

SECTION I

PUBLISHED INTERNATIONAL APPLICATIONS

DEMANDES INTERNATIONALES PUBLIÉES

- (51) **Not classified / non classée**
- (11) **WO 00/15018** (13) A2
(21) PCT/KR99/00552
- (22) **15 Sep/sep 1999 (15.09.1999)**
- (25) en (26) en
- (30) 1998/38553 **17 Sep/sep 1998** KR
(17.09.1998)
- (30) 1999/38528 **10 Sep/sep 1999** KR
(10.09.1999)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **METHOD FOR PREPARATION OF THE SUPERSATURATED SOLUTION OF CALCIUM PHOSPHATE AND THE THIN FILM OF CALCIUM PHOSPHATE CRYSTAL BY USING THE SOLUTION**
- **PROCEDE DE PREPARATION D'UNE SOLUTION SURSATURÉE DE PHOSPHATE DE CALCIUM ET MINCE FILM DE CRISTAL EN PHOSPHATE DE CALCIUM PRODUIT A L'AIDE DE CETTE SOLUTION**
- (71) **OSCOTEC INC.** [KR/KR]; San 29-1, Anseo-dong, Chunan-si, Choongcheongnam-do 330-716 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **KIM, Hyun-Man** [KR/KR]; #506-205 Zookong Apt., Chamsil 5-dong, Songpa-ku, Seoul 138-225 (KR).
- (72, 75) **KO, Jea-Seung** [KR/KR]; #17-3, 787-2 Bangbae bon-dong, Seocho-ku, Seoul 137-069 (KR). **KIM, Yoon-Ji** [KR/KR]; #330-607 Hanshin 19th Apt., Jamwon-dong, Seocho-ku, Seoul 137-030 (KR). **PARK, Soo-Jin** [KR/KR]; #15-3, 598 Shindaebang 1-dong, Dongjack-ku, Seoul 156-011 (KR).
- (74) **LEE, Won-Hee**; Suite 805, Sung-ji Heights II, 642-16 Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).
- (81) CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (51) **Not classified / non classée**
- (11) **WO 00/15019** (13) A2
(21) PCT/RU99/00307
- (22) **25 Aug/août 1999 (25.08.1999)**
- (25) ru (26) ru
- (30) 98116655 **26 Aug/août 1998** RU
(26.08.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **MICROWAVE OVEN**
- **FOUR A MICRO-ONDES**
- (71, 72) **BRODSKY, Juri Yakovlevich** [RU/RU]; ul. Usilova, 2-151, Nizhny Novgorod, 603093 (RU). **KOVALEV, Nikolai Fedorovich** [RU/RU]; ul. Brinskogo, 2-3-25, Nizhny Novgorod, 603163 (RU).
- (74) **LUGINA, Berta Davidovna**; ul. Gornaya, 24-24, Nizhny Novgorod, 603062 (RU).
- (81) KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (51) **Not classified / non classée**
- (11) **WO 00/15020** (13) A1
(21) PCT/US99/20866
- (22) **16 Sep/sep 1999 (16.09.1999)**
- (25) en (26) en
- (30) 09/154,890 **17 Sep/sep 1998** US
(17.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **IMMUNOASSAY THAT PROVIDES FOR BOTH COLLECTION OF SALIVA AND ASSAY OF SALIVA**
- **DISPOSITIF DE DOSAGE IMMUNOLOGIQUE SERVANT A RECUEILLIR DE LA SALIVE ET A L'ANALYSER**
- (71, 72) **BOGEMA, Stuart, C.** [US/US]; 13222 Wates Spring Place, Clifton, VA 20124 (US).
- (74) **TESKIN, Robin, L.**; Burns, Doane, Swecker and Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313-1404 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US VZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **A01D 44/00**
- (11) **WO 00/15022** (13) A1
(21) PCT/US99/19695
- (22) **31 Aug/août 1999 (31.08.1999)**
- (25) en (26) en
- (30) 09/153,290 **15 Sep/sep 1998** US
(15.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **ROTARY MOWER CONDITIONER HAVING IMPROVED CUT CROP FLOW**
- **FAUCHEUSE-CONDITIONNEUSE ROTATIVE AVEC ECOULEMENT AMÉLIORÉ DE LA RECOLTE COUPEE**
- (71) **HAY & FORAGE INDUSTRIES** [US/US]; 420 Lincoln Boulevard, Hesston, KS 67062 (US).
- (72) **PRUITT, Martin, E.**; 101 Meadow Lane, Hesston, KS 67062 (US). **GRABER, Kurt**; 225 W. Hirschler, Moundridge, KS 67107 (US). **CASE, Cecil, L.**; #8 Cedar Drive, Newton, KS 67114 (US). **O'HALLORAN, Michael, L.**; 124 S. Roupp, Hesston, KS 67062 (US).
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- Published / Publiée : (c)
-
- (51) **Not classified / non classée**
- (11) **WO 00/15021** (13) A2
(21) PCT/US99/20997

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

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

(51)⁷ **A01F 15/07**

(11) **WO 00/15023** (13) A1

(21) PCT/FR99/02070

(22) **31 Aug/août 1999 (31.08.1999)**

(25) fr (26) fr

(30) 98/11480 **15 Sep/sep 1998 (15.09.1998)** FR

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● **ROTOBALER WITH INTEGRATED STRAPPING MEMBER**
● **PRESSE A BALLES RONDES AVEC ENRUBANNEUSE INTEGREE**

(71, 72) **BERTRAND, Viviane** [FR/FR]; 1, rue des Perrières, F-35120 St. Bro-ladre/Dol-de-Bretagne (FR).

(72, 75) **BERTRAND, Raymond** [FR/FR]; 1, rue des Perrières, F-35120 St. Bro-ladre/Dol-de-Bretagne (FR).

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

(51)⁷ **A01G 3/053**

(11) **WO 00/15024** (13) A1

(21) PCT/GB99/02929

(22) **3 Sep/sep 1999 (03.09.1999)**

(25) en (26) en

(30) 9819704.9 **11 Sep/sep 1998 (11.09.1998)** GB

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● **IMPROVEMENTS RELATING TO CUTTING APPARATUS**
● **AMELIORATIONS CONCERNANT UN APPAREIL DE COUPE**

(71, 72) **WILSON, Graham, John** [GB/GB]; 263 Pensby Road, Heswall, Wirral, Mersey-side L61 5UA (GB).

(74) **GEOFFREY OWEN & COMPANY**; 76 Lower Bridge Street, Chester CH1 1RU (GB).

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

(51)⁷ **A01G 23/08**

(11) **WO 00/15025** (13) A1

(21) PCT/FI99/00733

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) fi (26) en

(30) 981982 **15 Sep/sep 1998 (15.09.1998)** FI

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● **A DELIMBING DEVICE AND A METHOD IN A DELIMBING DEVICE**
● **DISPOSITIF D'EBRANCHAGE ET PROCEDURE CONCERNANT A UN DISPOSITIF D'EBRANCHAGE**

(71) **TIMBERJACK OY** [FI/FI]; P.O. Box 474, FIN-33101 Tampere (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NIEMI, Petri** [FI/FI]; Leinolankatu 58 B 4, FIN-33580 Tampere (FI).

(74) **TAMPEREEN PATENTTITOIMISTO OY**; Hermiankatu 6, FIN-33720 Tampere (FI).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ **A01G 23/08**

(11) **WO 00/15026** (13) A1

(21) PCT/FI99/00734

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) fi (26) en

(30) 981983 **15 Sep/sep 1998 (15.09.1998)** FI

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● **A CONTROL ARRANGEMENT AND A METHOD IN A DELIMBING DEVICE**
● **MECANISME DE COMMANDE ET PROCEDURE CONCERNANT UN DISPOSITIF D'EBRANCHAGE**

(71) **TIMBERJACK OY** [FI/FI]; P.O. Box 474, FIN-33101 Tampere (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NIEMI, Petri** [FI/FI]; Leinolankatu 58 B 4, FIN-33580 Tampere (FI).

(74) **TAMPEREEN PATENTTITOIMISTO OY**; Hermiankatu 6, FIN-33720 Tampere (FI).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **A01K 1/01, A01C 3/00, C05F 3/00**

(11) **WO 00/15027** (13) A1

(21) PCT/EP99/06851

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) de (26) de

(30) 298 16 589.9 **16 Sep/sep 1998 (16.09.1998)** DE

(30) 199 10 993.1 **12 Mar/mar 1999 (12.03.1999)** DE

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● **METHOD FOR DISPOSAL OF EXCREMENTS OF ANIMALS KEPT IN A STABLE AND DEVICE FOR IMPLEMENTING SAID METHOD**
● **PROCEDURE ET DISPOSITIF PERMETTANT D'EVACUER LES EXCREMENTS D'ANIMAUX EN ETABLE**

(71, 72) **TERWORT, Roland** [DE/DE]; Pape-neschstrasse 29, D-48565 Steinfurt (DE).
SCHULZE WETTENDORF, Christoph [DE/DE]; Suttorf 40, D-48356 Nordwalde (DE).

(74) **SCHULZE HORN & PARTNER**; Gold-strasse 50, D-48147 Münster (DE).

(81) CN CZ EE HU JP KR LT LV MX NO PL SI TT US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)⁷ **A01K 1/10**

(11) **WO 00/15028** (13) A1

(21) PCT/GB99/02723

(22) **1 Sep/sep 1999 (01.09.1999)**

(25) en (26) en

(30) S980754 **10 Sep/sep 1998 (10.09.1998)** IE

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● **ANIMAL FEEDING APPARATUS**

• RATELIER

(71) **SPALDINGS (IRELAND) LIMITED** [IE/IE]; Grace Road, Athlone, County Westmeath (IE). **SPALDINGS (UK) LIMITED** [GB/GB]; Sadler Road, Lincoln LN6 3XJ (GB).

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

(72, 75) **WATSON, Patrick, Joseph** [IE/IE]; Creagh, Bealnamulla, Athlone, County Westmeath (IE).

(74) **LUNT, Mark, G., F.**; Dibb Lupton Alsop, Fountain Precinct, Balm Green, Sheffield S1 1RZ (GB) et al. / etc.

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

(51)⁷ **A01K 1/12, A01J 7/02**

(11) **WO 00/15029** (13) A1

(21) PCT/NL99/00550

(22) **3 Sep/sep 1999 (03.09.1999)**

(25) nl (26) en

(30) 1010074 **14 Sep/sep 1998** NL (14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • AN IMPLEMENT FOR AUTOMATICALLY MILKING ANIMALS, SUCH AS COWS

• SYSTEME DE TRAITE AUTOMATIQUE D'ANIMAUX TELS QUE DES VACHES

(71) **MAASLAND N.V.** [NL/NL]; Weverskade 10, NL-3155 PD Maasland (NL).

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

(72, 75) **VAN DER LELY, Alexander** [NL/NL]; Jan Witkampstraat 44, NL-3065 NA Rotterdam (NL). **VAN DER WEELE, Willem, Abraham, Frans** [NL/NL]; Warmoesdreef 5, NL-4614 HC Bergen op Zoom (NL). **VAN DEN BERG, Karel** [NL/NL]; Boterbloemstraat 5, NL-2971 BR Bleskensgraaf (NL). **DE GROEN, Franciscus, Johannes, Adrianus** [NL/NL]; Koolwitje 27, NL-3225 CB Hellevoetsluis (NL).

(74) **CORTEN, Maurice, Jean, F., M.**; Weverskade 10, NL-3155 PD Maasland (NL).

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

(51)⁶ **A01K 27/00**

(11) **WO 00/15030** (13) A1

(21) PCT/US99/20117

(22) **1 Sep/sep 1999 (01.09.1999)**

(25) en (26) en

(30) 60/100,484 **16 Sep/sep 1998** US (16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • LEASH ASSEMBLY HAVING PET REFUSE BAG DISPENSER MECHANISM

• ENSEMBLE LAISSE AVEC MECANISME DISTRIBUTEUR DE SACS A DECHETS D'ANIMAUX

(71, 72) **EDWARDS, Timothy** [US/US]; 2090 Dewberry Court, Westlake Village, CA 91361 (US). **EDWARDS, Mary** [US/US]; 2090 Dewberry Court, Westlake Village, CA 91361 (US).

(74) **KELLEY, Scott, W.**; Kelly Bauersfeld Lowry & Kelley, LLP, Suite 1650, 6320 Canoga Avenue, Woodland Hills, CA 91367 (US).

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

(51)⁶ **A01K 29/00, A47B 91/00**

(11) **WO 00/15031** (13) A1

(21) PCT/US99/21013

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 09/154,860 **16 Sep/sep 1998** US (16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • RETAINING APPARATUS FOR PET WASTE PAD

• APPAREIL DE RETENUE DE LITIERE POUR ANIMAUX DOMESTIQUES

(71, 72) **OLIVADOTI, Rick** [US/US]; Suite 3C, 290 Riverside Drive, New York, NY 10025 (US).

(74) **FITZPATRICK, CELLA, HARPER & SCINTO**; 30 Rockefeller Plaza, New York, NY 10112-3801 (US).

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

(51)⁷ **A01N 1/02**

(11) **WO 00/15032** (13) A1

(21) PCT/US99/17964

(22) **9 Aug/août 1999 (09.08.1999)**

(25) en (26) en

(30) 09/151,821 **11 Sep/sep 1998** US (11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • CONTROLLED REVERSIBLE PORATION FOR PRESERVATION OF BIOLOGICAL MATERIALS

• PORATION CONTROLEE REVERSIBLE POUR LA CONSERVATION DE MATIERES VIVANTES

(71) **THE GENERAL HOSPITAL CORPORATION doing business as MASSACHUSETTS GENERAL HOSPITAL** [US/US]; 55 Fruit Street, Boston, MA 02114 (US). **MASSACHUSETTS INSTITUTE OF TECHNOLOGY** [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02139 (US).

(72) **TONER, Mehmet**; 100 Pilgrim Road, Wellesley, MA 02481 (US). **RUSSO, Michael**; 22 Pleasant Street, Wakefield, MA 01880 (US). **BIEGANSKI, Robert**; P.O. Box 42545, Cambridge, MA 02142-0016 (US).

(74) **CAHILL, Ronald, E.** et al. / etc.; Nutter, McClennen & Fish, LLP, One International Place, Boston, MA 02110-2699 (US).

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

(51)⁷ **A01N 25/08, 25/12, 25/14, 31/14, 31/02**

(11) **WO 00/15033** (13) A1

(21) PCT/US99/20954

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 60/100,457 **15 Sep/sep 1998** US (15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • PERSISTENT DIATOMACEOUS EARTH MOLLUSKICIDIAL COMPOSITION

• COMPOSITIONS MOLLUSCICIDES PERSISTANTES A BASE DE TERRE DE DIATOMÉES

(71, 72) **BATES, Jack, H.** [US/US]; 27812 Clear Lake Road, Eugene, OR 97402 (US).

(74) **ADAMSON, Steven, J.**; P.O. Box 1909, Eugene, OR 97440 (US).

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

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(51)⁷ **A01N 37/02, 35/02, 31/02**

(11) **WO 00/15034** (13) A1

(21) PCT/SE99/01604

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 9803130-5 **15 Sep/sep 1998** SE (15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • USE OF A COMPOSITION FOR CONTROLLING AND/OR ATTRACTING INSECTS

• UTILISATION D'UNE COMPOSITION POUR LUTTER CONTRE LES INSECTES ET/OU POUR LES ATTIRER

- (71, 72) **UNELIUS, Rikard** [SE/SE]; Ålstensgatan 120, S-167 65 Bromma (SE).
- (72, 75) **VALEUR, Peter** [SE/SE]; Lagerbrings väg 4C, S-224 60 Lund (SE). **ZHU, Junwei** [CN/US]; 900 Vermont Circle, Ames, IA 50014 (US). **LÖFSTEDT, Christer** [SE/SE]; Lagerbrings väg 5F, S-224 60 Lund (SE). **RYNE, Camilla** [SE/SE]; Norrvidinge pl 1244, S-260 20 Teckomatorp (SE).
- (74) **BERG, S., A.** et al. / etc.; Albihns Patentbyrå Stockholm AB, P.O. Box 5581, S-114 85 Stockholm (SE).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **A01N 37/36**
- (11) **WO 00/15035** (13) A1
- (21) PCT/CA99/00755
- (22) **17 Aug/août 1999 (17.08.1999)**
- (25) en (26) en
- (30) 60/100,316 **15 Sep/sep 1998** US
(15.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **INSECTICIDAL COMPOSITION**
• **COMPOSITION INSECTICIDE**
- (71) **ECOVAL INC.** [CA/CA]; 55 Oriole Parkway, Elmira, Ontario N3B 1B9 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LOJEK, John, S.** [CA/CA]; 55 Oriole Parkway, Elmira, Ontario N3B 1B9 (CA). **LOJEK, Margaret, Anne** [CA/CA]; 55 Oriole Parkway, Elmira, Ontario N3B 1B9 (CA).
- (74) **GALLOWAY, Warren, J.**; Sim & McBurney, 6th floor, 330 University Avenue, Toronto, Ontario M5G 1R7 (CA).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ **A01N 57/20, 25/30, 25/02**
- (11) **WO 00/15037** (13) A1
- (21) PCT/GB99/02726
- (22) **18 Aug/août 1999 (18.08.1999)**
- (25) en (26) en
- (30) 9819693.4 **10 Sep/sep 1998** GB
(10.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **GLYPHOSATE FORMULATION**
• **FORMULATION DE GLYPHOSATE**
- (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) **BEAN, Michael, John** [GB/GB]; Jealotts Hill International Research Centre, Bracknell, Berkshire RG42 6ET (GB). **HOPKINS, Derek, John** [GB/GB]; Jealotts Hill International Research Centre, Bracknell, Berkshire RG42 6ET (GB). **OTTAWAY, Alan, Victor** [GB/GB]; Zeneca Agrochemicals, Yalding, Maidstone, Kent ME18 6HN (GB). **FORMSTONE, Carl, Andrew** [GB/GB]; Zeneca Agrochemicals, Yalding, Maidstone, Kent ME18 6HN (GB).
- (74) **RICKS, Michael, James** et al. / etc.; Intellectual Property Dept., Zeneca Agrochemicals, Jealotts Hill International Research Centre, Jealott's Hill Research Station, P.O. Box 3538, Bracknell RG42 6YA (GB).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)⁷ **A21D 8/04, A23L 1/105, 1/03**
- (11) **WO 00/15038** (13) A1
- (21) PCT/US99/21195
- (22) **14 Sep/sep 1999 (14.09.1999)**
- (25) en (26) en
- (30) 09/156,298 **17 Sep/sep 1998** US
(17.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **METHODS FOR USING PECTATE LYASES IN BAKING**
• **UTILISATIONS DE LYASES DE PECTATE POUR LA CUISSON DE LA PATE**
- (71) **NOVO NORDISK BIOTECH, INC.** [US/US]; 1445 Drew Avenue, Davis, CA 95616 (US).
- (72) **XU, Feng**; 1534 Carmel Valley Drive, Woodland, CA 95776 (US).
- (74) **ZELSON, Steve, T.** et al. / etc.; Novo Nordisk of North America, Inc., Suite 6400, 405 Lexington Avenue, New York, NY 10174 (US).
- (81) AE AL AU BA BB BG BR CA CN CU CZ EE GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA UZ VN YU; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)⁶ **A21D 13/00, 13/08**
- (11) **WO 00/15039** (13) A1
- (21) PCT/RU99/00359
- (22) **15 Sep/sep 1999 (15.09.1999)**

- (25) ru (26) ru
 (30) 98117474 **15 Sep/sep 1998** RU
(15.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD FOR PREPARING RYE BISCUITS
 • PROCEDE DE PREPARATION DE BISCUITS DE SEIGLE
- (71, 72) **RU DENKO, Sergei Borisovich** [RU/RU]; Kondratievsky pr. 55-39, St.Petersburg, 195197 (RU). **BEKKER, Gennady Kondratievich** [RU/RU]; ul. Vokka, 3-28, Vsevolozhsk, Leningradskaya obl., 198170 (RU).
- (74) **AVSEEVICH, Tatiyana Mikhailovna**; a/ya 477, St.Petersburg, 191123 (RU).
- (81) AM AT AZ BG BY CA CZ DE DK EE ES FI GB GE HU IL KZ LT LV MD NO PL RO SE SK TR UA US.
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- (51)⁶ **A22C 13/00, B32B 27/34**
 (11) **WO 00/15040** (13) A1
 (21) PCT/RU99/00287
 (22) **6 Aug/août 1999 (06.08.1999)**
 (25) ru (26) ru
 (30) 98115957 **28 Aug/août 1998** RU
(28.08.1998)
 (43) 23 Mar/mar 2000 (23.03.2000)
 (54) • SLEEVE-TYPE EASILY REMOVABLE ENVELOPE FOR SAUSAGES
 • ENVELOPPE DE TYPE GAINÉ FACILEMENT AMOVIBLE POUR SAUCISSES ET SAUCISSONS
 (71) **OBSCHESTVO S OGRANI-CHENNOI OTVETSTVENNOSTIJU PROIZVODSTVENNO-KOMMERCHESKAYA FIRMA "ATLANTIS-PAK"** [RU/RU]; ul. Onuchkina, 72, Kh. im. Lenina, Akaisky rayon, Rostovskaya obl., 346700 (RU).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **BORODAEV, Sergei Vasilievich** [RU/RU]; ul. 2-ya Koltsevaya, 94, Rostov-na-Donu, 344002 (RU). **DAVIDENKO, Oleg Vladimirovich** [RU/RU]; pr. Kosmonavtov, 32a-12, Rostov-na-Donu, 344113 (RU). **DAVIDENKO, Alexandr Vladimirovich** [RU/RU]; ul. V.Panovoi, 32/1-91, Rostov-na-Donu, 344112 (RU). **RYZENKO, Sergei Petrovich** [RU/RU]; ul. Komarova, 30/1-27, Rostov-na-Donu, 344113 (RU).
- (74) **BORODAEV, Sergei Vasilievich**; a/ya 3761, Rostov-na-Donu, 344022 (RU).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **A23B 4/10, A23L 1/31**
 (11) **WO 00/15041** (13) A1
 (21) PCT/US99/19103
 (22) **18 Aug/août 1999 (18.08.1999)**
 (25) en (26) en
 (30) 09/153,314 **15 Sep/sep 1998** US
(15.09.1998)
 (43) 23 Mar/mar 2000 (23.03.2000)
 (54) • IMPROVED SHIRRING SOLUTION FOR CELLULOSIC SAUSAGE CASINGS
 • SOLUTION BRASSEE AMELIOREE POUR BOYAUX CELLULOSIQUES A SAUCISSES
 (71) **ALFACEL S.A.** [ES/ES]; Calle Caleruega, 81, 6A, 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 (US).
 (81) BR CA MX US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **A23C**
 (11) **WO 00/15042** (13) A2
 (21) PCT/NL99/00569
 (22) **14 Sep/sep 1999 (14.09.1999)**
 (25) nl (26) en
 (30) 1010096 **15 Sep/sep 1998** NL
(15.09.1998)
 (43) 23 Mar/mar 2000 (23.03.2000)
 (54) • DAIRY PRODUCT AND METHOD FOR PREPARING SAME
 • PRODUIT LAITIER ET PROCEDE DE PREPARATION
 (71) **CAMPINA MELKUNIE B.V.** [NL/NL]; Hogeweg 9, NL-5301 LB Zaltbommel (NL). **INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE (INRA)** [FR/FR]; 147, rue de l'Université, F-75338 Paris Cedex 07 (FR).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **VERMIN, Reinier, Johannes, Christina** [NL/NL]; Bomschuit 19, NL-3448 WE Woerden (NL). **SPINNLER, Henry-Eric** [FR/FR]; 32 bis, avenue de la Division Leclerc, F-92310 Sèvres (FR).
 (74) **OTTEVANGERS, S., U.**; Vereenigde Octroibureaux, Nieuwe Parklaan 97, NL-2587 BN The Hague (NL).
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- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **A23D 7/00, 7/015, 9/00**
 (11) **WO 00/15043** (13) A1
 (21) PCT/US99/20643
 (22) **10 Sep/sep 1999 (10.09.1999)**
 (25) en (26) en
 (30) 60/099,830 **11 Sep/sep 1998** US
(11.09.1998)
 (43) 23 Mar/mar 2000 (23.03.2000)
 (54) • REDUCED CALORIE PLASTIC FAT COMPOSITION
 • COMPOSITION SOUPLE DE GRAISSE A TENEUR REDUITE EN CALORIES
 (71) **CULTOR FOOD SCIENCE, INC.** [US/US]; 430 Saw Mill River Road, Ardsley, NY 10502-2699 (US).
 (72) **CHANG, Ping, Wu**; 11 Trumbull Road, Waterford, CT 06385 (US).
 (74) **DUNLEAVY, Kevin, J.** et al. / etc.; Hunton & Williams, 1900 K Street, N.W., Washington, DC 20006 (US).
 (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **A23F 3/14, A23L 1/30, 2/56, 2/38**
 (11) **WO 00/15044** (13) A1
 (21) PCT/KR99/00546
 (22) **15 Sep/sep 1999 (15.09.1999)**
 (25) en (26) en
 (30) 1998/37961 **15 Sep/sep 1998** KR
(15.09.1998)
 (43) 23 Mar/mar 2000 (23.03.2000)
 (54) • COMPOSITION CONTAINING NATURAL PHENOLIC COMPOUNDS FOR PREVENTING OR TREATING ELEVATED BLOOD LIPID LEVEL-RELATED DISEASES
 • COMPOSITION CONTENANT DES COMPOSES PHENOLIQUES NATURELS AUX FINS DE LA PREVENTION ET DU TRAITEMENT DE TROUBLES LIES A LA PRESENCE D'UN TAUX ELEVE DE LIPIDES DANS LE SANG

- (71) **KOREA RESEARCH INSTITUTE OF BIOSCIENCE AND BIOTECHNOLOGY** [KR/KR]; #52, Oeun-dong, Yuseong-gu, Daejeon 305-333 (KR).
- (72) **BOK, Song, Hae**; Garam Apt. 15-1202, Samcheon-dong, Seo-gu, Daejeon 302-222 (KR). **JEONG, Tae, Sook**; Hanbit Apt. 127-1103, #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). **MOON, Surk, Sik**; Gomnaru Apt. 101-601, #5, Shinkwan-dong, Gongju-shi, Chungcheongnam-do 314-110 (KR). **KWON, Yong, Kook**; Hanbit Apt. 126-1307 #99, Oeung-dong, Yuseong-gu, Daejeon 305-333 (KR). **LEE, Eun, Sook**; #49-2, Daehung-3-dong, Jung-gu, Daejeon 301-013 (KR). **HYUN, Byung, Hwa**; Hanbit Apt. 131-1401 #99, Oeun-dong, Yuseong-gu, Daejeon 305-333 (KR). **CHOI, Yang, Kyu**; Hanbit Apt. 137-706 #99, Oeun-dong, Yuseong-gu, Daejeon 305-333 (KR). **LEE, Chul, Ho**; Gyungseong Kunmaeul Apt. 120-1307 Galma-dong, Seo-gu, Daejeon 302-171 (KR). **LEE, Sae, Bom**; Hanbit Apt. 111-301 #99, Oeun-dong, Yuseong-gu, Daejeon 305-333 (KR). **PARK, Young, Bae**; Hyundai Apt. 83-206 Apgujeong-dong, Kangnam-gu, Seoul 135-110 (KR). **KIM, Hyo, Soo**; Hyundai Apt. 85-1401, Apgujeong-dong, Kangnam-gu, Seoul 135-110 (KR).
- (74) **JANG, Seong, Ku** et al. / etc.; KEC Building, 17th floor, #275-7, Yangjae-dong, Seocho-ku, Seoul 137-130 (KR).
- (81) CA CN JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
- (51)⁷ **A23J 1/00, 3/22, 3/20, A23L 1/28, A23K 1/16**
- (11) **WO 00/15045** (13) A1
- (21) PCT/EP99/07722
- (22) **15 Sep/sep 1999 (15.09.1999)**
- (25) en (26) en
- (30) 98307450.1 **15 Sep/sep 1998 EP (15.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • MUCORALES FUNGI FOR USE IN PREPARATION OF FOODSTUFFS
• CHAMPIGNONS MUCORALES DESTINES A DES PREPARATIONS ALIMENTAIRES
- (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) **DE HAAN, Andre** [NL/NL]; Arthur van Schendelplein 104, NL-2624 CT Delft (NL). **GERAATS, Sigbertus, Godefridus, Maria** [NL/NL]; Pr. Dr. P.J. Crutzenlaan 4, NL-3771 DL de Bilt (NL). **KRUYSEN, Fredericus, Johannes** [NL/NL]; Juffermansstraat 6, NL-2341 JK Oegstgeest (NL). **BIJL, Hendrik, Louis** [NL/NL]; Insulindestraat 72, NL-3131 ZD Vlaardingen (NL).
- (74) **WRIGHT, Simon, Mark**; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5LX (GB).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁶ **A23L 1/16**
- (11) **WO 00/15046** (13) A1
- (21) PCT/RU98/00382
- (22) **16 Nov/nov 1998 (16.11.1998)**
- (25) ru (26) ru
- (30) 98117113 **17 Sep/sep 1998 RU (17.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD FOR PRODUCING MACARONI-TYPE ARTICLES
• PROCEDE DE FABRICATION D'ARTICLES DE TYPE MACARONIS
- (71, 72) **KALNISH, Grigory Izeslavovich** [RU/RU]; Molodezhny bulvar, 1-174, Tver, 170000 (RU).
- (72, 75) **ANTONOV, Vladimir Mikhailovich** [RU/RU]; Akademgorodok, 17b-61, Krasnoyarsk, 660036 (RU). **POTAPOV, Sergei Stepanovich** [RU/RU]; ul. Zhelyabova, 44-14, Tver, 170000 (RU). **SMIRNOV, Sergei Mikhailovich** [RU/RU]; ul. Zhelyabova, 42-3, Tver, 170000 (RU).
- (74) **EVSTIGNEEVA, Nataliya Vladimirovna**; a/ya 298, Tver, 170000 (RU) 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 GD GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (b)
- (51)⁷ **A23L 1/222, A61K 31/35, A21D 13/00, C07D 311/30, C07H 17/07**
- (11) **WO 00/15047** (13) A1
- (21) PCT/KR99/00548
- (22) **15 Sep/sep 1999 (15.09.1999)**
- (25) en (26) en
- (30) 60/099,747 **10 Sep/sep 1998 US (10.09.1998)**
- (25) en (26) en
- (30) 1998/37963 **15 Sep/sep 1998 KR (15.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • COMPOSITION CONTAINING NEOHESPERIDIN DIHYDROCHALCONE FOR PREVENTING OR TREATING ELEVATED BLOOD LIPID AND GLUCOSE LEVEL-RELATED DISEASES
• COMPOSITION CONTENANT DE LA NEOHESPERIDINE DIHYDROCHALCONE POUR LA PREVENTION OU LE TRAITEMENT DE MALADIES LIEES A DES NIVEAUX ELEVES DE LIPIDE ET DE GLUCOSE DANS LE SANG
- (71) **KOREA RESEARCH INSTITUTE OF BIOSCIENCE AND BIOTECHNOLOGY** [KR/KR]; #52, Oeun-dong, Yuseong-gu, Daejeon 305-333 (KR).
- (72) **BOK, Song, Hae**; Garam Apt., 15-1202, Samcheon-dong, Seo-gu, Daejeon 302-222 (KR). **JEONG, Tae, Sook**; Hanbit Apt. 127-1103, #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). **MOON, Surk, Sik**; Gomnaru Apt., 101-601, #5, Sinkwan-dong, Gongju-shi, Chungcheongnam-do 314-110 (KR). **KWON, Yong, Kook**; Hanbit Apt., 126-1307, #99, Oeun-dong, Yuseong-gu, Daejeon 305-333 (KR). **LEE, Eun, Sook**; #49-2, Daehung-3-dong, Jung-gu, Daejeon 301-013 (KR). **HYUN, Byung, Hwa**; Hanbit Apt., 131-1401, #99, Oeun-dong, Yuseong-gu, Daejeon 305-333 (KR). **CHOI, Yang, Kyu**; Hanbit Apt., 137-706, #99, Oeun-dong, Yuseong-gu, Daejeon 305-333 (KR). **LEE, Chul, Ho**; Gyungseong Kunmaeul Apt., 120-1307, Galma-dong, Seo-gu, Daejeon 302-171 (KR). **LEE, Sae, Bom**; Hanbit Apt., 111-301, #99, Oeun-dong, Yuseong-gu, Daejeon 305-333 (KR). **PARK, Young, Bae**; Hyundai Apt., 83-206, Apgujeong-dong, Kangnam-gu, Seoul 135-110 (KR). **KIM, Hyo, Soo**; Hyundai Apt., 85-1401, Apgujeong-dong, Kangnam-gu, Seoul 135-110 (KR).
- (74) **JANG, Seong, Ku** et al. / etc.; KEC Building, 17th floor, #275-7, Yangjae-dong, Seocho-ku, Seoul 137-130 (KR).
- (81) CA CN JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
- (51)⁷ **A23L 1/236, A23G 3/00, 3/30, A61K 7/16, C07C 29/141**
- (11) **WO 00/15048** (13) A1
- (21) PCT/US99/20745
- (22) **9 Sep/sep 1999 (09.09.1999)**
- (25) en (26) en
- (30) 60/099,747 **10 Sep/sep 1998 US (10.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • NON-CRYSTALLIZING LIQUID XY-LITOL COMPOSITIONS AND CO-HYDROGENATION PROCESSES FOR MAKING SAME

• COMPOSITIONS DE XYLITOL LIQUIDE NON-CRYSTALLISABLES ET PROCEDES DE PRODUCTION DESDITES COMPOSITIONS PAR CO-HYDROGENATION

(71) **SPI POLYOL, INC.** [US/US]; 321 Cherry Lane, New Castle, DE 19720 (US).

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

(72, 75) **CUNNINGHAM, Mary, Lou** [US/US]; 2918 Cheshire Road, Wilmington, DE 19810 (US). **KUENZLE, Charles, E.** [US/US]; 1013 Marrows Road, Newark, DE 19713 (US). **YANG, Marguerite** [US/US]; 137 Wyeth Way, Hockessin, DE 19707 (US). **JAMIESON, Peter** [US/US]; 208 West VanBuren Avenue, New Castle, DE 19720 (US).

(74) **PEZZNER, Ashley, I.**; Connolly Bove Lodge & Hutz LLP, 1220 Market Street, P.O. Box 2207, Wilmington, DE 19899-02207 (US).

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

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(51)⁶ **A23L 1/236**

(11) **WO 00/15049** (13) A1

(21) PCT/US99/21471

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) en (26) en

(30) 60/100,867 **17 Sep/sep 1998 US (17.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • THE USE OF CYCLODEXTRIN TO STABILIZE N-[N-(3,3-DIMETHYLBUTYL)-1- α -ASPARTYL]-L-PHENYLALANINE 1-METHYL ESTER

• UTILISATION DE CYCLODEXTRINE POUR STABILISER LE N-[N-(3,3-DIMETHYLBUTYL)-1- α -ASPARTYL]-L-PHENYLALANINE 1-ESTER METHYLIQUE

(71) **THE NUTRASWEET COMPANY** [US/US]; Suite 900, 200 World Trade Center, Chicago, IL 60654 (US).

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

(72, 75) **BISHAY, Ihab, E.** [US/US]; 187 Springbrook Court, Nundelein, IL 60060 (US). **FOTOS, Jim, G.** [US/US]; 1370

Longacre Lane, Wheeling, IL 60090 (US). **DESAI, Nitin** [IN/US]; 902 West Gregory, Mount Prospect, IL 60056 (US). **CLEARY, Michael** [US/US]; 281 East Wilson, Elmhurst, IL 60126 (US). **SCHROEDER, Steve** [US/US]; 6486 Hallen Avenue, Belvedere, IL 61008 (US).

(74) **MANDRA, Raymond, R.** et al. / etc.; Fitzpatrick, Cella, Harper & Scinto, 30 Rockefeller Plaza, New York, NY 10112-3801 (US).

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

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(51)⁷ **A23L 1/236, C07K 5/06, C13F 3/00**

(11) **WO 00/15050** (13) A1

(21) PCT/US99/21476

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) en (26) en

(30) 09/154,568 **17 Sep/sep 1998 US (17.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • CO-CRYSTALLIZATION OF SUGAR AND N-[N-(3,3-DIMETHYLBUTYL)-1- α -ASPARTYL]-L-PHENYLALANINE 1-METHYL ESTER

• CO-CRISTALLISATION DE SUCRE ET DE N-[N-(3,3-DIMETHYLBUTYL)-1- α -ASPARTYL]-L-PHENYLALANINE 1-ESTER METHYLIQUE

(71) **THE NUTRASWEET COMPANY** [US/US]; 200 World Trade Center, Suite 900, Chicago, IL 60654 (US).

(72) **FOTOS, Jim**; 1370 Longacre Lane, Wheeling, IL 60090 (US). **BISHAY, Ihab, E.**; 187 Springbrook Court, Nundelein, IL 60060 (US). **PRAKASH, Indra**; 4731 Sunflower Lane, Hoffman Estates, IL 60195 (US). **WACHHOLDER, Kurt**; 1175 Price Drive, Elgin, IL 60120 (US). **DESAI, Nitin**; 902 West Gregory, Mount Prospect, IL 60056 (US).

(74) **MANDRA, Raymond, R.** et al. / etc.; Fitzpatrick, Cella, Harper & Scinto, 30 Rockefeller Plaza, New York, NY 10112-3801 (US).

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

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(51)⁷ **A23L 1/30, A61K 31/194, 31/365, A23L 1/03**

(11) **WO 00/15051** (13) A1

(21) PCT/US99/21099

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 09/151,806 **14 Sep/sep 1998 US (14.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • HYDROXYCITRIC ACID COMPOSITIONS

• COMPOSITIONS D'ACIDE HYDROXYCITRIQUE

(71) **INTERHEALTH NUTRACEUTICALS, INC.** [US/US]; 5451 Industrial Way, Benicia, CA 94510 (US).

(72) **GOKARAJU, Ganga, Raju**; Brindavan Colony, Vijayawada 520 010 (IN).

(74) **BRUEGGEMANN, James, R.**; Sheppard Mullin Richter & Hampton LLP, 48th floor, 333 South Hope Street, Los Angeles, CA 90071 (US).

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

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(51)⁶ **A23L 3/00, A23B 4/056**

(11) **WO 00/15052** (13) A1

(21) PCT/JP99/04899

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) ja (26) ja

(30) 10/257765 **11 Sep/sep 1998 JP (11.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD AND APPARATUS FOR MAKING SMOKED FOOD

• PROCEDE ET APPAREIL POUR FABRIQUER DES ALIMENTS FUMES

(71) **UNIREX CO., LTD.** [JP/JP]; 1-22-508, Hachiken, 7-jo, Higashi 5-chome, Nishi-ku, Sapporo-shi, Hokkaido 063-0867 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MIYAMORI, Mamoru** [JP/JP]; 5-7, Hassamu 16-jo 2-chome, Nishi-ku, Sapporo-shi, Hokkaido 063-0836 (JP). **HOSHINO, Hiroshi** [JP/JP]; 3-20, Hushiko 7-jo 3-chome, Higashi-ku, Sapporo-shi, Hokkaido 007-0867 (JP). **MARUYAMA, Toshihiko** [JP/JP]; 9-8, Ashibetsu-Minami 6-chome, Ashibetsu-ku, Sapporo-shi, Hokkaido 004-0022 (JP). **HIGUCHI, Masao** [JP/JP]; 15-3, Kamiisshiki 3-chome, Edogawa-ku, Tokyo 133-0041 (JP). **SAITO, Hiroshi** [JP/JP]; 38-13, Asagaya-Minami 3-chome, Suginami-ku, Tokyo 166-0004 (JP).

(74) **SUDA, Masayoshi**; Shinseiwa Ikebukuro Building, 4th floor, 24-3, Higashi-Ikebukuro 1-chome, Toshima-ku, Tokyo 170-0013 (JP).

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

(51)⁶ **A23L 3/015, 3/10**

(11) **WO 00/15053** (13) A1

(21) PCT/US99/02094

(22) **1 Feb/fév 1999 (01.02.1999)**

(25) en (26) en

(30) 60/100,680 **17 Sep/sep 1998** US
(17.09.1998)

(30) 09/203,977 **2 Dec/déc 1998** US
(02.12.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **ULTRA HIGH PRESSURE, HIGH TEMPERATURE FOOD PRESERVATION PROCESS**

- **PROCEDE DE CONSERVATION DE PRODUITS ALIMENTAIRES SOUS HAUTE TEMPERATURE ET SOUS ULTRA-HAUTE PRESSION**

(71, 72) **MEYER, Richard, S.** [US/US]; 3813 East 80th Street, Tacoma, WA 98443 (US).

(74) **KELBON, Marcia, S.**; Christensen O'Connor Johnson & Kindness PLLC, Suite 2800, 1420 Fifth Avenue, Seattle, WA 98101 (US).

(81) AU BR CA CN IN KR MX NO NZ RU; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ **A23L 3/32**

(11) **WO 00/15054** (13) A1

(21) PCT/EP99/06727

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 98203063.7 **14 Sep/sep 1998** EP
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **APPARATUS AND PROCESS FOR PRESERVING FOODS**

- **DISPOSITIF ET PROCEDE DE CONSERVATION DES ALIMENTS**

(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 CR CY DM GB GD GH IE IL KE LK LS MN MW NZ SD SG SZ TT UG US ZA)

(71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London, Greater London EC4P 4BQ (GB).

(only for / seulement pour AU BB CA CR CY DM GB GD GH IE IL KE LK LS MN MW NZ SD SG SZ TT UG ZA)

(72, 75) **LELIEVELD, Hubertus** [NL/NL]; Unilever Research Vlaardingen, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL).

(74) **WURFBAIN, Gilles**; Unilever N.V., Patent Department, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL).

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

(51)⁷ **A24B**

(11) **WO 00/15055** (13) A2

(21) PCT/US98/18971

(22) **14 Sep/sep 1998 (14.09.1998)**

(25) en (26) en

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **CIGAR SUBSTITUTE**

- **ARTICLE DE REMPLACEMENT D'UN CIGARE**

(71, 72) **CHASE, Gene** [US/US]; 1167 Union Road, West Seneca, NY 14224 (US).

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

(51)⁶ **A24B 3/10, 3/18, 15/00, 15/22, A24F 47/00**

(11) **WO 00/15056** (13) A1

(21) PCT/US99/20909

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 60/100,372 **15 Sep/sep 1998** US
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **IMPROVED METHOD OF TREATING TOBACCO TO REDUCE NITROSAMINE CONTENT, AND PRODUCTS PRODUCED THEREBY**

- **PROCEDE AMELIORE DE TRAITEMENT DU TABAC SERVANT A LIMITER SA TENEUR EN NITROSAMINES ET PRODUITS OBTENUS AU MOYEN DE CE PROCEDE**

(71, 72) **WILLIAMS, Jonnie, R.** [US/US]; #1 Starwood Lane, Manakin-Sabot, VA 23103 (US).

(74) **BOLAND, Mark** et al. / etc.; Sughrue, Mion, Zinn, MacPeak & Seas, PLLC, Suite 800, 2100 Pennsylvania Avenue, N.W., Washington, DC 20037-3213 (US).

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

(51)⁶ **A24B 15/00**

(11) **WO 00/15057** (13) A1

(21) PCT/US99/20869

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) en (26) en

(30) 09/156,068 **17 Sep/sep 1998** US
(17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **CIGARETTE FILTER MADE FROM SURFACE ACTIVATED PARTICULATE PARTICLES**

- **FILTRE DE CIGARETTE CONSTITUE PAR DES PARTICULES ACTIVEES EN SURFACE**

(71, 72) **HOU, Wei-Hsin** [—/US]; 46 Buckingham Meadow Road, Setauket, NY 11733 (US).

(74) **LEE, Moon, Soo**; efirm, Ltd., 1725 DeSales Street, N.W., Washington, DC 20036 (US).

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

(51)⁷ **A24D 3/02**

(11) **WO 00/15058** (13) A1

(21) PCT/IT99/00288

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) RM98A000590 **14 Sep/sep 1998** IT
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **IMPROVED MULTIPLE CAVITY FILTER**

- **FILTRE A CAVITES MULTIPLES AMELIORE**

(71) **FILTRATI S.P.A.** [IT/IT]; Via Leopoldo Serra, 32, I-00153 Roma (IT).

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

(72, 75) **GEROLA, Aldo** [IT/IT]; Filtrati S.p.A., Via Leopoldo Serra, 32, I-00153 Roma (IT).

(74) **BANCHETTI, Marina** et al. / etc.; Ing. Barzano & Zanardo Roma S.p.A., Via Piemonte, 26, I-00187 Roma (IT).

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

(51)⁷ **A24F 19/00**(11) **WO 00/15059** (13) A1

(21) PCT/GB99/03020

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) 98307371.9 **11 Sep/sep 1998** EP
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • FAN-ASSISTED ASHTRAY

• CENDRIER DOTE D'UN DISPOSITIF DE VENTILATION

(71) **FABRIQUES DE TABAC REUNIES SA** [CH/CH]; P.O. Box 11, CH-2003 Neuchâtel (CH).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **RITTER, Mitchell** [US/CH]; 20, chemin des Ruaux, CH-2013 Colombier (CH). **BERSET, Jacques** [CH/CH]; 1, rue Marcello, CH-1700 Fribourg (CH). **RIEDEL, Thomas** [US/GB]; 148 Ifield Road, London SW18 9AF (GB). **FERGUSON, Oliver, Giles** [GB/GB]; 153 Coleridge Road, Cambridge CB1 3TN (GB).(74) **VLECK, Jan, Montagu**; Reddie & Grose, 16 Theobald's Road, London WC1X 8PH (GB).

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

(51)⁶ **A41B 1/00**(11) **WO 00/15060** (13) A1

(21) PCT/US99/15888

(22) **13 Jul/juil 1999 (13.07.1999)**

(25) en (26) en

(30) 09/151,840 **11 Sep/sep 1998** US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ENERGY EXPENDITURE GARMENT

• VETEMENT PROVOQUANT UNE DEPENSE D'ENERGIE

(71, 72) **DICKER, Timothy, P.** [US/US]; 6906 Foothill Boulevard, Tujunga, CA 91042-2780 (US). **WILKINSON, William, T.** [US/US]; 111 Seven Isles, N.E. 23rd Street, Fort Lauderdale, FL 33303 (US).(74) **PEZZNER, Harold**; Connolly Bove Lodge & Hutz LLP, 1220 Market Street, Wilmington, DE 19801 (US).

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

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(51)⁶ **A41B 13/10**(11) **WO 00/15061** (13) A1

(21) PCT/US99/20658

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) en (26) en

(30) 09/151,975 **11 Sep/sep 1998** US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • BIB AND HIGHCHAIR TRAY

• BAVOIR ET PLATEAU DE CHAISE DE BEBE

(71, 72) **BARATTA, Anthony, V.** [US/US]; 768 Admiralty Way, Webster, NY 14580 (US).(74) **CONNOLLY, Dennis, M.** et al. / etc.; Nixon Peabody LLP, Clinton Square, P.O. Box 1051, Rochester, NY 14603 (US).

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

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(51)⁶ **A41C 3/10**(11) **WO 00/15062** (13) A1

(21) PCT/JP99/04910

(22) **8 Sep/sep 1999 (08.09.1999)**

(25) ja (26) ja

(30) 10/260472 **14 Sep/sep 1998** JP
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • FEMALE CLOTHING WITH CUP UNIT

• SOUS-VETEMENT FEMININ A BONNETS

(71) **RIVERSTONE CO., LTD.** [JP/JP]; 87, Moritomo 4-chome, Nishi-ku, Kobe-shi, Hyogo 651-2132 (JP).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **SAWAMOTO, Koji** [JP/JP]; Riverstone Kabushiki Kaisha-nai, 87, Moritomo

4-chome, Nishi-ku, Kobe-shi, Hyogo 651-2132 (JP).

(74) **YOKOI, Kenji**; Ayumi No. 11 Building, Suite 405, 4-13, Tamon-dori 4-chome, Chuo-ku, Kobe-shi, Hyogo 650-0015 (JP).

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

(51)⁷ **A41D 13/10**(11) **WO 00/15063** (13) A1

(21) PCT/NO99/00163

(22) **21 May/mai 1999 (21.05.1999)**

(25) no (26) en

(30) 19984294 **16 Sep/sep 1998** NO
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • PROTECTIVE GARMENT

• VETEMENT DE PROTECTION

(71, 72) **ANDRESEN, Lars, Petter** [NO/NO]; P.O. Box 138 Sentrum, N-0102 Oslo (NO).(74) **ONSAGERS AS**; P.O. Box 265 Sentrum, N-0103 Oslo (NO).

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

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(51)⁶ **A41G 1/00**(11) **WO 00/15064** (13) A1

(21) PCT/US99/05719

(22) **16 Mar/mar 1999 (16.03.1999)**

(25) en (26) en

(30) 09/153,557 **15 Sep/sep 1998** US
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD OF MAKING AN ARTIFICIAL TREE

• PROCEDE DE FABRICATION D'ARBRES ARTIFICIELS

(71) **H & P SALES, INC.** [US/US]; 2022 Victory Drive, Vista, CA 92085-0339 (US).(72) **LEE, Tim, Wing, Him**; Flat A 9/F, Tower 5, Regency Park, Lot 405, Kwai Chung, Kowloon, Hong Kong (CN). **LEE, Charles, Wai, Keung**; 108 B 13 floor, Stage 8, Broadway Street, Mei Foo Sun Cheun, Kowloon, Hong Kong (CN).(74) **MURPHEY, John, J.**; Murphey Law Offices, Suite 260, 701 Palomar Airport Road, Carlsbad, CA 92009-1027 (US).

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

(51)⁶ **A42B 1/18, 1/24**

(11) **WO 00/15065** (13) A1

(21) PCT/AU99/00764

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) PP 5888 **14 Sep/sep 1998** AU
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • MANUFACTURE OF CAPS
• FABRICATION DE COIFFES

(71) **INTERNATIONAL TECHNOLOGY LTD.** [VU/VU]; KPMG Chartered Accountants, P.O. Box 212, Port Vila (VU).
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(71, 72) **FLYNN, Darcy, Lester** [AU/AU]; 116 River Park Drive, Annandale, Townsville, QLD 4814 (AU).

(74) **FISHER, Adams, Kelly**; Level 13, AMP Place, 10 Eagle Street, Brisbane, QLD 4000 (AU).

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

(51)⁶ **A43B 5/04**

(11) **WO 00/15066** (13) A1

(21) PCT/FR98/01971

(22) **16 Sep/sep 1998 (16.09.1998)**

(25) fr (26) fr

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • UPPER STRUCTURE FOR GLIDING SPORT SHOE
• STRUCTURE DE TIGE POUR CHAUSSURE DE SPORT DE GLISSE

(71) **SALOMON S.A.** [FR/FR]; Lieudit "La Ravoire", F-74370 Metz-Tessy (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PARIS, Jean-François** [FR/FR]; 100, chemin de la Côte, F-74320 Sevrier (FR).

(74) **BEGEY, Jean-Marie** et al. / etc.; Salomon S.A., F-74996 Annecy Cedex 9 (FR).

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

(51)⁶ **A43B 13/04, 13/12, 13/40, B32B 27/30, 27/32, 27/34, 27/36, 27/40**

(11) **WO 00/15067** (13) A1

(21) PCT/US99/20819

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 09/151,837 **11 Sep/sep 1998** US
(11.09.1998)

(30) 09/151,032 **11 Sep/sep 1998** US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • FLEXIBLE MEMBRANES
• MEMBRANES SOUPLES

(63) US 09/151,032 (CON)
11 Sep/sep 1998 (11.09.1998)
US 09/151,837 (CON)
11 Sep/sep 1998 (11.09.1998)

(71) **NIKE, INC.** [US/US]; One Bowerman Drive, Beaverton, OR 97005-6453 (US).
(only for / seulement pour JP KR)

(71) **NIKE INTERNATIONAL, LTD.** [-/US]; One Bowerman Drive, Beaverton, OR 97005-6453 (US).
(for all designated States except / pour tous les États désignés sauf JP KR US)

(72, 75) **BONK, Henry, W.** [US/US]; 51 Seiter Hill Road, Wallingford, CT 06492 (US).
GOLDWASSER, David, J. [US/US]; 3310 Northeast 12th Avenue, Hillsboro, OR 97124 (US).
MITCHELL, Paul, H. [US/US]; 7090 Southeast Benham Court, Portland, OR 97225 (US).

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

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

(51)⁷ **A43C 15/16**

(11) **WO 00/15068** (13) A1

(21) PCT/GB99/03022

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) 9820015.7 **14 Sep/sep 1998** GB
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • SPORTS FOOTWEAR AND STUDS THEREFOR

• CHAUSSURE DE SPORT ET CRAMPONS POUR UNE TELLE CHAUSSURE

(71) **MITRE SPORTS INTERNATIONAL LIMITED** [GB/GB]; The Pentland Centre, Lakeside, Squires Lane, London N3 2QL (GB).

(72) **MITCHELL, Jennifer, Karen**; 32 Crammond Close, London W6 (GB).
WORDSWORTH, Elliot, David; Flat A, 8 Goldhurst Terrace, West Hampstead, London NW6 3HU (GB).

(74) **STONER, Patrick** et al. / etc.; Mewburn Ellis, York House, 23 Kingsway, London WC2B 6HP (GB).

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

Published / Publiée : (c)

(51)⁷ **A44B 18/00, A61F 13/62**

(11) **WO 00/15069** (13) A1

(21) PCT/US99/21495

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) en (26) en

(30) 09/156,185 **17 Sep/sep 1998** US
(17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • MECHANICAL FASTENING SYSTEM HAVING SECTIONS WITH ARRANGED ENGAGEMENT MEMBERS

• SYSTEME DE FIXATION MECANIQUE PRESENTANT DES PARTIES DOTEES D'ELEMENTS D'ACCROCHAGE PLACES

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

(72) **LONG, Andrew, Mark**; 1320 South Riverview Lane, Appleton, WI 54915 (US).
HUNTOON, Andrew, Edsel; 613 South Goldenrod Drive, Appleton, WI 54915 (US).
KILLIAN, Thomas, Michael; 293 Maplewood Lane, Sobieski, WI 54171 (US).
LORD, Patrick, Robert; 1180 Apple Blossom Drive, Neenah, WI 54956 (US).
NORTMAN, Brian, Keith; 2249 Wintergreen Drive, Appleton, WI 54914 (US).
ZOROMSKI, Paula, Kay; 907 West Elsie Street, Appleton, WI 54914 (US).

(74) **YEE, Paul, Y.** et al. / etc.; 401 N. Lake St., Neenah, WI 54956 (US).

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

Published / Publiée : (c)

(51)⁶ **A45D 1/04**

(11) **WO 00/15070** (13) A1

(21) PCT/JP99/04816

(22) **6 Sep/sep 1999 (06.09.1999)**

(25) ja (26) ja

(30) 10/296007 **10 Sep/sep 1998 (10.09.1998)** JP

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● CASTANET TYPE HAIR IRON

● FER A CHEVEUX DE TYPE CASTAGNETTES

(71) **PHILD CO., LTD.** [JP/JP]; Kowamoto Building, 4th floor, Gosyohachimancho 110-banchi, Kamitachiurisagaru, Karasumadori, Kamigyo-ku, Kyoto City, Kyoto 602-0023 (JP).

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

(72, 75) **HIRATA, Yoshihiro** [JP/JP]; Phild Co., Ltd., Kawamoto Building, 4th floor, Gosyohachimancho 110-banchi, Kamitachiurisagaru, Karasumadori, Kamigyo-ku, Kyoto City, Kyoto 602-0023 (JP).

(74) **KODAMA, Yoshihiro**; Enju-Ochanomizu Building, 3rd floor, 17-2, Sotokanda 2-chome, Chiyoda-ku, Tokyo 101-0021 (JP).

(81) AU BR CA CN HU ID IN JP KR MX NO NZ PL RO RU SG TR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ **A45D 2/24**

(11) **WO 00/15071** (13) A1

(21) PCT/EP99/06813

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) de (26) de

(30) 198 42 398.5 **16 Sep/sep 1998 (16.09.1998)** DE

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● HAIR ROLLER

● BIGOUDI

(71) **SOLIDA TEXTIL- UND NETZWAREN-MANUFAKTUR GMBH & CO.KG** [DE/DE]; Emmerstedter Strasse 30, D-38350 Helmstedt (DE).

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

(72, 75) **DIETZE, Ruthard** [DE/DE]; Bismarckstrasse 24, D-38350 Helmstedt (DE).

(74) **EINSEL, Martin**; Jasperallee 1 a, D-38102 Braunschweig (DE).

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

Published / Publiée : (c)

(51)⁶ **A45D 8/36**

(11) **WO 00/15072** (13) A1

(21) PCT/AU99/00748

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) PP 5797 **10 Sep/sep 1998 (10.09.1998)** AU

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● SCENTED SCRUNCHIE

● CHOUCOU PARFUME

(71, 72) **GODWIN, Lorraine, Alice, May** [AU/AU]; 2/50 Dolphin Street, Coogee Sydney, NSW 2034 (AU).

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

(51)⁷ **A45D 44/00, G06F 17/60, G01G 19/415**

(11) **WO 00/15073** (13) A1

(21) PCT/EP99/06772

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) de (26) de

(30) 198 41 633.4 **11 Sep/sep 1998 (11.09.1998)** DE

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● DEVICE FOR DETERMINING METHOD DATA OF A METHOD FOR COSMETICALLY TREATING HAIR ON A PERSON'S HEAD

● DISPOSITIF POUR DETERMINER LES DONNEES D'UN MODE DE TRAITEMENT COSMETIQUE CAPILLAIRE POUR UN INDIVIDU

(71) **WELLA AG** [DE/DE]; Berliner Allee 65, D-64274 Darmstadt (DE).

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(72, 75) **FERTIG, Werner** [DE/DE]; Gärtnerweg 8, D-64625 Bensheim (DE). **HOCH, Dieter** [DE/DE]; Riedstrasse 30, D-64319 Pfungstadt-Eich (DE). **MATTINGER, Detlef** [DE/DE]; Am Mühlgraben 5, D-64404 Bickenbach (DE).

(74) **WELLA AG**; Berliner Allee 65, D-64274 Darmstadt (DE).

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

Published / Publiée : (c)

(51)⁷ **A45F 3/22**

(11) **WO 00/15074** (13) A1

(21) PCT/CA99/00828

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 2,246,971 **14 Sep/sep 1998 (14.09.1998)** CA

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● HAMMOCK

● HAMAC

(71, 72) **HENNESSY, Thomas, Francis** [US/CA]; 637 Southwind Road, Galiano Island, British Columbia VON 1P0 (CA).

(74) **KAUFMAN, Frederick**; Suite 403, 1937 Pendrell Street, Vancouver, British Columbia V6G 1T4 (CA).

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

Published / Publiée : (c)

(51)⁶ **A46B 9/04, 13/02, A61C 17/22**

(11) **WO 00/15075** (13) A1

(21) PCT/US99/18572

(22) **16 Aug/août 1999 (16.08.1999)**

(25) en (26) en

(30) 09/150,877 **10 Sep/sep 1998 (10.09.1998)** US

(30) 09/335,232 **17 Jun/juin 1999 (17.06.1999)** US

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● IMPROVED BRUSHHEAD FOR A TOOTHBRUSH

● TETE DE BROSSAMELIOREE POUR BROSSA A DENTS

(71) **OPTIVA CORPORATION** [US/US]; 35301 South East Center Street, Snoqualmie, WA 98065 (US).

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

(72, 75) **HASSELL, Thomas** [-/US]; 10228 N.E. 58th Street, Kirkland, WA 98033 (US). **MEGINNISS, Stephen, M., III** [-/US]; 3434 Kent Avenue West, Seattle, WA 98119 (US). **McINNES, James, C.** [-/US]; P.O. Box 51094, Seattle, WA 98115 (US). **UNDERWOOD, Kevin, T.** [-/US]; 5565 Konigs Court Northwest, Issaquah, WA 98027 (US). **HENRICKSON, Steven,**

- R. [-/US]; 840 Colonial Drive, Morristown, TN 37814 (US).
- (74) **PUNTIGAM, Clark, A.**; 2033 6th Avenue #1020, Seattle, WA 98121 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (51)⁷ **A46B 11/00, A61C 17/28**
- (11) **WO 00/15076** (13) A1
- (21) PCT/US99/21206
- (22) **15 Sep/sep 1999 (15.09.1999)**
- (25) en (26) en
- (30) 60/100,361 **15 Sep/sep 1998** US
(15.09.1998)
- (30) 09/328,619 **9 Jun/juin 1999** US
(09.06.1999)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • FLUID DELIVERY TOOTHBRUSH
• BROSSE A DENTS A FLUIDE
- (71) **PROFESSIONAL DENTAL TECHNOLOGIES, INC.** [US/US]; 633 Lawrence Street, Batesville, AR 72501 (US).
- (72) **SALE, David, William**; 124 Whispering Oakes Avenue, Heber Springs, AR 72543 (US). **HAYNES, Ronald, W.**; P.O. Box 312, Shirley, AR 72153 (US).
- (74) **SAPONE, William, J.**; Nims, Howes, Col-lison, Hansen & Lackert, 605 Third Avenue, New York, NY 10158 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **A46B 17/08**
- (11) **WO 00/15077** (13) A2
- (21) PCT/US99/20773
- (22) **9 Sep/sep 1999 (09.09.1999)**
- (25) en (26) en
- (30) 09/151,090 **10 Sep/sep 1998** US
(10.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • TOOTHBRUSH HEAD WITH AN ELASTOMERIC BUMPER
• TETE DE BROSSE A DENTS POURVUE D'UN DISPOSITIF D'AMORTISSEMENT ELASTOMERE
- (71) **COLGATE-PALMOLIVE COMPANY** [US/US]; 300 Park Avenue, New York, NY 10022 (US).
- (72) **FATTORI, Joseph, Edward**; 27 Phoenix Drive, Mendham, NJ 07945 (US). **HOHL-BEIN, Douglas, J.**; 45 Diverty Road, West Trenton, NJ 08628 (US). **SORRENTINO, Alan, Vincent**; 17 Adams Drive, Cranbury, NJ 08512 (US).
- (74) **GOLDFINE, Henry, S.**; Colgate-Palmolive Company, 909 River Road, P.O. Box 1343, Piscataway, NJ 08855-1343 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **A46D 1/00**
- (11) **WO 00/15078** (13) A1
- (21) PCT/EP99/04577
- (22) **2 Jul/juil 1999 (02.07.1999)**
- (25) de (26) de
- (30) 198 41 974.0 **14 Sep/sep 1998** DE
(14.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • BRISTLE FOR A TOOTHBRUSH, ES-PECIALLY FOR AN ELECTRIC TOOTHBRUSH, AND METHOD FOR THE PRODUCTION THEREOF
• POIL POUR BROSSE A DENTS, EN PARTICULIER POUR BROSSE A DENTS ELECTRIQUE, ET SON PRO-CEDE DE PRODUCTION
- (71) **BRAUN GMBH** [DE/DE]; Frankfurter Strasse 145, D-61476 Kronberg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DRIESEN, Georges** [BE/DE]; Bangerstrasse 21, D-61276 Weilrod (DE). **FIRATLI, Ahmet, C.** [DE/DE]; Wiesenhain 16, D-65207 Wiesbaden (DE). **HANS, Rainer** [DE/DE]; Weg am Wehrholz 14, D-65529 Waldems (DE). **SCHWARZ-HARTMANN, Armin** [DE/DE]; Brunnen-gasse 2, D-55234 Albig (DE).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **A47B 17/03, 21/03**
- (11) **WO 00/15079** (13) A1
- (21) PCT/KR99/00053
- (22) **3 Feb/fév 1999 (03.02.1999)**
- (25) en (26) en
- (30) 1998/17630 U **16 Sep/sep 1998** KR
(16.09.1998)
- (30) 1998/24951 U **14 Dec/déc 1998** KR
(14.12.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • ARM HOLDER USED IN A TABLE
• REPOSE-BRAS FORME DANS UNE TABLE
- (71, 72) **KIM, Dong, Hwan** [KR/KR]; 70-93, Naesoo-dong, Chongno-ku, Seoul City 110-070 (KR).
- (74) **HUH, Sung, Won**; Shinwon Building, 8F., 823-14, Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (51)⁶ **A47C 1/022**
- (11) **WO 00/15080** (13) A1
- (21) PCT/US99/19111
- (22) **20 Aug/août 1999 (20.08.1999)**
- (25) en (26) en
- (30) 9803082-8 **10 Sep/sep 1998** SE
(10.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • CHAIR
• CHAISE
- (71) **JONBER, INC.** [US/US]; c/o Fasth Law Offices, 509 Queensferry Road, Cary, NC 27511 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JONSSON, Bertil** [SE/SE]; Vasteralnas 2032, S-894 91 Sjalevad (SE).
- (74) **FASTH, Rolf**; Fasth Law Offices, 509 Queensferry Road, Cary, NC 27511 (US).
- (81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁶ A47C 1/023

(11) WO 00/15081 (13) A1

(21) PCT/US99/19071

(22) 20 Aug/août 1999 (20.08.1999)

(25) en (26) en

(30) 9803081-0 10 Sep/sep 1998 SE
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • CHAIR
• SIEGE(71) JONBER, INC. [US/US]; Fasth Law Offices, 509 Queensferry Road, Cary, NC 27511 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BERTIL, Jonsson [SE/SE]; Vasteralnas 2032, S-894 91 Sjalevad (SE).

(74) FASTH, Rolf; Fasth Law Offices, 509 Queensferry Road, Cary, NC 27511 (US).

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

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(51)⁶ A47C 7/38, B68G 7/06, B29C 39/10

(11) WO 00/15082 (13) A1

(21) PCT/JP99/03007

(22) 4 Jun/juin 1999 (04.06.1999)

(25) ja (26) ja

(30) 10/258152 11 Sep/sep 1998 JP
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • HEAD REST AND METHOD OF MANUFACTURING HEAD REST
• APPUI-TÊTE ET SON PROCÉDE DE FABRICATION(71) NAMBA PRESS WORKS CO., LTD. [JP/JP]; 3-8, Kojima-Ogawa 8-chome, Kurashiki-City, Okayama 711-0911 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WATADANI, Takeshi [JP/JP]; Namba Press Works Co., Ltd., 3-8, Kojima-Ogawa 8-chome, Kurashiki-City, Okayama 711-0911 (JP).

(74) TAKEUCHI, Sumio et al. / etc.; Daiwa Bank Toranomon Building, 6-21, Nishi-Shimbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP).

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

Published / Publiée : (a)

(51)⁷ A47C 13/00

(11) WO 00/15083 (13) A1

(21) PCT/EP99/06090

(22) 17 Aug/août 1999 (17.08.1999)

(25) en (26) en

(30) TO98U000169 11 Sep/sep 1998 IT
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • DUAL-PURPOSE PORTABLE STEP STOOL
• TABOURET-ESCABEAU PORTABLE A DOUBLE USAGE

(71) FRAMAR S.P.A. [IT/IT]; Via Gaminella, 36, I-15020 Mombello Monf.To (IT).

(72) COGGIOLA, Davide; Via Gaminella, 15/E, I-15020 Mombello Monf.To (IT).

(74) ROBBA, Pierpaolo et al. / etc.; Interpatent, Via Caboto, 35, I-10129 Torino (IT).

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

Published / Publiée : (c)

(51)⁶ A47G 1/06, 1/12, B32B 3/02, 31/00, 31/14

(11) WO 00/15084 (13) A1

(21) PCT/US99/20410

(22) 7 Sep/sep 1999 (07.09.1999)

(25) en (26) en

(30) 09/152,981 14 Sep/sep 1998 US
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • IMPROVED DEVICE FOR FRAMING PHOTOGRAPHS, CERTIFICATES AND THE LIKE
• DISPOSITIF D'ENCADREMENT AMÉLIORÉ POUR PHOTOGRAPHIES, CERTIFICATS, ETC.

(71) WERNER, Richard, S. [US/US]; 326 Cedar Sauk Road, West Bend, WI 53095 (US).

(72) WOODS, Carey, P.; N4390-130th Street, Plum City, WI 54761 (US).

(74) FREY, David, A.; Jansson, Shupe, Bridge & Munger, Ltd., Suite M, 245 Main Street, Racine, WI 53403 (US).

(81) AU BR CA CN IL JP KR MX NO NZ PL RU SG TR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁶ A47G 23/03, B32B 33/00

(11) WO 00/15085 (13) A1

(21) PCT/AU99/00751

(22) 10 Sep/sep 1999 (10.09.1999)

(25) en (26) en

(30) 84182/98 11 Sep/sep 1998 AU
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • TABLE OR COUNTER MAT
• MAT DE TABLE OU DE COMPTOIR(71) JAYFIELD PTY. LTD. [AU/AU]; 2nd floor, 181 Fitzroy Street, St. Kilda, VIC 3182 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CARKEEK, Stephen, Robert [AU/AU]; 13 Hall Street, Hawthorn, VIC 3123 (AU).

(74) EARLEY, Martin, G.; Patent Attorney Services, 26 Ellingworth Parade, Box Hill, VIC 3128 (AU).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁶ A47G 25/18

(11) WO 00/15086 (13) A1

(21) PCT/CH98/00388

(22) 10 Sep/sep 1998 (10.09.1998)

(25) de (26) de

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • CLOTHES HANGER WITH A DEVICE FOR SPACE-SAVING STORAGE AND TRANSPORTATION OF CLOTHING
• CINTRE COMPORTANT UN DISPOSITIF POUR RANGER ET TRANSPORTER DES VÊTEMENTS DE MANIÈRE COMPACTE

(71, 72) FELDINGER-SAMUEL, Meir [CH/CH]; Thannerstrasse 60, CH-4054 Basel (CH).

(81) AL AU BA BB BG BR CA CN (Utility model / modèle d'utilité) CU CZ (Utility model / modèle d'utilité) EE (Utility model / modèle d'utilité) GE (Utility model / modèle d'utilité) HR HU (Utility model / modèle d'utilité) ID IL JP (Utility model / modèle d'utilité) KP KR (Utility model / modèle d'utilité) LK LR LT MD (Utility model / modèle d'utilité) MG MK MN MW MX (Utility model / modèle d'utilité) NZ PL (Utility model / modèle d'utilité) RO SG SI SK (Utility model / modèle d'utilité) SL TR (Utility model / modèle d'utilité) UA (Utility model / modèle d'utilité) US VN (Utility model / modèle d'utilité) YU; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ A47G 25/40

(11) WO 00/15087 (13) A1

(21) PCT/ZA99/00086

(22) 14 Sep/sep 1999 (14.09.1999)

(25) en (26) en

(30) 98/5803 14 Sep/sep 1998 ZA
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • COLLAPSIBLE CLOTHES HANGER
• CINTRE REPLIABLE

(71, 72) FALCHI, Roberto, Gabriele [ZA/ZA]; 309 Villa Roux, 135 Troye Street, 0002 Sunnyside (ZA).

(74) DUNLOP, Alan, J., S. et al. / etc.; Hahn & Hahn Inc., 222 Richard Street, Hatfield, 0083 Pretoria (ZA).

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

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(51)⁷ A47G 27/04

(11) WO 00/15088 (13) A1

(21) PCT/GB99/03012

(22) 10 Sep/sep 1999 (10.09.1999)

(25) en (26) en

(30) 9819884.9 11 Sep/sep 1998 GB
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • DUST GUARD FOR A CARPET

• DISPOSITIF ANTI-POUSSIÈRE POUR TAPIS

(71, 72) PEERS, John [GB/GB]; 46 Moorfield Road, Irlam O'Th Heights, Salford M6 7QD (GB).

(74) LINN, S., Jonathan et al. / etc.; Mewburn Ellis, York House, 23 Kingsway, London WC2B 6HP (GB).

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

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(51)⁶ A47J 27/00

(11) WO 00/15089 (13) A1

(21) PCT/US99/21132

(22) 15 Sep/sep 1999 (15.09.1999)

(25) en (26) en

(30) 09/156,018 17 Sep/sep 1998 US
(17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • COOKING UTENSIL

• USTENSILE DE CUISINE

(71) AMWAY CORPORATION [US/US]; 7575 Fulton Street East, Ada, MI 49355-0001 (US).

(72) GANTOS, Jill, L.; 7275 Burger Road S.E., Grand Rapids, MI 49546 (US). MACK, Charles, S.; 129 Sunset Drive, Dowling, MI 49050 (US). HOFF, Susan, K.; 3285 Gold Dust Street N.E., Belmont, MI 49306 (US).

(74) DANI, William, P. et al. / etc.; Warner Norcross & Judd LLP, 900 Old Kent Building, 111 Lyon Street N.W., Grand Rapids, MI 49503 (US).

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

(51)⁷ A47J 31/08, 31/44

(11) WO 00/15090 (13) A1

(21) PCT/EP99/05717

(22) 7 Aug/août 1999 (07.08.1999)

(25) de (26) de

(30) 198 41 890.6 11 Sep/sep 1998 DE
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • PERMANENT FILTER FOR MULTIPLE FILTERING OF INFUSION BEVERAGES SUCH AS COFFEE OR TEA

• FILTRE PERMANENT POUR LE FILTRAGE MULTIPLE DE BOISSONS OBTENUES PAR INFUSION TELLES QUE DU CAFE OU DU THE

(71) BRAUN GMBH [DE/DE]; Frankfurter Strasse 145, D-61476 Kronberg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZILS, Jürgen, Werner [DE/DE]; Westerbachstrasse 26, D-61476 Kronberg (DE). NEUHÄUSER, Ralph [DE/DE]; Hünerbergstrasse 1, D-61476 Kronberg (DE). BIELFELDT, Uwe [DE/DE]; Spesartstrasse 4, D-65812 Bad Soden (DE). KLEEMANN, Christof [DE/DE]; Schubertstrasse 1b, D-65760 Eschborn (DE). STÜCHER, Reinhard [DE/DE]; Eicher Feldstrasse 13, D-57258 Freudenberg (DE). TREBITZ, Bernd [DE/DE]; Am Grasweg 16, D-35510 Butzbach (DE). EMMERICH, Horst [DE/DE]; Buchenweg 21, D-65760 Eschborn (DE).

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

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

(51)⁷ A47J 39/00

(11) WO 00/15091 (13) A1

(21) PCT/AT99/00217

(22) 7 Sep/sep 1999 (07.09.1999)

(25) de (26) de

(30) GM 598/98 10 Sep/sep 1998 AT
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • SERVING AND TRANSPORT RECEPTACLE

• DISPOSITIF DE LOGEMENT POUR LE TRANSPORT ET L'AMENÉE DES PLATS

(71) THERMO VISION ENTWICKLUNGS-UND HANDELS GMBH [AT/AT]; Teslasstrasse 4, A-8074 Grambach/Graz (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KLINGER, Gerald [AT/AT]; Föhregrund 29, A-8043 Graz (AT).

(74) **KÖHLER-PAVLIK, Johann**; Margaretenplatz 5, A-1050 Wien (AT).

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

(51)⁷ **A47L 1/02**

(11) **WO 00/15092** (13) A1

(21) PCT/AT99/00218

(22) **8 Sep/sep 1999 (08.09.1999)**

(25) de (26) de

(30) A 1533/98 **10 Sep/sep 1998 AT (10.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • CLEANING DEVICE FOR THE WINGS OF SLIDING WINDOWS OR DOORS

• DISPOSITIF DE NETTOYAGE POUR BATTANTS DE PORTES OU DE FENETRES COULISSANTES

(71, 72) **THURNHER, Julius** [AT/AT]; Friedrich Schölgasse 4, A-3002 Purkersdorf (AT).

(74) **SONN, Helmut** et al. / etc.; Riemergasse 14, A-1010 Wien (AT).

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

Published / Publiée : (c)

(51)⁶ **A47L 1/02**

(11) **WO 00/15093** (13) A1

(21) PCT/US99/20805

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) 09/154,202 **16 Sep/sep 1998 US (16.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • A SYSTEM FOR TREATING EXTERIOR SURFACES

• SYSTEME DE TRAITEMENT DE SURFACES EXTERIEURES

(71) **SKYBOT LTD.** [IL/IL]; 29 Bar-Kochva St., Tel Aviv 63427 (IL).

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

(71) **FRIEDMAN, Mark, M.** [US/IL]; 1 Alharizi St., Raanana 43406 (IL).

(only for / seulement pour TJ)

(72, 75) **GAN, Livne** [IL/IL]; P.O. Box 23, Midreshet Ben Gurion 84990 (IL). **COHEN, Arieh** [IL/IL]; 9/3 Maon St., Arad 89053 (IL). **SOFER, Niv** [IL/IL]; 29 Bar Cochva St., Tel Aviv 63427 (IL).

(74) **FRIEDMAN, Mark, M.**; c/o Castorina, Anthony, Suite 207, 2001 Jefferson Davis Highway, Arlington, VA 22202 (IL).

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

(51)⁷ **A47L 5/36**

(11) **WO 00/15094** (13) A1

(21) PCT/EP99/06711

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) de (26) de

(30) 198 42 246.6 **15 Sep/sep 1998 DE (15.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • FLOOR VACUUM CLEANER

• ASPIRATEUR

(71) **BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH** [DE/DE]; Hochstrasse 17, D-81669 München (DE).

(72) **DRECHSLER, Helmut**; Meistereiweg 4, D-97616 Bad Neustadt (DE). **SCHWARZ, Heribert**; Hauptstrasse 58a, D-97616 Bad Neustadt (DE).

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

Published / Publiée : (c)

(51)⁷ **A47L 5/36, B65F 1/00**

(11) **WO 00/15095** (13) A1

(21) PCT/FR99/02125

(22) **7 Sep/sep 1999 (07.09.1999)**

(25) fr (26) fr

(30) 98/11582 **11 Sep/sep 1998 FR (11.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • SELF-POWERED DEVICE PORTABLE ON THE BACK FOR SUCKING UP WASTE AND GRINDING THE LIGHTER FRACTION

• DISPOSITIF AUTONOME PORTABLE NOTAMMENT EN MODE DORSAL POUR ASPIRER LES DECHETS ET BROUILLER LES PLUS LEGERS

(71, 72) **TOUVRON, Joël** [FR/FR]; 4, Parc Maraveyre, F-13260 Cassis (FR).

(74) **HERARD, Paul**; Cabinet Beau de Loménie, 232, avenue du Prado, F-13295 Marseille Cedex 8 (FR).

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

(51)⁷ **A47L 15/42, 15/46**

(11) **WO 00/15096** (13) A1

(21) PCT/EP99/06595

(22) **7 Sep/sep 1999 (07.09.1999)**

(25) de (26) de

(30) 198 41 694.6 **11 Sep/sep 1998 DE (11.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR OPERATING A DOMESTIC DISHWASHER AND DOMESTIC DISHWASHER FOR CARRYING OUT THIS METHOD

• MODE DE FONCTIONNEMENT D'UN LAVE-VAISSELLE DOMESTIQUE ET LAVE-VAISSELLE DOMESTIQUE CORRESPONDANT

(71) **BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH** [DE/DE]; Hochstrasse 17, D-81669 München (DE).

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

(72, 75) **ROSENBAUER, Michael** [DE/DE]; Riedweg 19, D-86756 Reimlingen (DE). **REITER, Bruno** [DE/DE]; Steigenen 4, D-73450 Neresheim-Köisingen (DE). **HERING, Reinhard** [DE/DE]; St.-Stephanus-Strasse 8, D-89438 Holzheim (DE).

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

Published / Publiée : (c)

(51)⁷ **A61B**

(11) **WO 00/15097** (13) A2

(21) PCT/US99/20776

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 60/099,995 **11 Sep/sep 1998 US (11.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHODS FOR USING RESONANT ACOUSTIC AND/OR RESONANT ACOUSTO-EM ENERGY TO DETECT AND/OR EFFECT STRUCTURES

• TECHNIQUES D'UTILISATION DE L'ENERGIE ACOUSTIQUE ET/OU ACOUSTO-ELECTROMAGNETIQUE DE RESONANCE POUR DETECTER ET/OU EXERCER UN EFFET SUR DES STRUCTURES

- (71) **BERKSHIRE LABORATORIES, INC.** [US/US]; 5689 Walnut View Boulevard, Columbus, OH 43230 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BROOKS, Juliana, H., J.** [US/US]; 5689 Walnut View Boulevard, Columbus, OH 43230 (US). **ABEL, Albert, E.** [US/US]; 1655 Wren Lane, Powell, OH 43065-8954 (US).
- (74) **FUIERER, Marianne** et al. / etc.; Law Offices of Howard M. Ellis, 200 John James Audubon Parkway, Amherst, NY 14228 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)⁷ **A61B 1/00, 1/12**
(11) **WO 00/15099** (13) A1
(21) PCT/US99/20517
(22) **8 Sep/sep 1999 (08.09.1999)**
(25) en (26) en
(30) 09/152,128 **12 Sep/sep 1998 US (12.09.1998)**
(43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **ENDOSCOPE CLEANING/STREAM SYSTEM**
• **SYSTEME DE NETTOYAGE/LAVAGE D'UN ENDOSCOPE**
- (71) **SMITH & NEPHEW, INC.** [US/US]; 1450 Brooks Road, Memphis, TN 38116 (US).
- (72) **PROCH, Francis, S.**; 3365 Tomlin Road, Somerville, TN 38068 (US). **IRELAND, Patrick**; 5873 Edgewater Cove, Memphis, TN 38134 (US).
- (74) **STACEY, George, K.** et al. / etc.; Smith & Nephew, Inc., 1450 Brooks Road, Memphis, TN 38116 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁶ **A61B 5/00**
(11) **WO 00/15101** (13) A1
(21) PCT/US99/20646
(22) **10 Sep/sep 1999 (10.09.1999)**
(25) en (26) en
(30) 60/099,875 **11 Sep/sep 1998 US (11.09.1998)**
(30) 60/143,579 **13 Jul/juil 1999 US (13.07.1999)**
(43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **MULTI-MODAL OPTICAL TISSUE DIAGNOSTIC SYSTEM**
• **SYSTEME OPTIQUE MULTI-MODAL DE DIAGNOSTIC DES TISSUS**
- (71) **SPECTRX, INC.** [US/US]; 6025A Unity Drive, Norcross, GA 30071 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BAMBOT, Shabbir, B.** [-/US]; 650 Manor Glen Drive, Suwanee, GA 30024 (US). **FAUPEL, Mark, L.** [-/US]; 160 Foalgarth Way, Alpharetta, GA 30022 (US). **HARRELL, Tim** [-/US]; 6050 Peachtree Parkway #240247, Norcross, GA 30092 (US). **AGRAWAL, Anant** [-/US]; 3078 Clairmont Road #526, Atlanta, GA 30329 (US).
- (74) **FLESHNER, Mark, L.**; Fleshner & Kim, P.O. Box 221200, Chantilly, VA 20153-1200 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ **A61B**
(11) **WO 00/15098** (13) A2
(21) PCT/US99/21314
(22) **15 Sep/sep 1999 (15.09.1999)**
(25) en (26) en
(30) 60/100,736 **17 Sep/sep 1998 US (17.09.1998)**
(43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **PICTORIAL-DISPLAY ELECTRO-CARDIOGRAPHIC INTERPRETATION SYSTEM AND METHOD**
• **SYSTEME ET PROCEDURE RELATIFS A L'INTERPRETATION EN ELECTRO-CARDIOGRAPHIE PAR AFFICHAGE D'IMAGES**
- (71) **PANGEA MEDICAL, INC.** [US/US]; Suite C, 1025 Industrial Parkway, Newberg, OR 97132 (US).
- (72) **SELVESTER, Ron**; 2801 Atlantic Avenue, Long Beach, CA 90801 (US). **SOLOMON, Joe**; P.O. Box 447, Merrill, OR 97633 (US). **GALEN, Peter**; 1970 Garris Lane, McMinnville, OR 97128 (US).
- (74) **DICKINSON, Jon, M.** et al. / etc.; Kolisch Hartwell Dickinson McCormack & Heuser, 200 Pacific Building, 520 S.W. Yamhill Street, Portland, OR 97204 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁶ **A61B 3/10**
(11) **WO 00/15100** (13) A1
(21) PCT/US99/18850
(22) **10 Sep/sep 1999 (10.09.1999)**
(25) en (26) en
(30) 09/154,603 **16 Sep/sep 1998 US (16.09.1998)**
(43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **DISTANCE OPTIMIZING APPARATUS FOR A PLACIDO-BASED EYE OBSERVATION SYSTEM**
• **DISPOSITIF D'OPTIMISATION DE LA DISTANCE POUR APPAREIL D'OBSERVATION DE L'OEIL FONCTIONNANT AVEC UN DISQUE DE PLACIDO**
- (71) **VISMED, INC.** [US/US]; Suite 4, 10373 Roselle Street, San Diego, CA 92121 (US).
- (72) **DAVIS, Neil, M.**; 39371 Hileman Road, Marcola, OR 97454 (US). **BRANCACCIO, Vincent, E.**; 2230 Azure Street, Eugene, OR 97401 (US). **RORABAUGH, Dale, A.**; 4566 Via Gaviota, P.O. Box 1864, Rancho Santa Fe, CA 92067 (US).
- (74) **FLESHNER, Mark, L.**; Fleshner & Kim, P.O. Box 221200, Chantilly, VA 20153-1200 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ **A61B 5/00**
(11) **WO 00/15102** (13) A1
(21) PCT/US99/20796
(22) **10 Sep/sep 1999 (10.09.1999)**
(25) en (26) en

- (30) 60/099,733 **10 Sep/sep 1998** US
(10.09.1998)
- (30) 60/140,283 **18 Jun/juin 1999** US
(18.06.1999)
- (30) 60/140,285 **18 Jun/juin 1999** US
(18.06.1999)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● ATTRIBUTE COMPENSATION FOR ANALYTE DETECTION AND/OR CONTINUOUS MONITORING
● CORRECTION D'ATTRIBUTS POUR LA DETECTION ET/OU LA SURVEILLANCE CONTINUE D'ANALYTES
- (71) **SPECTRX, INC.** [US/US]; 6000A Unity Drive, Norcross, GA 30071 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HATCH, Michael, R.** [US/US]; 131 Price Hills Trail, Sugar Hill, GA 30518 (US).
EPPSTEIN, Jonathan, A. [US/US]; 2844 Jasmine Court, Atlanta, GA 30345 (US).
MCRAE, Stuart [US/US]; 1438 Montevallo Circle, Atlanta, GA 30033 (US).
- (74) **FLOAM, D., Andrew** et al. / etc.; Needle & Rosenberg, P.C., The Candler Building, Suite 1200, 127 Peachtree Street, N.E., Atlanta, GA 30303-1811 (US).
- (81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **A61B 5/00, G06F 19/00**
- (11) **WO 00/15103** (13) A1
- (21) PCT/US99/21052
- (22) **13 Sep/sep 1999 (13.09.1999)**
- (25) en (26) en
- (30) 09/152,353 **14 Sep/sep 1998** US
(14.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● MULTIPLE PATIENT MONITORING SYSTEM FOR PROACTIVE HEALTH MANAGEMENT
● SYSTEME DE SURVEILLANCE DE PLUSIEURS PATIENTS DESTINE A LA GESTION PROACTIVE DE LA SANTE
- (63) US 09/152,353 (CON)
14 Sep/sep 1998 (14.09.1998)
- (71) **HEALTH HERO NETWORK, INC.** [US/US]; Suite 111, 2570 West El Camino Real, Mountain View, CA 94040 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BROWN, Stephen, J.** [US/US]; 3324 Woodside Road, Woodside, CA 94062 (US).
- (74) **GRAHAM, Lawrence, D.**; Black Lowe & Graham, PLLC, 816 Second Avenue, Seattle, WA 98104 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **A61B 5/00, G06F 19/00**
- (11) **WO 00/15104** (13) A1
- (21) PCT/US99/21094
- (22) **14 Sep/sep 1999 (14.09.1999)**
- (25) en (26) en
- (30) 09/153,568 **15 Sep/sep 1998** US
(15.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● REMEDIATION OF DEPRESSION THROUGH COMPUTER-IMPLEMENTED INTERACTIVE BEHAVIORAL TRAINING
● TRAITEMENT DE LA DEPRESSION AU MOYEN D'UN ENTRAÎNEMENT COMPORTEMENTAL INTERACTIF INFORMATISE
- (71) **SCIENTIFIC LEARNING CORPORATION** [US/US]; 1995 University Avenue #400, Berkeley, CA 94704 (US).
- (72) **MERZENICH, Michael, M.**; 20 Hillpoint Avenue, San Francisco, CA 94117 (US).
BLAKE, David, T.; 478 Warren Drive #713, San Francisco, CA 94131 (US).
- (74) **DURANT, Stephen, C.** et al. / etc.; Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, CA 94304-1018 (US).
- (81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)⁶ **A61B 5/00**
- (11) **WO 00/15105** (13) A1
- (21) PCT/US99/21116
- (22) **13 Sep/sep 1999 (13.09.1999)**
- (25) en (26) en
- (30) 60/100,176 **14 Sep/sep 1998** US
(14.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● A SYSTEM FOR MARKING THE LOCATIONS OF IMAGED TISSUE WITH RESPECT TO THE SURFACE OF THE TISSUE
● SYSTEME PERMETTANT DE MARQUER DES POINTS D'UN TISSU VISUALISE PAR RAPPORT A LA SURFACE DUDIT TISSU
- (71) **LUCID, INC.** [US/US]; 235 Middle Road, Henrietta, NY 14467 (US).
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- (72, 75) **ZAVISLAN, James, M.** [US/US]; 5 Wandering Trail, Pittsford, NY 14534 (US).
GREENWALD, Roger, J. [US/US]; 16787 Ridge Road, Holley, NY 14470 (US).
- (74) **LUKACHER, Kenneth, J.**; Harris Beach & Wilcox, LLP, The Granite Building, 130 East Main Street, Rochester, NY 14604-1687 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **A61B 5/0205**
- (11) **WO 00/15106** (13) A1
- (21) PCT/US99/20860
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 09/151,910 **11 Sep/sep 1998** US
(11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● DEVICE AND METHOD FOR MEASURING PULSUS PARADOXUS
● DISPOSITIF ET PROCEDE PERMETTANT DE MESURER LE POULS PARADOXAL
- (71, 72) **JAY, Gregory, D.** [US/US]; 3 Crossbow Road, Norfolk, MA 02056 (US).
- (74) **MOORE, Ronda, P.**; Testa, Hurwitz & Thibault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).
- (81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (51)⁷ **A61B 5/026**
- (11) **WO 00/15107** (13) A1
- (21) PCT/US99/21273
- (22) **15 Sep/sep 1999 (15.09.1999)**
- (25) en (26) en
- (30) 09/154,621 **16 Sep/sep 1998** US
(16.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● METHOD AND APPARATUS FOR MEASURING PERFUSION OF BIOLOGICAL TISSUE BY BLOOD
● PROCEDE ET DISPOSITIF PERMETTANT DE MESURER LA PERFUSION DE TISSU BIOLOGIQUE

(71) **MASSACHUSETTS INSTITUTE OF TECHNOLOGY** [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02142 (US).

(72) **COHEN, Richard, J.**; 4 Monadnock Road, Chestnut Hill, MA 02467 (US). **SHERMAN, Derin, A.**; 10 Mill Street, Lincoln, MA 01773 (US). **RUBIN, Robert, H.**; 78 Clinton Road, Brookline, MA 02146 (US).

(74) **PASTERNAK, Sam**; Choate, Hall & Stewart, Exchange Place, 53 State Street, Boston, MA 02109 (US).

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

Published / Publiée : (c)

(51)⁷ **A61B 5/0408**

(11) **WO 00/15108** (13) A1

(21) PCT/US99/21636

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) en (26) en

(30) 60/100,918 **17 Sep/sep 1998** US
(17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **PRESS DEVICE FOR A GEL/SENSOR ASSEMBLY**

• **PRESSE CONÇUE POUR UN ENSEMBLE DETECTEUR A GEL**

(71) **CYGNUS, INC.** [US/US]; 400 Penobscot Drive, Redwood City, CA 94063 (US).

(72) **BUTLER, Michael, J.**; 1724 Hyde Street, San Francisco, CA 94109 (US). **CONN, Thomas, E.**; 257 Kingsley Avenue, Palo Alto, CA 94301 (US). **LIU, David, M.**; 1219 Carmel Terrace, Los Altos, CA 94024 (US). **PARRIS, Norman, A.**; 2551 Sherborne Drive, Belmont, CA 94002 (US). **REIDY, Michael**; 475 Poplar Street, Half Moon Bay, CA 94019 (US). **SONI, Pravin**; 1320 Bedford Avenue, Sunnyvale, CA 94087 (US).

(74) **MCCLUNG, Barbara, G.**; Cygnus, Inc., 400 Penobscot Drive, Redwood City, CA 94063 (US) et al. / etc.

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

(51)⁷ **A61B 5/05, G01S 13/02, 13/89, G01N 22/00, G01V 3/12**

(11) **WO 00/15109** (13) A1

(21) PCT/US99/20595

(22) **8 Sep/sep 1999 (08.09.1999)**

(25) en (26) en

(30) 09/153,642 **15 Sep/sep 1998** US
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **MICROWAVE HEMATOMA DETECTOR**

• **DETECTEUR D'HEMATOMES A MICRO-ONDES**

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 1111 Franklin Street, 8th floor, Oakland, CA 94607-5200 (US).

(72) **HADDAD, Waleed, S.**; 6584-F Cottonwood Circle, Dublin, CA 94568 (US). **TREBES, James, E.**; 5937 Ocean Hills Way, Livermore, CA 94550 (US). **MATTHEWS, Dennis, L.**; 606 Stetson Street, Moss Beach, CA 94038 (US).

(74) **WOOLDRIDGE, John, P.**; P.O. Box 808, L-703, Livermore, CA 94551 (US).

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

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(51)⁶ **A61B 5/05**

(11) **WO 00/15110** (13) A1

(21) PCT/US99/20832

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 09/151,332 **11 Sep/sep 1998** US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **MEASUREMENT OF ELECTRIC AND/OR MAGNETIC PROPERTIES IN ORGANISMS USING INDUCED CURRENTS**

• **MESURE DE PROPRIETES ELECTRIQUES ET/OU MAGNETIQUES DANS DES ORGANISMES A L'AIDE DE COURANTS INDUITS**

(71) **RES TECHNOLOGIES LLC** [US/US]; Suite 3400, 150 E. 58th Street, New York, NY 10155 (US).

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(72, 75) **BROOKS, Juliana, H., J.** [US/US]; 5689 Walnut View Boulevard, Columbus, OH 43230 (US).

(74) **SCHWARTZ, Ansel, M.**; Suite 304, 201 N. Craig Street, Pittsburgh, PA 15213 (US).

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

(51)⁷ **A61B 5/103, 5/11**

(11) **WO 00/15111** (13) A1

(21) PCT/FI99/00727

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) en (26) en

(30) 981947 **11 Sep/sep 1998** FI
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **METHOD AND APPARATUS FOR MEASUREMENT OF SUBJECT'S SWAY**

• **PROCEDE ET APPAREIL POUR MESURER LE BALANCEMENT D'UN SUJET**

(71, 72) **KAMPMAN, Ville** [FI/FI]; Kurjenpolvi I J 2, FIN-90580 Oulu (FI).

(74) **LAURINOLLI, Tapio**; Patenttitoimisto Tapio Laurinolli, P.O. Box 258, FIN-90101 Oulu (FI).

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

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(51)⁶ **A61B 6/02, G01N 23/201**

(11) **WO 00/15112** (13) A1

(21) PCT/RU99/00333

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) ru (26) ru

(30) 98117703 **17 Sep/sep 1998** RU
(17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **REDUCED-ANGLE MAMMOGRAPHY DEVICE AND VARIANTS**

• **DISPOSITIF POUR MAMMOGRAPHIE A ANGLE REDUIT ET VARIANTES**

(71) **QUANTA VISION, INC.** [US/US]; Suite 214, 1670 South Amphlett Boulevard, San Mateo, CA 94402 (US).

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

(72, 75) **LAZAREV, Pavel Ivanovich** [RU/RU]; ul. Novoorlovskaya, 12-160, Moscow, 119633 (RU). **KOMARDIN, Oleg Valentinovich** [RU/RU]; ul. Elninskaya, 3-71, Moscow, 121467 (RU).

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

(51)⁶ A61B 8/00, 8/12

(11) WO 00/15113 (13) A1

(21) PCT/US99/19392

(22) 25 Aug/août 1999 (25.08.1999)

(25) en (26) en

(30) 09/153,819 15 Sep/sep 1998 US
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD AND APPARATUS FOR RINGDOWN REMOVAL

- PROCÉDE ET APPAREIL D'ÉLIMINATION DU SIGNAL DE TYPE \leq RINGDOWN \geq

(71) ENDOSONICS CORPORATION [US/US]; 2870 Kilgore Road, Rancho Cordova, CA 95670 (US).

(72) WU, Ching-Chen; 1053 Houston Circle, Sacramento, CA 95630 (US). LITZZA, Gerald, L.; 3581 Buena Vista Drive, Sacramento, CA 95864 (US). BLEAM, David; 8457 Cortadera Drive, Orangevale, CA 95662 (US). ZIEGENBEIN, Randall, C.; 6 Morningsun Court, Sacramento, CA 95831 (US).

(74) WRIGHT, Edward, S. et al. / etc.; Flehr Hohbach Test Albritton & Herbert LLP, 4 Embarcadero Center, Suite 3400, San Francisco, CA 94111-4187 (US).

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

(51)⁷ A61B 8/08

(11) WO 00/15114 (13) A1

(21) PCT/DE99/02872

(22) 10 Sep/sep 1999 (10.09.1999)

(25) de (26) de

(30) 198 41 859.0 14 Sep/sep 1998 DE
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR POSITIONING A BODY PART FOR TREATMENT IN A MEDICAL APPARATUS

- PROCÉDE POUR POSITIONNER SUR UN APPAREIL MÉDICAL UNE PARTIE DU CORPS DEVANT SUBIR UN TRAITEMENT

(71) DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES ÖFFENTLICHEN RECHTS [DE/DE]; Im Neuheimer Feld 280, D-69210 Heidelberg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KUHR, Gernot [DE/DE]; Ladenburger Strasse 55, D-69120 Heidelberg (DE). LAPPE, Christian [DE/DE]; Quinckestrasse 24, D-69120 Heidelberg (DE). SCHLEGEL, Wolfgang [DE/DE]; Angelweg 51, D-69121 Heidelberg (DE).

(74) CASTELL, Klaus et al. / etc.; Gutenbergstrasse 12, D-52349 Düren (DE).

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

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(51)⁷ A61B 8/08

(11) WO 00/15115 (13) A1

(21) PCT/US99/18578

(22) 16 Aug/août 1999 (16.08.1999)

(25) en (26) en

(30) 09/150,914 10 Sep/sep 1998 US
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • APPARATUS AND METHOD FOR CALIBRATION OF AN ULTRASOUND TRANSMISSION PROBE

- APPAREIL ET PROCÉDE D'ÉTALONNAGE D'UNE SONDE DE TRANSMISSION D'ULTRASONS

(71) METRA BIOSYSTEMS, INC. [US/US]; 265 North Whisman Road, Mountain View, CA 94043 (US).

(72) GOLL, Jeffrey, H.; 2552 Palisades Crest Drive, Oswego, OR 97034-7549 (US). BUHLER, Joe, P.; 1750 S.W. Midvale Road, Portland, OR 97219 (US).

(74) SUNSTEIN, Bruce, D. et al. / etc.; Bromberg & Sunstein LLP, 125 Summer Street, Boston, MA 02110-1618 (US).

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

(51)⁶ A61B 17/00

(11) WO 00/15116 (13) A1

(21) PCT/US99/19736

(22) 30 Aug/août 1999 (30.08.1999)

(25) en (26) en

(30) 09/150,909 10 Sep/sep 1998 US
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • DIRECT VISION SUBCUTANEOUS TISSUE RETRACTOR

- ECARTEUR DE TISSUS SOUS-CUTANÉS A VISION DIRECTE

(71) GENERAL SURGICAL INNOVATIONS, INC. [US/US]; 10460 Bubb Road, Cupertino, CA 95014 (US).

(72) RYDIN, Jeffrey; 652 Lincoln Avenue, Winnetka, IL 60093 (US). PALERMO, Thomas, J.; 4261 Leigh Avenue, San Jose, CA 95125 (US). PEARTREE, Kenneth, A.; 840 Meridian Way #75, San Jose, CA 95126 (US).

(74) ENGLISH, William, A.; Lyon & Lyon LLP, Suite 4700, 633 West Fifth Street, Los Angeles, CA 90071-2066 (US).

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

(51)⁷ A61B 17/00, B05B 7/06

(11) WO 00/15117 (13) A1

(21) PCT/US99/21521

(22) 17 Sep/sep 1999 (17.09.1999)

(25) en (26) en

(30) 60/100,718 17 Sep/sep 1998 US
(17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • SELF-CLEANING FLUID DELIVERY DEVICE FOR MEDICAL APPLICATIONS

- DISPOSITIF AUTONETTOYANT D'APPORT DE FLUIDE DESTINÉ A DES APPLICATIONS MÉDICALES

(71) FOCAL, INC. [US/US]; 4 Maguire Road, Lexington, MA 02173 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PICHON, Dean, M. [US/US]; 20 Bow Street, Arlington, MA 02474 (US). NEDDER, David, J. [US/US]; 55 Thacher Brook Circle #2, Attleboro, MA 02703 (US). SOUSA, John, R. [US/US]; 239 Ayer Road, Lot 78, Littleton, MA 01460 (US). KABLICK, J., Jeffrey [US/US]; 9 Old Stonehill Road, Tyngsboro, MA 01879 (US).

(74) OYER, Timothy, J.; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

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

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(51)⁶ A61B 17/02

(11) WO 00/15118 (13) A1

(21) PCT/EP99/01419

(22) 4 Mar/mar 1999 (04.03.1999)

(25) de (26) de

(30) 198 41 652.0 11 Sep/sep 1998 DE
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • FLAT RESTRAINING ELEMENT FOR BODY PARTS

- ÉLÉMENT DE RETENUE PLAT POUR PARTIES DU CORPS

(71) AESCULAP AG & CO. KG [DE/DE]; Am Aesculap-Platz, D-78532 Tuttlingen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BARBERA, Letterio [DE/DE]; St. Josef-Hospital Bochum, Chir. Klinik, Guderstrasse 56, D-44791 Bochum (DE).

- DWORSCHAK, Manfred** [DE/DE]; Riedweg 13, D-78589 Dürbheim (DE).
LUTZE, Theodor [DE/DE]; Hochstattweg 6, D-78582 Balgheim (DE).
- (74) **BÖHME, Ulrich**; Hoeger, Stellrecht & Partner GbR, Uhlandstrasse 14 c, D- 70182 Stuttgart (DE).
- (81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (51)⁷ **A61B 17/02**
(11) **WO 00/15119** (13) A2
(21) PCT/US99/20305
(22) **3 Sep/sep 1999 (03.09.1999)**
(25) en (26) en
(30) 60/100,443 **15 Sep/sep 1998** US
(15.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD AND APPARATUS FOR TEMPORARILY IMMOBILIZING A LOCAL AREA OF TISSUE
• IMMOBILISATION TEMPORAIRE D'UNE ZONE LOCALISEE DE TISSU ET DISPOSITIF A CET EFFET
- (63) US 60/100,442 (CIP)
15 Sep/sep 1998 (15.09.1998)
- (71) **MEDTRONIC, INC.** [US/US]; 7000 Central Avenue NE, Minneapolis, MN 55432 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BORST, Cornelius** [NL/NL]; Obrechtlaan 55, NL-3723 KB Bilthoven (NL).
MANSVELT-BECK, Hendricus, J. [NL/NL]; Bildzigt 14, NL-3721 KK Bilthoven (NL).
BOONE, Eric [US/US]; 7258 Walnut Avenue, Jenison, MI 49428 (US).
GOODMAN, Jack [US/US]; 3228 Cotton-tail Court, Ann Arbor, MI 48103 (US).
HALL, John, D. [US/US]; 2957 Longstreet Avenue SW, Wyoming, MI 49509 (US).
O'NEILL, William, G. [US/US]; 7267 Cuesta Way Drive, Rockford, MI 49341 (US).
TESTA, Vincent, J. [US/US]; 510 North Center Drive, Grand Rapids, MI 49544 (US).
VROEGOP, Eric [US/US]; 105 Birchwood, Holland, MI 49423 (US).
- (74) **JARO, Michael, J.** et al. / etc.; Medtronic, Inc. MS301, 7000 Central Avenue N.E., Minneapolis, MN 55432 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (22) **24 May/mai 1999 (24.05.1999)**
(25) en (26) en
(30) 09/153,640 **15 Sep/sep 1998** US
(15.09.1998)
(30) 09/205,751 **4 Dec/déc 1998** US
(04.12.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
- (54) • IONTOPHORETIC DRUG DELIVERY ELECTRODES
• ELECTRODES POUR ADMINISTRATION DE MEDICAMENTS PAR IONOPHORESE
- (71) **BIOPHORETIC THERAPEUTIC SYSTEMS, LLC** [US/US]; Suite 1500, One State Street, Boston, MA 02109 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HENLEY, Julian, L.** [US/US]; 38 Munger Road, Guilford, CT 06437 (US).
- (74) **PETIT, Michael, G.**; 1309-A State Street, Santa Barbara, CA 93101 (US).
- (81) AU CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **A61B 17/22**
(11) **WO 00/15121** (13) A1
(21) PCT/DE99/02913
(22) **14 Sep/sep 1999 (14.09.1999)**
(25) de (26) de
(30) 198 41 951.1 **14 Sep/sep 1998** DE
(14.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD AND DEVICE FOR VISUALIZING THE ORIENTATION OF THERAPEUTIC SOUND WAVES IN AN AREA TO BE TREATED OR MANIPULATED
• PROCEDE ET DISPOSITIF POUR VISUALISER L'ORIENTATION D'ONDES ACOUSTIQUES THERAPEUTIQUES SUR UNE ZONE A TRAITER
- (71) **STORZ MEDICAL AG** [CH/CH]; Untersee-strasse 47, CH-8280 Kreuzlingen (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HAGELAUER, Ulrich** [DE/CH]; Moosfeldstrasse 6, CH-8598 Bottighofen (CH).
- (74) **MÜNICH, Wilhelm**; Kanzlei Dr. Münich & Kollegen, Wilhelm-Mayr-Strasse 11, D-80689 München (DE).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)⁶ **A61B 17/39**
(11) **WO 00/15122** (13) A1
(21) PCT/US99/17839
(22) **6 Aug/août 1999 (06.08.1999)**
- (25) en (26) en
(30) 09/151,015 **10 Sep/sep 1998** US
(10.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
- (54) • CELLULAR SUBLIMATION PROBE AND METHODS
• SONDE ET PROCEDES DE SUBLIMATION CELLULAIRE
- (71) **FEMRX, INC.** [US/US]; 1221 Innsbrook Drive, Sunnyvale, CA 94089 (US).
- (72) **MILLER, Gary, H.**; 529 Bryce Court, Milpitas, CA 95035 (US).
- (74) **CIAMPORCERO, Audley, A., Jr.** et al. / etc.; Johnson & Johnson, 1 Johnson & Johnson Plaza, New Brunswick, NJ 08933 (US).
- (81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁶ **A61B 17/56, 17/00**
(11) **WO 00/15123** (13) A1
(21) PCT/US99/20214
(22) **2 Sep/sep 1999 (02.09.1999)**
(25) en (26) en
(30) 09/150,792 **10 Sep/sep 1998** US
(10.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
- (54) • FRACTURE FIXATION SYSTEM
• SYSTEME DE FIXATION POUR FRACTURE
- (63) US 09/150,792 (CIP)
10 Sep/sep 1998 (10.09.1998)
- (71) **HAND INNOVATIONS, INC.** [US/US]; 8905 S.W. 87th Avenue, Miami, FL 33176 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ORBAY, Jorge, L.** [US/US]; 390 Campana Avenue, Miami, FL 33156 (US).
CAS-TANEDA, Javier [US/US]; 9520 S.W. 117th Court, Miami, FL 33186 (US).
HERNAN-DEZ, Ernesto [US/US]; 8234 N.W. 192nd Terrace, Miami, FL 33105 (US).
- (74) **GORDON, David, P.**; 65 Woods End Road, Stamford, CT 06905 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **A61B 17/20, A61M 31/00, A61N 1/30**
(11) **WO 00/15120** (13) A1
(21) PCT/US99/11440
- (51)⁶ **A61B 17/58**
(11) **WO 00/15124** (13) A1
(21) PCT/US99/21632

(22) 17 Sep/sep 1999 (17.09.1999)

(25) en (26) en

(30) 09/156,040 17 Sep/sep 1998 US
(17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • MEASUREMENT DEVICE AND METHOD FOR TOTAL HIP ARTHROPLASTY
- DISPOSITIF ET PROCÉDE DE MESURE UTILISES EN ARTHROPLASTIE COMPLETE DE LA HANCHE

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

(72) **NAMBA, Robert, S.**; Southern Permanente Medical Group, 6 Willard Avenue, Irvine, CA 92604 (US).

(74) **OSMAN, Richard, Aron**; Science & Technology Law Group, 75 Denise Drive, Hillsborough, CA 94010 (US).

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

(51)⁷ A61B 17/70

(11) WO 00/15125 (13) A1

(21) PCT/CH99/00414

(22) 7 Sep/sep 1999 (07.09.1999)

(25) en (26) en

(30) 60/099,976 11 Sep/sep 1998 US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • VARIABLE ANGLE SPINAL FIXATION SYSTEM
- SYSTEME DE FIXATION VERTEBRALE A ANGLE VARIABLE

(71) **SYNTHE AG CHUR** [CH/CH]; Grabenstrasse 8, CH-7002 Chur (CH).
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(71) **SYNTHE (U.S.A.)** [US/US]; 1690 Russell Road, P.O. Box 1766, Paoli, PA 19301-1222 (US).
(only for / seulement pour CA)

(72, 75) **BRACE, Michael** [US/US]; 1611 Bridle Path Drive, Lansdale, PA 19446 (US). **LANGE, Eric** [US/US]; 2457 Calkins Road, Germantown, TN 38139 (US).

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

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

(51)⁷ A61B 17/70

(11) WO 00/15126 (13) A1

(21) PCT/US99/20725

(22) 10 Sep/sep 1999 (10.09.1999)

(25) en (26) en

(30) 09/153,315 15 Sep/sep 1998 US
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • TRANSVERSE CONNECTOR FOR SPINAL FIXATION SYSTEMS
- CONNECTEUR TRANSVERSAL POUR SYSTEMES DE FIXATION DE LA COLONNE VERTEBRALE

(71) **ADVANCED SPINE FIXATION SYSTEMS, INC.** [US/US]; Suite 110, 18 Technology Drive, Irvine, CA 92718 (US).

(72) **THOMAS, James, C., Jr.**; 3948 Placita Del Lazo, Las Vegas, NV 89120 (US).

(74) **PLUMLEY, David, A.**; Christie, Parker & Hale, LLP, P.O. Box 7068, Pasadena, CA 91109-7068 (US).

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

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(51)⁷ A61B 17/72

(11) WO 00/15127 (13) A1

(21) PCT/US99/20521

(22) 8 Sep/sep 1999 (08.09.1999)

(25) en (26) en

(30) 09/152,919 14 Sep/sep 1998 US
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • INTRAMEDULLARY NAIL WITH A HYBRID BOW
- CLOU INTRAMEDULLAIRE A COURBURE HYBRIDE

(71) **SMITH & NEPHEW, INC.** [US/US]; 1450 Brooks Road, Memphis, TN 38116 (US).

(72) **SANDERS, Roy**; 3611 Beach Drive, Tampa, FL 33629 (US). **RUSSELL, Thomas, A.**; 835 Harbour Isle Circle, Memphis, TN 38103 (US). **JAMES, Anthony**; 3605 Millie Drive, Bartlett, TN 38135 (US). **HOLLAND, Donna**; 6810 Glenridge Drive, Atlanta, GA 30328 (US). **PEPPER, John**; 7920 Ashbrook Cove, Germantown, TN 38138 (US). **GOSNEY, Mark, S.**; 6229 Malloch Drive, Memphis, TN 38119 (US).

(74) **STACEY, George, K.** et al. / etc.; Smith & Nephew, Inc., 1450 Brooks Road, Memphis, TN 38116 (US).

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

(51)⁷ A61B 17/84

(11) WO 00/15128 (13) A1

(21) PCT/GB99/02832

(22) 10 Sep/sep 1999 (10.09.1999)

(25) en (26) en

(30) 9819741.1 11 Sep/sep 1998 GB
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • IMPROVEMENTS IN AND RELATING TO BONE FIXINS
- AMELIORATIONS APORTEES OU SE RAPPORTANT A DES ELEMENTS DE FIXATION OSSEUSE

(71) **DEPUY INTERNATIONAL LIMITED** [GB/GB]; St Anthony's Road, Beeston, Leeds LS11 8DT (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BURGESS, Ian** [GB/GB]; Depuy International Limited, St Anthony's Road, Beeston, Leeds LS11 8DT (GB). **THOMPSON, Alistair, Ashley** [GB/GB]; Depuy International Limited, St. Anthony's Road, Beeston, Leeds LS11 8DT (GB).

(74) **PAWLYN, Anthony, Neil**; Urquhart-Dykes & Lord, Tower House, Merrion Way, Leeds LS2 8PA (GB).

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

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(51)⁷ A61B 18/02

(11) WO 00/15129 (13) A1

(21) PCT/IL99/00491

(22) 9 Sep/sep 1999 (09.09.1999)

(25) en (26) en

(30) 126182 11 Sep/sep 1998 IL
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • CRYOSURGICAL INSTRUMENT
• INSTRUMENT CRYOCHIRURGICAL
- (71) **AGGART INVEST INC.** [GB/GB]; Pasea Estate, P.O. Box 3149, Road Town, Tortola (VG).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BEN NUN, Yehoshua** [IL/IL]; Moshav Beit Herut 1/A, 40291 D.N. Vitkin (IL).
- (74) **REINHOLD COHN AND PARTNERS;** P.O. Box 4060, 61040 Tel Aviv (IL).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **A61B 18/14**
- (11) **WO 00/15130** (13) A2
- (21) PCT/US99/20431
- (22) **7 Sep/sep 1999 (07.09.1999)**
- (25) en (26) en
- (30) 09/150,830 **10 Sep/sep 1998** US
(10.09.1998)
- (30) 09/150,831 **10 Sep/sep 1998** US
(10.09.1998)
- (30) 09/150,832 **10 Sep/sep 1998** US
(10.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • SYSTEMS FOR CONTROLLING AN ABLATION PROCESS PERFORMED WITH A HEART ELECTROCATHETER
• SYSTEMES PERMETTANT DE CONTROLER UNE ABLATION EFFECTUEE AU MOYEN D'UN ELECTRO-CATHETER CARDIAQUE
- (71) **SCIMED LIFE SYSTEMS, INC.** [US/US]; One Scimed Place, Maple Grove, MN 55311 (US).
- (72) **SWANSON, David, K.;** Apartment 705, 877 Heatherstone Way, Mountain View, CA 94040 (US). **BURNSIDE, Robert;** 1226 Nilda Avenue, Mountain View, CA 94040 (US). **WHAYNE, James, G.;** 17930 Los Felice Road, Saratoga, CA 95070 (US). **PANESCU, Dorin;** Apartment 4, 382 North Fair Oaks, Sunnyvale, CA 94086 (US).
- (74) **SLAVIN, Craig, A.;** Henricks, Slavin & Holmes LLP, Suite 200, 840 Apollo Street, El Segundo, CA 90245 (US).
- (81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- (51)⁷ **A61B 18/24, A61F 7/12**
- (11) **WO 00/15131** (13) A1
- (21) PCT/SE99/01569
- (22) **9 Sep/sep 1999 (09.09.1999)**
- (25) en (26) en
- (30) 9803079-4 **10 Sep/sep 1998** SE
(10.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • DEVICE FOR HEAT TREATMENT OF BODY TISSUE
• DISPOSITIF SERVANT A EFFECTUER LE TRAITEMENT THERMIQUE D'UN TISSU CORPOREL
- (71) **PROSTALUND OPERATIONS AB** [SE/SE]; Höstbruksvägen 14, S-226 60 Lund (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BOLMSJÖ, Magnus** [SE/SE]; Karlavägen 14, S-223 40 Lund (SE). **STURESSON, Christian** [SE/SE]; Vintergatan 5 C, S-224 57 Lund (SE). **ANDERSSON-ENGELS, Stefan** [SE/SE]; Stormvägen 3, S-243 35 Höör (SE).
- (74) **HANSSON THYRESSON PATENT-BYRÅ AB;** Patent Dept., Box 73, S-201 20 Malmö (SE).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **A61B 19/00**
- (11) **WO 00/15132** (13) A2
- (21) PCT/CA99/00821
- (22) **9 Sep/sep 1999 (09.09.1999)**
- (25) en (26) en
- (30) 09/152,243 **11 Sep/sep 1998** US
(11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • APPARATUS FOR FRAMELESS STEREOTACTIC SURGERY
• APPAREIL POUR CHIRURGIE STEREOTAXIQUE SANS CADRE
- (71, 72) **HYNES, Brian** [CA/CA]; 11275 Fernand-Gauthier, Montreal, Quebec H1E 6X4 (CA). **OLIVIER, Andre** [CA/CA]; 1254 Boulevard Mont-Royal, Outremont, Quebec H2V 2H8 (CA).
- (74) **PILLAY, Kevin** et al. / etc.; Orange Chari Pillay, Toronto Dominion Bank Tower, Toronto-Dominion Centre, Suite 3600, P.O. Box 190, Toronto, Ontario M5K 1H6 (CA).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **A61B 19/00**
- (11) **WO 00/15133** (13) A2
- (21) PCT/CZ99/00032
- (22) **14 Sep/sep 1999 (14.09.1999)**
- (25) en (26) en
- (30) PV 2918-98 **14 Sep/sep 1998** CZ
(14.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • A METHOD OF A DECOMPOSITION AND AN ASSEMBLING OF GENERAL MICROCOMPUTER SYSTEMS
• PROCEDE DE DECOMPOSITION ET D'ASSEMBLAGE DE MICRO-SYSTEMES INFORMATIQUES GENERAUX
- (71) **UNIS SPOL. S R.O.** [CZ/CZ]; Jundrovská 33, 624 00 Brno (CZ).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ČERNÝ, Stanislav** [CZ/CZ]; Botanická 6, 602 00 Brno (CZ).
- (74) **KANIA, Frantisek;** Kania Sedlák Smola Patent Attorneys, Mendlovo náměstí 1a, 603 00 Brno (CZ).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **A61B 19/00**
- (11) **WO 00/15134** (13) A1
- (21) PCT/US99/21115
- (22) **13 Sep/sep 1999 (13.09.1999)**
- (25) en (26) en
- (30) 09/152,359 **14 Sep/sep 1998** US
(14.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • SYSTEM AND METHOD FOR PERFORMING IMAGE DIRECTED ROBOTIC ORTHOPEDIC PROCEDURES WITHOUT A FIDUCIAL REFERENCE SYSTEM

- SYSTEME ET PROCEDE PERMETTANT D'EXECUTER DES OPERATIONS ORTHOPEDIQUES ROBOTISEES DIRIGEEES PAR IMAGE SANS SYSTEME DE REPERAGE DE CLICHE
- (71) **INTEGRATED SURGICAL SYSTEMS** [US/US]; 1850 Research Park Drive, Davis, CA 95616-4884 (US).
- (72) **MITTELSTADT, Brent, D.**; 5375 Jamal Way, Placerville, CA 95667 (US). **COHAN, Steven, M.**; 720 First Street, Woodland, CA 95695 (US). **SCHREINER, Steve**; 10 Old Coach Road, Wilbraham, MA 01095 (US).
- (74) **HECKADON, David, R.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111-3834 (US).
- (81) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁶ **A61B 19/00, G09F 3/00, G01D 11/00**
- (11) **WO 00/15135** (13) A1
- (21) PCT/US99/21516
- (22) **16 Sep/sep 1999 (16.09.1999)**
- (25) en (26) en
- (30) 09/156,024 **17 Sep/sep 1998** US
(17.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • BLOOD TYPE-SPECIFIC SAFETY LABELING SYSTEM FOR PATIENTS AND BLOOD PRODUCTS
- SYSTEME D'ETIQUETAGE DE SECURITE SPECIFIQUE A UN TYPE DE SANG DESTINE A DES PATIENTS ET PRODUITS SANGUINS
- (71, 72) **KEENE, Douglas** [US/US]; 7 Westerly Road, Weston, MA 02193 (US).
- (74) **STEVENS, Richard, L.** et al. / etc.; Samuels, Gauthier & Stevens, Suite 3300, 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 GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **A61C 1/00**
- (11) **WO 00/15136** (13) A1
- (21) PCT/US99/20089
- (22) **2 Sep/sep 1999 (02.09.1999)**
- (25) en (26) en
- (30) 09/151,466 **11 Sep/sep 1998** US
(11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • IMPROVED ENDOSCOPIC METHOD AND DEVICE FOR SUBGINGIVAL DENTAL PROCEDURES
- DISPOSITIF ET PROCEDE ENDOSCOPIQUES AMELIORES POUR TECHNIQUES DENTAIREES SOUS-GINGIVALES
- (71) **INTERNATIONAL BIOVIEW, INC.** [US/US]; 34-B Mauchly Street, Irvine, CA 92618-2357 (US).
- (72) **CALLAN, Donald, P.**; Suite 300, 10319 West Markham, Little Rock, AR 72205 (US). **EBLING, Wendell, Victor**; 21131 Kensington Lane, Lake Forest, CA 92630 (US). **BECKMAN, Ronald, Bruce**; 28785 El Mino Lane, Mission Viejo, CA 92692 (US). **ELMORE, James, Charles**; 21965 Birchwood, Mission Viejo, CA 92692 (US). **EDWARDS, Craig, Gordon**; 27949 Chichlana, Mission Viejo, CA 92692 (US).
- (74) **STETINA BRUNDA GARRED & BRUCKER**; 4th floor, 24221 Calle de la Louisa, Laguna Hills, CA 92653 (US).
- (81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **A61C 5/10**
- (11) **WO 00/15137** (13) A1
- (21) PCT/SE99/01559
- (22) **8 Sep/sep 1999 (08.09.1999)**
- (25) sv (26) en
- (30) 9803075-2 **11 Sep/sep 1998** SE
(11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD AND DEVICE FOR, AND USE OF, A DENTAL PRODUCT OR OTHER PRODUCT FOR THE HUMAN BODY
- PROCEDE, DISPOSITIF ET UTILISATION D'UN PRODUIT DENTAIRE OU D'UN AUTRE PRODUIT A USAGE HUMAIN
- (71) **NOBEL BIOCARE AB (publ)** [SE/SE]; Box 5190, S-402 26 Göteborg (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ANDERSSON, Matts** [SE/SE]; Hammarströmstappa 2, S-443 39 Lerum (SE). **CARLSTRÖM, Elis** [SE/SE]; Arbogagatan 9, S-418 71 Göteborg (SE). **ERIKSSON, Mikael** [SE/SE]; Stjärnsköldsgatan 2A, S-414 70 Göteborg (SE).
- (74) **OLSSON, Gunnar**; Nobel Biocare AB (publ), Box 5190, S-402 26 Göteborg (SE).
- (81) AU CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)⁷ **A61C 8/00, A61B 17/88, G01L 5/24**
- (11) **WO 00/15138** (13) A1
- (21) PCT/SE99/01499
- (22) **1 Sep/sep 1999 (01.09.1999)**
- (25) en (26) en
- (30) 9803153-7 **17 Sep/sep 1998** SE
(17.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • ARRANGEMENT FOR AN INSTRUMENT WHICH COMPRISES OR IS CONNECTED TO A DRIVING-IN TOOL
- DISPOSITIF POUR UN INSTRUMENT COMPOSE D'UN OUTIL D'INSERTION OU ASSOCIE A UN TEL OUTIL
- (71) **NOBEL BIOCARE AB (publ)** [SE/SE]; P.O. Box 5190, S-402 26 Göteborg (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DAWOOD, Andrew** [GB/GB]; 45 Wimpole Street, London W1M 7DG (GB). **PETERSSON, Anders** [SE/SE]; Nordergårdsgatan 5, S-416 54 Göteborg (SE).
- (74) **OLSSON, Gunnar**; Nobel Biocare AB (publ), P.O. Box 5190, S-402 26 Göteborg (SE).
- (81) AU CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)⁷ **A61F**
- (11) **WO 00/15139** (13) A2
- (21) PCT/US99/21689
- (22) **16 Sep/sep 1999 (16.09.1999)**
- (25) en (26) en
- (30) 60/100,511 **16 Sep/sep 1998** US
(16.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • COMPRESSION DEVICE WITH COMPRESSION MEASURING SYSTEM
- DISPOSITIF DE CONTENTION AVEC SYSTEME DE MESURE DE CONTENTION
- (71) **CIRCAID MEDICAL PRODUCTS, INC.** [US/US]; Suite B 1, 9323 Chesapeake Drive, San Diego, CA 92123 (US).
- (74) **EASTHAM, R., Dabney** et al. / etc.; The Brotman Group, Suite 301, 7911 Herschel Avenue, La Jolla, CA 92037 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **A61F 2/00**
- (11) **WO 00/15140** (13) A1
- (21) PCT/US99/20377

- (22) **4 Sep/sep 1999 (04.09.1999)**
(25) en (26) en
(30) 60/100,396 **15 Sep/sep 1998** US
(15.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • INTRAURETHRAL CONTINENT PROTHESIS
• PROTHESE INTRA-URETRALE DE CONTINENCE
(71) **INFINITE BIOMEDICAL TECHNOLOGIES, INCORPORATED** [US/US]; Suite 12, 5622 Marine Parkway, New Port Richey, FL 34652 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **NATARAJAN, Ananth** [US/US]; Suite 12, 5622 Marine Parkway, New Port Richey, FL 34652 (US). **THAKOR, Nitish, V.** [US/US]; 12010 Misty Rise Court, Clarks-ville, MD 21029 (US).
(74) **RAYNES, Alan, S.**; Konrad Raynes & Victor, LLP, Suite 501, 1180 South Beverly Drive, Los Angeles, CA 90035 (US).
(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **A61F 2/00**
(11) **WO 00/15142** (13) A1
(21) PCT/US99/20933
(22) **10 Sep/sep 1999 (10.09.1999)**
(25) en (26) en
(30) 98/11331 **11 Sep/sep 1998** FR
(11.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • PERFORMED CURVED PROSTHESIS HAVING A REDUCED INCIDENCE OF DEVELOPING WRINKLES OR FOLDS
• PROTHESE INCURVEE PREFORMEE PRESENTANT UNE SUSCEPTIBILITE LIMITEE A L'APPARITION DE PLIS
(71) **C.R. BARD, INC.** [US/US]; 730 Central Avenue, Murray Hill, NJ 07974 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **PAJOTIN, Philippe** [FR/FR]; 26, rue du Maréchal Foch, F-49300 Cholet (FR).
(74) **HONEYMAN, Jason, M.** et al. / etc.; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).
(81) AU CA JP MX US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
Published / Publiée : (c)
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- (51)⁶ **A61F 2/06**
(11) **WO 00/15144** (13) A1
(21) PCT/US99/13189
(22) **10 Jun/juin 1999 (10.06.1999)**
(25) en (26) en
(30) 60/088,705 **10 Jun/juin 1998** US
(10.06.1998)
(30) 60/111,948 **11 Dec/déc 1998** US
(11.12.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • AORTIC ANEURYSM TREATMENT SYSTEMS
• SYSTEMES DE TRAITEMENT DE L'ANEVRISME DE L'AORTE
(71) **ADVANCED BYPASS TECHNOLOGIES, INC.** [US/US]; 7026 Koll Center Parkway, Suite 230, Pleasanton, CA 94566 (US).
(72) **HOUSER, Russell, A.**; 1787 Verdite Street, Livermore, CA 94550 (US). **WHAYNE, James, G.**; 868 Del Avion Lane, San Jose, CA 95138 (US). **FLEISCHMAN, Sidney, D.**; 855 Woodland Avenue, Menlo Park, CA 94025 (US).
(74) **REVELO, William, C.**; Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, CA 94304-1018 (US).
(81) AU JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **A61F 2/00**
(11) **WO 00/15141** (13) A1
(21) PCT/US99/20929
(22) **26 Aug/août 1999 (26.08.1999)**
(25) en (26) en
(30) 09/152,557 **14 Sep/sep 1998** US
(14.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • INSERTION DEVICE FOR STENTS AND METHODS FOR USE
• DISPOSITIF D'INSERTION DE PROTHESES ENDOVASCULAIRES ET SES PROCEDES D'UTILISATION
(71) **ENDOCARE, INC.** [US/US]; 7 Studebaker, Irvine, CA 92618 (US).
(72) **MIKUS, Paul, W.**; 109 Cottage Lane, Aliso Viejo, CA 92656 (US). **EUM, Jay, J.**; 5 Mistral, Aliso Viejo, CA 92656 (US). **BUI, Dennis**; 2678 North Bentley Street, Orange, CA 92867 (US). **KELLY, Gregory**; 28024 Marguerite Parkway, Unit G, Mission Viejo, CA 92692 (US).
(74) **LYON & LYON LLP**; Hallman, Jon, W., Suite 4700, 633 West Fifth Street, Los Angeles, CA 90071-2066 (US).
(81) AU BR CA JP SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
Published / Publiée : (c)
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- (51)⁷ **A61F 2/06**
(11) **WO 00/15146** (13) A1
(21) PCT/US99/20484

- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 60/099,691 **10 Sep/sep 1998** US
(10.09.1998)
- (30) 60/099,720 **10 Sep/sep 1998** US
(10.09.1998)
- (30) 60/099,767 **10 Sep/sep 1998** US
(10.09.1998)
- (30) 60/104,397 **15 Oct/oct 1998** US
(15.10.1998)
- (30) PCT/US99/03484 **17 Feb/fév 1999** US
(17.02.1999)
- (30) 09/369,039 **4 Aug/août 1999** US
(04.08.1999)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • TMR SHUNT
• SHUNT DE REVASCULARISATION
TRANSMYOCARDIQUE
- (63) US 09/369,039 (CIP)
4 Aug/août 1999 (04.08.1999)
- (71) **PERCARDIA, INC.** [US/US]; 20 Trafalgar Square, Suite 434, Nashua, NH 03063 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WILK, Peter, J.** [US/US]; 185 West End Avenue, New York, NY 10023 (US).
KAMM, Roger, D. [US/US]; – (US).
SHIM, Eun, Bo [US/US]; – (US).
- (74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson & Bear, LLP, 16th floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ **A61F 2/06**
- (11) **WO 00/15147** (13) A1
- (21) PCT/US99/20714
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 60/099,767 **10 Sep/sep 1998** US
(10.09.1998)
- (30) 60/104,397 **15 Oct/oct 1998** US
(15.10.1998)
- (30) 60/147,202 **4 Aug/août 1999** US
(04.08.1999)
- (30) 60/147,218 **4 Aug/août 1999** US
(04.08.1999)
- (30) 09/369,048 **4 Aug/août 1999** US
(04.08.1999)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • TMR SHUNT
• SHUNT TMR
- (63) US 09/369,048 (CIP)
4 Aug/août 1999 (04.08.1999)
- (71) **PERCARDIA, INC.** [US/US]; Suite 434, 20 Trafalgar Square, Nashua, NH 03063 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PHELPS, David, Y.** [US/US]; 904 Shady Lane, Louisville, KY 40223 (US).
FURNISH, Greg, R. [US/US]; 2614 Top Hill Road, Louisville, KY 40206 (US).
HALL, Todd, A. [US/US]; 1111 Crestview Way, Goshen, KY 40026 (US).
GRIFFIN, Mark [US/US]; Apartment 3, 4113 Bridgewood Court, Louisville, KY 40241 (US).
WOLF, Scott, J. [US/US]; 2501 Irvine Avenue South, Minneapolis, MN 55405 (US).
WILK, Peter, J. [US/US]; 185 West End Avenue, New York, NY 10023 (US).
SCHMELTER, Jay, W. [US/US]; 6090 Annapolis Lane North, Plymouth, MN 55466 (US).
FURNISH, Simon, M. [US/US]; 2429 Longest Avenue, Louisville, KY 40204 (US).
RENATI, Richard, J. [US/US]; * (US).
MELSKY, Gerald [US/US]; * (US).
GUILES, Marvin [US/US]; * (US).
- (74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson & Bear, LLP, Sixteenth Floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ **A61F 2/06, 2/24**
- (11) **WO 00/15148** (13) A1
- (21) PCT/US99/20736
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 60/099,719 **10 Sep/sep 1998** US
(10.09.1998)
- (30) 09/369,061 **4 Aug/août 1999** US
(04.08.1999)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • TRANSMYOCARDIAL SHUNT
• SHUNT TRANSMYOCARDIQUE
- (63) US 09/369,061 (CIP)
4 Aug/août 1999 (04.08.1999)
- (71) **PERCARDIA, INC.** [US/US]; 20 Trafalgar Square, Suite 434, Nashua, NH 03063 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WOLF, Scott, J.** [US/US]; 2501 Irvine Avenue South, Minneapolis, MN 55405 (US).
WILK, Peter, J. [US/US]; 185 West End Avenue, New York, NY 10023 (US).
PHELPS, David, Y. [US/US]; 904 Shady Lane, Louisville, KY 40223 (US).
FURNISH, Greg, R. [US/US]; 2614 Top Hill Road, Louisville, KY 40206 (US).
HALL, Todd, A. [US/US]; 1111 Crestview Way, Goshen, KY 40026 (US).
- (74) **SIMPSON, Andrew, H.**; Knobbe, Martens, Olson & Bear, LLP, Sixteenth floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).
- (72, 75) **WOLF, Scott, J.** [US/US]; 2501 Irvine Avenue South, Minneapolis, MN 55405 (US).
WILK, Peter, J. [US/US]; 185 West End Avenue, New York, NY 10023 (US).
PHELPS, David, Y. [US/US]; 904 Shady Lane, Louisville, KY 40223 (US).
PHILIPS, David, Y. [US/US]; 904 Shady Lane, Louisville, KY 40223 (US).
- (74) **BOOKOFF, Leslie, I.**; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ **A61F 2/06, 2/24**
- (11) **WO 00/15149** (13) A1
- (21) PCT/US99/20775
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 60/099,777 **10 Sep/sep 1998** US
(10.09.1998)
- (30) 09/368,393 **4 Aug/août 1999** US
(04.08.1999)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • TMR SHUNT WITH VALVE
• PONTAGE DE REVASCULARISATION
TRANSMYOCARDIQUE A VALVE
- (63) US 09/368,393 (CIP)
4 Aug/août 1999 (04.08.1999)
- (71) **PERCARDIA, INC.** [US/US]; 20 Trafalgar Square, Suite 434, Nashua, NH 03063 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WOLF, Scott, J.** [US/US]; 2501 Irvine Avenue South, Minneapolis, MN 55405 (US).
WILK, Peter, J. [US/US]; 185 West End Avenue, New York, NY 10023 (US).
PHELPS, David, Y. [US/US]; 904 Shady Lane, Louisville, KY 40223 (US).
FURNISH, Greg, R. [US/US]; 2614 Top Hill Road, Louisville, KY 40206 (US).
HALL, Todd, A. [US/US]; 1111 Crestview Way, Goshen, KY 40026 (US).
- (74) **SIMPSON, Andrew, H.**; Knobbe, Martens, Olson & Bear, LLP, Sixteenth floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).

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

Published / Publiée : (c)

(51)⁶ **A61F 2/06, H04L 27/30**

(11) **WO 00/15150** (13) A1

(21) PCT/US99/20802

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 09/151,610 **11 Sep/sep 1998** US
(**11.09.1998**)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • AN APPARATUS AND METHOD FOR PERFORMING A SIGNAL SEARCH IN A COHERENT WIRELESS COMMUNICATION SYSTEM

• DISPOSITIF ET PROCÉDE DE RECHERCHE DE SIGNAUX DANS UN SYSTÈME COHERENT DE COMMUNICATION SANS FIL

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **WANG, Michael, Mao**; 1310 York Drive, Carpentersville, IL 60110 (US). **BROWN, Tyler**; 1304 Patrick Drive, Mundeline, IL 60060 (US).

(74) **BELADI, Sayed, Hossein** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

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

Published / Publiée : (c)

(51)⁷ **A61F 2/06**

(11) **WO 00/15151** (13) A1

(21) PCT/US99/21106

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 09/156,267 **16 Sep/sep 1998** US
(**16.09.1998**)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • LINKAGE STENT

• STENT DE LIAISON

(71) **ISOSTENT, INC.** [US/US]; 1075 Old Country Road, Belmont, CA 94002 (US).

(72) **TURNLUND, Todd, H.**; 811 Mulberry Lane, Sunnyvale, CA 94087 (US). **DINH, Minh, Q.**; 33017 Compton Court, Union City, CA 94568 (US).

(74) **BEYER, Steve, D.**; Beyer & Weaver, LLP, P.O. Box 61059, Palo Alto, CA 94306 (US).

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

Published / Publiée : (c)

(51)⁷ **A61F 2/28**

(11) **WO 00/15152** (13) A1

(21) PCT/EP99/06682

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 09/152,437 **14 Sep/sep 1998** US
(**14.09.1998**)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • A BIOABSORBABLE, LAYERED COMPOSITE MATERIAL FOR GUIDED BONE TISSUE REGENERATION

• MATERIAU COMPOSITE MULTICOUCHE, RESORBABLE BIOLOGIQUEMENT, DESTINE A LA REGENERATION GUIDEE DU TISSU OSSEUX

(71) **BIONX IMPLANTS OY** [FI/FI]; Hermiankatu 6-8L, FIN-33720 Tampere (FI).

(72) **TÖRMÄLÄ, Pertti**; Saarenkarjenkuja 5 As. 2, FIN-33720 Tampere (FI). **KELLOMAKI, Minna**; Kasvitarhankatu 8, FIN-33500 Tampere (FI). **WARIS, Timo**; Gunillankuja 2 B 16, FIN-00870 Helsinki (FI).

(74) **KEIL & SCHAAFHAUSEN**; Cronstettensstrasse 66, D-60322 Frankfurt am Main (DE).

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

Published / Publiée : (c)

(51)⁶ **A61F 2/38**

(11) **WO 00/15153** (13) A1

(21) PCT/US99/20492

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) en (26) en

(30) 09/151,252 **10 Sep/sep 1998** US
(**10.09.1998**)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ARTHROSCOPIC REPLACEMENT OF CARTILAGE USING FLEXIBLE INFLATABLE ENVELOPES

• REMPLACEMENT ARTHROSCOPIQUE DE CARTILAGE AU MOYEN D'ENVELOPPES GONFLABLES SOUPLES

(71, 72) **MANSMANN, Kevin, A.** [US/US]; Suite 310, 250 W. Lancaster Avenue, Paoli, PA 19310 (US).

(74) **KELLY, Patrick, D.**; 33 Berry Oaks, Saint Louis, MO 63122 (US).

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

(51)⁷ **A61F 2/40**

(11) **WO 00/15154** (13) A1

(21) PCT/EP99/06689

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) de (26) de

(30) 198 41 612.1 **11 Sep/sep 1998** DE
(**11.09.1998**)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • IMPLANTABLE PROSTHESIS HAVING AT LEAST TWO SECTIONS WHICH CAN BE DISPLACED IN RELATION TO ONE ANOTHER, AND THE USE OF DISPLACEABLE SECTIONS

• PROTHESE IMPLANTABLE COMPORANT AU MOINS DEUX SECTIONS DEPLAÇABLES L'UNE PAR RAPPORT A L'AUTRE ET UTILISATION DES SECTIONS DEPLAÇABLES

(71) **ARGOMEDICAL AG** [CH/CH]; Gewerbestrasse 5, CH-6330 Cham (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KROPF, Philipp** [CH/CH]; Haldenstrasse 25, CH-8142 Uitikon (CH).

(74) **HIEBSCH, Gerhard, F.** et al. / etc.; Hiebsch Peege Behrmann, Heinrich-Weber-Platz 1, D-78224 Singen (DE).

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

Published / Publiée : (c)

(51)⁷ **A61F 2/46, 2/30**

(11) **WO 00/15155** (13) A1

(21) PCT/CH99/00395

(22) **26 Aug/août 1999 (26.08.1999)**

(25) de (26) de

(30) 98810897.3 **10 Sep/sep 1998** EP
(**10.09.1998**)

(30) 98122022.1 **20 Nov/nov 1998** EP
(**20.11.1998**)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • KIT FOR IMPLANTING A CEMENT FIXING ENDOPROSTHESIS

• KIT DESTINE A L'IMPLANTATION D'UNE ENDOPROTHESE POUVANT ETRE FIXEE PAR DU CIMENT

(71) **PLUS ENDOPROTHETIK AG** [CH/CH]; Erlenstrasse 4 b, CH-6343 Rotkreuz (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHMOTZER, Hans** [CH/CH]; Wallemattstrasse 8, CH-5742 Kolliken (CH). **HÄSSIG, Christoph** [CH/CH]; Brandackerstrasse 8, CH-5024 Küttigen (CH).

(74) **PATENTANWÄLTE SCHAAD, BALASS, MENZL & PARTNER AG**; Dufourstrasse 101 / Postfach, CH-8034 Zürich (CH).

(81) AU CN JP NO US ZA.

Published / Publiée : (c)

(51)⁶ A61F 2/66, B29C 33/42

(11) WO 00/15156 (13) A1

(21) PCT/US99/21074

(22) 13 Sep/sep 1999 (13.09.1999)

(25) en (26) en

(30) 09/152,910 14 Sep/sep 1998 US
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● PROSTHESIS COVERING APPARATUS
● APPAREIL DE REVETEMENT DE PROTHESE

(71) DAW INDUSTRIES, INC. [US/US]; 5737 Pacific Center Boulevard, San Diego, CA 92121 (US).

(72) MARQUETTE, Stuart; 335 LaCosta Avenue, Encinitas, CA 92121 (US).

(74) HAUGEN, Orrin, M.; Haugen Law Firm PLLP, 121 South Eighth Street, #1130, Minneapolis, MN 55402 (US).

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

Published / Publiée : (b)

(51)⁶ A61F 2/66, 2/70

(11) WO 00/15157 (13) A1

(21) PCT/US99/21318

(22) 14 Sep/sep 1999 (14.09.1999)

(25) en (26) en

(30) 60/100,127 14 Sep/sep 1998 US
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● PROSTHETIC, ORTHOTIC, AND OTHER REHABILITATIVE ROBOTIC ASSISTIVE DEVICES ACTUATED BY SMART MATERIALS
● DISPOSITIFS PROTHETIQUES, ORTHETIQUES ET AUTRES DISPOSITIFS DE READAPTATION ACTIONNES PAR DES MATERIAUX INTELLIGENTS

(71) RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY [US/US]; 58 Bevier Road, Piscataway, NJ 08854-8010 (US).

(72) CONSTANTINOS, Mavroidis; 20C Franklin Greens, Somerset, NJ 08873 (US). PFEIFFER, Charles; 946 Utah Drive, Toms River, NJ 08753 (US). DELAURENTIS, Kathryn, J.; 916 Cedar Drive, Newton, NJ 07980 (US). MOSELEY, Michael; 551 Meadow Road, Princeton, NJ 08540 (US).

(74) SCOLA, Daniel, A., Jr.; Hoffmann & Baron, LLP, 6900 Jericho Turnpike, Syosset, NY 11791 (US) et al. / etc.

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

(51)⁷ A61F 5/00, A61B 17/12

(11) WO 00/15158 (13) A1

(21) PCT/FR99/02186

(22) 14 Sep/sep 1999 (14.09.1999)

(25) fr (26) fr

(30) 98/11592 14 Sep/sep 1998 FR
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● GASTRIC CONSTRICTION DEVICE
● DISPOSITIF DE CONSTRICTION GASTRIQUE(71) SOFRADIM PRODUCTION [FR/FR]; 116, avenue du Formans, F-01600 Trevoux (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DARGENT, Jérôme [FR/FR]; 27, rue Sala, F-69002 Lyon (FR). GREILLIER, Bernard [FR/FR]; 38, avenue des Frères Lumière, F-69008 Lyon (FR).

(74) CABINET GERMAIN & MAUREAU; B.P. 6153, F-69466 Lyon Cedex 06 (FR).

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

(51)⁷ A61F 5/00

(11) WO 00/15159 (13) A1

(21) PCT/US99/18838

(22) 8 Sep/sep 1999 (08.09.1999)

(25) en (26) en

(30) 60/099,706 10 Sep/sep 1998 US
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● BACK SUPPORT AND METHOD OF USE THEREOF
● SUPPORT DORSAL ET SON MODE D'UTILISATION

(71, 72) BOWERS, Shan, L. [US/US]; 536 Huron Avenue, Cambridge, MA 02138 (US).

(74) DAY, Sharon, L.; Suite Z-2, 872 Massachusetts Avenue, Cambridge, MA 02139 (US).

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

Published / Publiée : (c)

(51)⁶ A61F 5/00

(11) WO 00/15160 (13) A1

(21) PCT/US99/20754

(22) 9 Sep/sep 1999 (09.09.1999)

(25) en (26) en

(30) 60/099,956 11 Sep/sep 1998 US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● WRIST SPLINT AND HEMOSTASIS DEVICE
● ATTELLE DE POIGNET ET DISPOSITIF D'HEMOSTASE

(71) ACCUMED SYSTEMS, INC. [US/US]; 334 E. Washington Street, Ann Arbor, MI 48104 (US).

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

(72, 75) KOROTKO, Joseph, R. [US/US]; 2234 Hillcrescent, Troy, MI 48098 (US). O'NEILL, William, W. [US/US]; 66 Lake Shore Road, Grosse Point Farms, MI 48236 (US). ALMANY, Steve, L. [US/US]; 2346 Walnut Lake Road, West Bloomfield, MI 48323 (US).

(74) SOLOWAY, Norman, P.; Hayes, Soloway, Hennessey, Grossman & Hage, P.C., 175 Canal Street, Manchester, NH 03101 (US).

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

(51)⁶ A61F 5/00

(11) WO 00/15161 (13) A1

(21) PCT/US99/21043

(22) 14 Sep/sep 1999 (14.09.1999)

(25) en (26) en

(30) 09/153,002 14 Sep/sep 1998 US
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● JOINT WITH RADIAL HYDRAULIC FORCE TRANSFER
● ARTICULATION A TRANSFERT RADIAL DE FORCE HYDRAULIQUE

(71, 72) **PANSIERA, Timothy, T.** [US/US]; 31 Teaberry Lane, Weaverville, NC 28787 (US).

(74) **MORSE, Dorothy, S.**; 515 Park Drive, NW, Bradenton, FL 34209-1847 (US).

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

(51)⁷ **A61F 5/01, 5/02**

(11) **WO 00/15162** (13) A1

(21) PCT/IB99/01514

(22) **7 Sep/sep 1999 (07.09.1999)**

(25) de (26) de

(30) 1855/98 **11 Sep/sep 1998 (11.09.1998)** CH

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● SUPPORT DEVICE FOR THE HUMAN BODY

● DISPOSITIF DE MAINTIEN POUR LE CORPS HUMAIN

(71, 72) **SEILER, Arnold** [CH/CH]; Villa Arcla, CH-7504 Pontresina (CH).

(74) **E. BLUM & CO.**; Vorderberg 11, CH-8044 Zürich (CH).

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

(51)⁷ **A61F 5/01**

(11) **WO 00/15163** (13) A1

(21) PCT/SE99/01608

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 9803110-7 **15 Sep/sep 1998 (15.09.1998)** SE

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● HALLUX VALGUS BRACE

● ATTELLE POUR HALLUX VALGUS

(71) **CAMP SCANDINAVIA AB** [SE/SE]; Karbingatan 38, S-254 67 Helsingborg (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SMITS, Jan** [NL/NL]; Holterbergweide 26, NL-5709 MP Helmond (NL).

(74) **ÅKERMAN, Mårten, L.** et al. / etc.; Albihns Patentbyrå Malmö AB, P.O. Box 4289, S-203 14 Malmö (SE).

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

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(51)⁶ **A61F 5/02**

(11) **WO 00/15164** (13) A1

(21) PCT/RU99/00216

(22) **29 Jun/juin 1999 (29.06.1999)**

(25) ru (26) ru

(30) 98116902 **15 Sep/sep 1998 (15.09.1998)** RU

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● DEVICE FOR TREATING KYPHOSCOLIOSIS

● DISPOSITIF PERMETTANT DE TRAITER LA CYPHO-SCOLIOSE

(71, 72) **AVERIYANOV, Andrej Igorevich** [RU/RU]; ul. Timiryazevskaya, 32-2-48, Moscow, 125422 (RU). **GUSEV, Vadim Borisovich** [RU/RU]; proezd Shokalskogo, 18-1-36, Moscow, 129642 (RU). **SARANKIN, Alexei Vadimovich** [RU/RU]; ul. Odesskaya, 14-3-6, Moscow, 113303 (RU). **CHUGUNOV, Vitaly Viktorovich** [RU/RU]; ul. Butyrskaya, 3-80, Moscow, 125015 (RU).

(74) **CHUGUNOV, Vitaly Viktorovich**; Berezo-vaya alleya, 14, a/ya 19, Moscow, 127273 (RU).

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

(51)⁶ **A61F 5/44, A61M 1/00**

(11) **WO 00/15165** (13) A1

(21) PCT/US99/20244

(22) **2 Sep/sep 1999 (02.09.1999)**

(25) en (26) en

(30) 09/151,870 **11 Sep/sep 1998 (11.09.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● ABSORBENT ARTICLE AND INSERTION MEANS FOR BODY CAVITIES

● ARTICLE ABSORBANT ET ORGANE D'INSERTION POUR CAVITES ANATOMIQUES

(71) **ULTRACELL MEDICAL TECHNOLOGIES OF CONNECTICUT, INC.** [US/US]; 183 Providence New London Turnpike, P.O. Box 326, North Stonington, CT 06359 (US).

(72) **KORTEWEG, Wayne**; 73 Iron Street, Ledyard, CT 06339 (US). **KORTEWEG, George, P.**; 178 Colonel Ledyard Highway, Mystic, CT 06355 (US).

(74) **DORMAN, Ira, S.**; Suite 200, 330 Roberts Street, East Hartford, CT 06108 (US).

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

(51)⁷ **A61F 5/455**

(11) **WO 00/15166** (13) A1

(21) PCT/IB99/01517

(22) **7 Sep/sep 1999 (07.09.1999)**

(25) en (26) en

(30) PE98U000021 **11 Sep/sep 1998 (11.09.1998)** IT

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● A DISPOSABLE FUNNEL-LIKE URINARY DEVICE FOR USE BY A STANDING FEMALE

● URINAL JETABLE DU TYPE EN ENTONNOIR UTILISABLE PAR UNE FEMME SE TENANT DEBOUT

(71) **DI GIACOMO QUIRINO & C. S.N.C. DEI ELLI DI GIACOMO ROBERTO & PIERINO** [IT/IT]; Via Ciattoni, 12, I-65125 Pescara (IT).

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

(72, 75) **DI GIACOMO, Roberto** [IT/IT]; Via Ciattoni, 12, I-65125 Pescara (IT).

(74) **MAROSCIA, Antonio**; Fenzi & Associati, Via Saval, 25, I-37124 Verona (IT).

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

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(51)⁶ **A61F 13/00, A61K 7/48**

(11) **WO 00/15167** (13) A1

(21) PCT/US99/20644

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 60/099,725 **10 Sep/sep 1998 (10.09.1998)** US

(30) 09/392,516 **9 Sep/sep 1999 (09.09.1999)** US

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● ANTI-INFLAMMATORY AND ANTI-MICROBIAL USES FOR BIOACTIVE GLASS COMPOSITIONS

● UTILISATIONS DE COMPOSITIONS CONTENANT DU VERRE BIOACTIF A DES FINS ANTI-INFLAMMATOIRES ET ANTIMICROBIENNES

(71) **USBIOMATERIALS CORPORATION** [US/US]; One Progress Boulevard, Box #23, Alachua, FL 32615 (US).

(72) **GREENSPAN, David, C.**; 3116 NW 62nd Terrace, Gainesville, FL 32606 (US). **WEST, Jon, K.**; 1931 NW 47th Street, Gainesville, FL 32605 (US). **LEE, Sean**; 737 NW 84th Street, Gainesville, FL 32607 (US). **MEYERS, James, L.**; 2610 NW 26th Place, Gainesville, FL 32605 (US). **DIAMOND, Mason**; Apartment E29, 5400 E. 39th Avenue, Gainesville, FL 32606 (US).

(74) **GRUDZIECKI, Ronald, L.** et al. / etc.; Burns, Doane, Swecker and Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313-1404 (US).

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

Published / Publiée : (c)

(51)⁶ **A61F 13/02**

(11) **WO 00/15168** (13) A1

(21) PCT/US99/12449

(22) **4 Jun/juin 1999 (04.06.1999)**

(25) en (26) en

(30) 60/099,806 **10 Sep/sep 1998 US (10.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **TOPICAL ANTI-FUNGAL TREATMENT FOR DANDRUFF**
• **TRAITEMENT ANTIFONGIQUE TOPIQUE CONTRE LES PELLICULES**

(71, 72) **DANCLAR, Wayne, G.** [US/US]; 8276 Bridgewater Place, Riverdale, GA 30296 (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 GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁶ **A61F 13/15, G01N 33/52**

(11) **WO 00/15169** (13) A1

(21) PCT/ES99/00291

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) es (26) es

(30) P 9801948 **16 Sep/sep 1998 ES (16.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **DIAPER WITH INDICATORS SENSITIVE TO THE STATUS OF THE IMPREGNATED URINE AND VISIBLE FROM OUTSIDE**

• **COUCHE-CULOTTE DOTEE D'INDICATEURS SENSIBLES A L'ETAT DE L'URINE L'IMPREGNANT ET VISIBLES DE L'EXTERIEUR**

(71, 72) **JIMENEZ CERRATO, Paula** [ES/ES]; Avenida Amilcar Barca, 17-4^a, E-11008 Cadiz (ES). **CHAMERO MARTINEZ, Manuel** [ES/ES]; Avenida Amilcar Barca, 17-4^a, E-11008 Cadiz (ES).

(74) **ALVARO HERRERA, Davila**; Asunción, 43-1^o izq., E-41011 Sevilla (ES).

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

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(51)⁶ **A61G 7/10, A61H 33/00**

(11) **WO 00/15170** (13) A1

(21) PCT/JP99/01233

(22) **12 Mar/mar 1999 (12.03.1999)**

(25) ja (26) ja

(30) 10/258397 **11 Sep/sep 1998 JP (11.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **NURSING LIFTING DEVICE**

• **DISPOSITIF DE LEVAGE POUR SOINS INFIRMIERS**

(71, 72) **KITAGAWA, Yasuhiro** [JP/JP]; 2111, Oaza Dainichi, Tachibanacho, Takeo-shi, Saga 843-8585 (JP).

(74) **FUJIMOTO, Noboru** et al. / etc.; Nagahori Community Building 4F, 5-8, Minami-semba 2-chome, Chuoh-ku, Osaka-shi, Osaka 542-0081 (JP).

(81) AU CA CN ID IN JP KR NO US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ **A61G 17/00**

(11) **WO 00/15171** (13) A1

(21) PCT/US99/20532

(22) **8 Sep/sep 1999 (08.09.1999)**

(25) en (26) en

(30) 09/153,626 **15 Sep/sep 1998 US (15.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **CASKET LID AND METHOD OF MAKING SAME**

• **COUVERCLE DE CASSETTE ET SON PROCEDE DE FABRICATION**

(71) **BATESVILLE SERVICES, INC.** [US/US]; One Batesville Boulevard, Batesville, IN 47006-7798 (US).

(72) **LINVILLE, John, E.**; 11205 Bakers Falls Court, Louisville, KY 40299 (US). **MAIER, Donald, R.**; 840 Foxtail Lane, Cincinnati, OH 45248 (US). **SAAF, Patrick, M.**; 129 Fitch Avenue, #4, Batesville, IN 47006 (US).

(74) **JACOBS, Wayne, L.** et al. / etc.; Wood, Herron & Evans, L.L.P., 2700 Carew Tower, Cincinnati, OH 45202 (US).

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

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(51)⁶ **A61H 7/00**

(11) **WO 00/15172** (13) A1

(21) PCT/US99/21051

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 09/152,782 **14 Sep/sep 1998 US (14.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **MULTIPLE SLEEVE METHOD AND APPARATUS FOR TREATING EDEMA AND OTHER SWELLING DISORDERS**

• **APPAREIL A MANCHES MULTIPLES ET PROCEDE CORRESPONDANT POUR LE TRAITEMENT DE L'OEDEME ET D'AUTRES ETATS LIES AU GONFLEMENT**

(63) US 09/152,782 (CON) 14 Sep/sep 1998 (14.09.1998)

(71, 72) **REID, Tony** [US/US]; P.O. Box 7433, Menlo Park, CA 94025 (US).

(74) **HECKADON, David, R.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111-3834 (US).

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

- (51)⁷ **A61J 3/07, B29C 47/12**
 (11) **WO 00/15173** (13) A1
 (21) PCT/DE99/02919
 (22) **14 Sep/sep 1999 (14.09.1999)**
 (25) de (26) de
 (30) 198 41 950.3 **14 Sep/sep 1998 DE (14.09.1998)**
 (30) 198 56 381.7 **7 Dec/déc 1998 DE (07.12.1998)**
 (43) 23 Mar/mar 2000 (23.03.2000)
 (54) ● **METHOD FOR PRODUCING GELATIN CAPSULES**
 ● **PROCEDE DE PRODUCTION DE CAPSULES**
 (71, 72) **VOSS, Gunter, M.** [DE/DE]; Ziegelstaedel 10, D-86911 Diessen/Ammersee (DE).
 (74) **MÜNICH, Wilhelm;** Dr. Münich & Kollegen, Wilhelm-Mayr-Strasse 11, D-80689 München (DE).
 (81) BR CA IL JP KR RU SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **A61K**
 (11) **WO 00/15174** (13) A2
 (21) PCT/KR98/00325
 (22) **20 Oct/oct 1998 (20.10.1998)**
 (25) en (26) en
 (30) 1998/37958 **15 Sep/sep 1998 KR (15.09.1998)**
 (43) 23 Mar/mar 2000 (23.03.2000)
 (54) ● **BIOFLAVONOID AS BLOOD GLUCOSE LEVEL LOWERING AGENT**
 ● **BIOFLAVONOIDE UTILISE EN TANT QU'AGENT PERMETTANT D'ABAISSE LE TAUX DE GLYCEMIE**
 (71, 72) **ARENCEBIA, Ignacio** [CU/SE]; Historiegränd 20A, 102, S-907 34 Umeå (SE). **SUNDQVIST, Karl-Gösta** [SE/SE]; Skäluddsvägen 16, S-178 32 Ekerö (SE).
 (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **A61K**
 (11) **WO 00/15175** (13) A2
 (21) PCT/SE99/01560
 (22) **8 Sep/sep 1999 (08.09.1999)**
 (25) en (26) en
 (30) 9803098-4 **10 Sep/sep 1998 SE (10.09.1998)**
 (30) 60/135,798 **24 May/mai 1999 US (24.05.1999)**
 (43) 23 Mar/mar 2000 (23.03.2000)
 (54) ● **NEW USE**
 ● **NOUVELLE UTILISATION**
 (71, 72) **ARENCEBIA, Ignacio** [CU/SE]; Historiegränd 20A, 102, S-907 34 Umeå (SE). **SUNDQVIST, Karl-Gösta** [SE/SE]; Skäluddsvägen 16, S-178 32 Ekerö (SE).
 (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **A61K**
 (11) **WO 00/15176** (13) A2
 (21) PCT/US99/20645
 (22) **10 Sep/sep 1999 (10.09.1999)**
 (25) en (26) en
 (30) 09/150,724 **10 Sep/sep 1998 US (10.09.1998)**
 (43) 23 Mar/mar 2000 (23.03.2000)
 (54) ● **TREATMENT OF CARCINOMAS USING SQUALAMINE IN COMBINATION WITH OTHER ANTI-CANCER AGENTS OR MODALITIES**
 ● **TRAITEMENT DES CARCINOMES A BASE DE SQUALAMINE COMBINEE A D'AUTRES AGENTS ANTICANCEREUX**
 (71) **MAGAININ PHARMACEUTICALS, INC.** [US/US]; 5110 Campus Drive, Plymouth Meeting, PA 19462 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **ZASLOFF, Michael** [US/US]; 274 Linden Lane, Merion Station, PA 19066 (US). **WILLIAMS, Jon** [US/US]; 11 Darvel Drive, Robbinsville, NJ 08691 (US). **SOKOLOFF, Mitchell, H.** [US/US]; 1060 Ramblewood Place, Charlottesville, VA 22901 (US).
 (74) **ADLER, Reid, G.** et al. / etc.; Morgan, Lewis & Bockis LLP, 1800 M Street, N.W., Washington, DC 20036-5869 (US).
 (81) AU CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **A61K**
 (11) **WO 00/15177** (13) A2
 (21) PCT/US99/20660
 (22) **9 Sep/sep 1999 (09.09.1999)**
 (25) en (26) en
 (30) 60/100,023 **11 Sep/sep 1998 US (11.09.1998)**
 (43) 23 Mar/mar 2000 (23.03.2000)
 (54) ● **PREVENTION OF RETINAL DEGENERATION IN RETINITIS PIGMENTOSA**
 ● **PREVENTION DE LA DEGENERESCENCE RETINIENNE DANS LA RETINITE PIGMENTAIRE**
 (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) **CHOJKIER, Mario** [US/US]; 12531 El Camino Real, San Diego, CA 92130 (US). **BUCK, Martina** [US/US]; 4070 Huerfano Avenue #128, San Diego, CA 92117 (US).
 (74) **MACKNIGHT, Kamrin, T.** et al. / etc.; Medlen & Carroll, LLP, Suite 2200, 220 Montgomery Street, San Francisco, CA 94104 (US).

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

(51)⁷ A61K

(11) WO 00/15178 (13) A2

(21) PCT/US99/21001

(22) 14 Sep/sep 1999 (14.09.1999)

(25) en (26) en

(30) 60/100,224 14 Sep/sep 1998 US (14.09.1998)

(30) 60/100,290 14 Sep/sep 1998 US (14.09.1998)

(30) 60/109,232 18 Nov/nov 1998 US (18.11.1998)

(30) 60/109,234 18 Nov/nov 1998 US (18.11.1998)

(30) 09/320,069 26 May/mai 1999 US (26.05.1999)

(30) 09/320,270 26 May/mai 1999 US (26.05.1999)

(30) 09/320,371 26 May/mai 1999 US (26.05.1999)

(30) 09/320,372 26 May/mai 1999 US (26.05.1999)

(30) 09/320,544 26 May/mai 1999 US (26.05.1999)

(30) 09/320,545 26 May/mai 1999 US (26.05.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● PHARMACOKINETIC-BASED DRUG DESIGN TOOL AND METHOD
● OUTIL DE CONCEPTION DE MEDICAMENTS BASE SUR LA PHARMACOCINETIQUE

(71) NAVICYTE, INC. [US/US]; 9880 Campus Point Drive, San Diego, CA 92121 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GRASS, George, M. [US/US]; 1506 Juniper Mountain Road, P.O. Box 1242, Tahoe City, CA 96145 (US). LEESMAN, Glen, D. [US/US]; 186 Nighthawk Lane, Hamilton, MT 59840-9307 (US). NORRIS, Daniel, A. [US/US]; 3145 Cowley Way #130, San Diego, CA 92117 (US). SINKO, Patrick, J. [US/US]; 2 Country Place, Lebanon, NJ 08833 (US). WEHRLI, John, E. [US/US]; 4225 Corte de la Siena, San Diego, CA 92130 (US).

(74) POSTNER, Marya, A.; Cooley Godward LLP, 3000 El Camino Real, Five Palo Alto Square, Palo Alto, CA 94306-2155 (US) et al. / etc.

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

(51)⁷ A61K 7/00

(11) WO 00/15179 (13) A2

(21) PCT/EP99/03234

(22) 5 May/mai 1999 (05.05.1999)

(25) en (26) en

(30) 09/150,841 10 Sep/sep 1998 US (10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● COSMETIC COMPOSITION

● COMPOSITION DE PRODUIT COSMETIQUE

(71) UNILEVER PLC [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).

(only for / seulement pour AE AU BB CA CY GB GD GH GM IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT UG ZA ZW)

(71) UNILEVER NV [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).

(for all designated States except / pour tous les États désignés sauf AE AU BB CA CY GB GD GH GM IE IL IN KE LC LK LS MN MW NZ SD SG SL SZ TT UG ZA ZW)

(71) HINDUSTAN LEVER LIMITED [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Mumbai 400 020, Maharashtra (IN).

(only for / seulement pour IN)

(72) WEINKAUF, Ronni, Lynn; Unilever Research U.S. Inc., 45 River Road, Edgewater, NJ 07020 (US). SANTHANAM, Uma; Unilever Research U.S. Inc., 45 River Road, Edgewater, NJ 07020 (US). PALANKER, Laura, Rose; Unilever Research U.S. Inc., 45 River Road, Edgewater, NJ 07020 (US). JANUARIO, Thomas, Eugene; Unilever Research U.S. Inc., 45 River Road, Edgewater, NJ 07020 (US). BRINKER, Anita, Maria; 14 Naudain Court, Wilmington, DE 19808 (US).

(74) ELLIOTT, Peter, William; Unilever plc, Patent Dept., Colworth House, Sharnbrook, Bedford MK44 1LQ (GB).

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

(51)⁷ A61K 7/00

(11) WO 00/15180 (13) A1

(21) PCT/US99/21210

(22) 9 Sep/sep 1999 (09.09.1999)

(25) en (26) en

(30) 09/154,531 11 Sep/sep 1998 US (11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● RHEOLOGY MODIFIED COMPOSITIONS AND PROCESSES THEREOF

● COMPOSITIONS A RHEOLOGIE MODIFIEE ET PROCEDES CORRESPONDANTS

(71) HERCULES INCORPORATED [US/US]; Intellectual Property Section, 8th floor, 1313 North Market Street, Wilmington, DE 19894-0001 (US).

(72) BRADY, James, Edmund; 1230 McKennan's Church Road, Wilmington, DE 19808-2149 (US).

(74) EDWARDS, David; Hercules Incorporated, Intellectual Property Section, 8th floor, 1313 North Market Street, Wilmington, DE 19894-0001 (US).

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

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(51)⁷ A61K 7/06

(11) WO 00/15181 (13) A1

(21) PCT/EP99/06720

(22) 9 Sep/sep 1999 (09.09.1999)

(25) en (26) en

(30) 09/153,471 15 Sep/sep 1998 US (15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● HAIR CARE COMPOSITIONS COMPRISING CERAMIDE AND PHYTANTRIOL

● COMPOSITIONS POUR SOINS CAPILLAIRES A BASE DE CERAMIDE ET PHYTANTRIOL

(71) UNILEVER PLC [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).

(only for / seulement pour AE AU BB CA CY GB GD GH GM IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT UG ZA ZW)

(71) UNILEVER NV [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).

(for all designated States except / pour tous les États désignés sauf AE AU BB CA CY GB GD GH GM IE IL IN KE LC LK LS MN MW NZ SD SG SL SZ TT UG ZA ZW)

(71) HINDUSTAN LEVER LIMITED [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Maharashtra, 400 020 Mumbai (IN).

(only for / seulement pour IN)

(72) **BERGMANN, Wolfgang, Robert**; Unilever Home & Personal Care USA, 3100 East Golf Road, Rolling Meadows, Chicago, IL 60008-4009 (US).

(74) **GRIFFITHS, Helen, Sarah**; Unilever PLC, Patent Dept., Colworth House, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB).

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

Published / Publiée : (c)

(51)⁷ **A61K 7/06**

(11) **WO 00/15182** (13) A1

(21) PCT/FR99/02171

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) fr (26) fr

(30) 98/11435 **14 Sep/sep 1998 (14.09.1998)** FR

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • COSMETIC HAIR COMPOSITIONS COMPRISING A DIISOCYANATE DIMETHICONOL/ISOPHORONE COPOLYMER AND AN ARYL SILICON

• COMPOSITIONS COSMETIQUES CAPILLAIRES COMPRENANT UN COPOLYMERE DIMETHICONOL/ISOPHORONE DIISOCYANATE ET UNE SILICONE ARYLEE

(71) **L'OREAL** [FR/FR]; 14, rue Royale, F-75008 Paris (FR).
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(72, 75) **DUPUIS, Christine** [FR/FR]; 15, rue Seveste, F-75018 Paris (FR).

(74) **MISZPUTEN, Laurent**; L'Oréal / D.P.I., 6, rue Bertrand Sincholle, F-92585 Clichy Cedex (FR).

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

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(51)⁷ **A61K 7/13**

(11) **WO 00/15183** (13) A1

(21) PCT/EP99/06525

(22) **4 Sep/sep 1999 (04.09.1999)**

(25) de (26) de

(30) 198 42 070.6 **15 Sep/sep 1998 (15.09.1998)** DE

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • AGENTS FOR DYEING FIBRES CONTAINING KERATIN

• PRODUIT DE COLORATION DE FIBRES CONTENANT DE LA KERATINE

(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) **MÖLLER, Hinrich** [DE/DE]; Haydnstrasse 27, D-40789 Monheim (DE). **HÖFFKES, Horst** [DE/DE]; Carlo-Schmid-Strasse 113, D-40595 Düsseldorf (DE).

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

(51)⁷ **A61K 7/13**

(11) **WO 00/15184** (13) A1

(21) PCT/EP99/06526

(22) **4 Sep/sep 1999 (04.09.1999)**

(25) de (26) de

(30) 198 42 071.4 **15 Sep/sep 1998 (15.09.1998)** DE

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR DYEING FIBRES CONTAINING KERATIN USING STABLE DIAZONIUM SALTS

• PROCEDE DE COLORATION DE FIBRES CONTENANT DE LA KERATINE A L'AIDE DE SELS DE DIAZONIUM STABLES

(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) **MÖLLER, Hinrich** [DE/DE]; Haydnstrasse 27, D-40789 Monheim (DE). **HÖFFKES, Horst** [DE/DE]; Carlo-Schmid-Strasse 113, D-40595 Düsseldorf (DE).

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

Published / Publiée : (c)

(51)⁷ **A61K 7/32, 7/38**

(11) **WO 00/15185** (13) A1

(21) PCT/EP99/06661

(22) **8 Sep/sep 1999 (08.09.1999)**

(25) en (26) en

(30) 9819991.2 **14 Sep/sep 1998 (14.09.1998)** GB

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ANTIPERSPIRANT PRODUCT AND METHOD

• PRODUIT ANTISUDORIFIQUE ET PROCEDE APPROPRIE

(71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).

(only for / seulement pour AE AU BB CA CY GB GD GH GM IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT UG ZA ZW)

(71) **UNILEVER NV** [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).

(for all designated States except / pour tous les États désignés sauf AE AU BB CA CY GB GD GH GM IE IL IN KE LC LK LS MN MW NZ SD SG SL SZ TT UG ZA ZW)

(71) **HINDUSTAN LEVER LIMITED** [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Maharashtra, 400 020 Mumbai (IN).

(only for / seulement pour IN)

(72) **BECK, Jon**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). **BURRY, Jason, S.**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). **COULSON, Helen, F.**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB).

(74) **PEARCE, Timothy**; Unilever PLC, Patent Department, Colworth House, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB).

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

(51)⁷ **A61K 7/48, 7/06**

(11) **WO 00/15186** (13) A1

(21) PCT/EP99/06524

(22) **4 Sep/sep 1999 (04.09.1999)**

(25) de (26) de

(30) 198 42 069.2 **15 Sep/sep 1998 (15.09.1998)** DE

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • USE OF CYCLIC CARBONATES AS MOISTURISERS

• UTILISATION DE CARBONATES CYCLIQUES COMME HYDRATANTS

(71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [DE/DE]; Henkelstrasse 67, D-40589 Düsseldorf (DE).

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(72, 75) **GASSENMEIER, Thomas, Otto** [DE/DE]; Mannheimer Weg 16, D-40229 Düsseldorf (DE). **LÖHL, Thorsten**

[DE/US]; 4206 Williamsburg Road, Cincinnati, OH 45215-5138 (US). **ANSMANN, Achim** [DE/DE]; Kirchberg 25, D-40699 Erkrath (DE). **KAHRE, Jörg** [DE/DE]; Am Treppchen 8, D-42799 Leichlingen (DE). **FISCHER, Detlef** [DE/DE]; Dilborner Strasse 53, D-41372 Niederkrüchten (DE).

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

Published / Publiée : (c)

(51)⁷ **A61K 7/48**

(11) **WO 00/15187** (13) A1

(21) PCT/EP99/06670

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) de (26) de

(30) 198 41 385.8 **10 Sep/sep 1998** DE
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • CREATINE AND/OR CREATINE DERIVATIVES USED AS COSMETIC PREPARATIONS CONTAINING MOISTURIZERS

• CREATINE ET/OU DERIVES DE CREATINE UTILISES COMME PREPARATIONS COSMETIQUES CONTENANT DES AGENTS DE MAINTIEN D'HUMIDIFICATION

(71) **SKW TROSTBERG AKTIEN-GESELLSCHAFT** [DE/DE]; Dr.-Albert-Frank-Strasse 32, D-83308 Trostberg (DE).

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

(72, 75) **GLOXHUBER, Christian** [DE/DE]; Josef-Decker-Strasse 10, D-83233 Bernau (DE). **MERTSCHENK, Bernd** [DE/DE]; Fichtenweg 19 b, D-83308 Trostberg (DE).

(74) **WEICKMANN, H.** et al. / etc.; Kopernikusstrasse 9, D-81679 München (DE).

(81) GB JP US.

Published / Publiée : (c)

(51)⁷ **A61K 7/48**

(11) **WO 00/15188** (13) A1

(21) PCT/FR99/02178

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) fr (26) fr

(30) 98/11533 **15 Sep/sep 1998** FR
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • COSMETIC OR DERMOPHARMACEUTICAL USE OF PEPTIDES FOR HEALING, HYDRATING AND IMPROVING SKIN APPEARANCE DURING NATURAL OR INDUCED AGEING (HELIODERMIA, POLLUTION)

• UTILISATION COSMETIQUE OU DERMOPHARMACEUTIQUE DE PEPTIDES POUR LA CICATRISATION, L'HYDRATATION ET L'AMELIORATION DE L'ASPECT

CUTANE LORS DU VIEILLISSEMENT NATUREL OU ACCELERE (HELIODERMIE, POLLUTION)

(71) **SEDERMA** [FR/FR]; 29 rue du Chemin Vert, Boîte postale 33, F-78610 Le Perray en Yvelines (FR).

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

(72, 75) **LINTNER, Karl** [FR/FR]; 15 Avenue du Parc, F-78120 Rambouillet (FR).

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

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(51)⁷ **A61K 7/48**

(11) **WO 00/15189** (13) A1

(21) PCT/PL99/00021

(22) **22 Jun/juin 1999 (22.06.1999)**

(25) en (26) en

(30) P.328642 **15 Sep/sep 1998** PL
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • COSMETIC PREPARATIONS

• PREPARATIONS COSMETIQUES

(71) **FABRYKA KOSMETYKÓW "POL-LENA - EWA" S.A.** [PL/PL]; ul. 6 Sierpnia 15/17, PL-90-616 Łódź (PL).

(72) **PAWLAK, Krzysztof**; ul. Kruszykowa 36, PL-91-356 Łódź (PL). **KILIAN, Henryka**; ul. Konstytucyjna 9, PL-90-155 Łódź (PL). **MACIERZYŃSKA, Ewa**; ul. Bułgarska 8a, PL-93-364 Łódź (PL). **KACZMARSKA, Hanna**; ul. Piotrkowska 247, PL-90-456 Łódź (PL).

(81) CZ HU RU SK UA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ **A61K 7/48, 7/32**

(11) **WO 00/15190** (13) A1

(21) PCT/US99/21172

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) 60/100,746 **17 Sep/sep 1998** US
(17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • COSMETIC COMPOSITIONS CONTAINING HIGHER ALKYL ACETATES AS EMOLLIENTS

• COMPOSITIONS COSMETIQUES RENFERMANT DES ACETATES D'ALKYLE SUPERIEURS COMME EMOLLIENTS

(71) **EXXON CHEMICAL PATENTS INC.** [US/US]; 5200 Bayway Drive, Baytown, TX 77520-5200 (US).

(72) **KOWALIK, Ralph, M.**; 5922 Autumn Dogwood Way, Kingwood, TX 77345 (US). **KUO, Karen, K.**; 1027 Woodbank Drive, Seabrook, TX 77586 (US).

(74) **GRIFFIS, Andrew, B.** et al. / etc.; Exxon Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (US).

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

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(51)⁷ **A61K 7/48, 7/32**

(11) **WO 00/15191** (13) A1

(21) PCT/US99/21276

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 60/100,608 **16 Sep/sep 1998** US
(16.09.1998)

(30) 60/116,705 **22 Jan/jan 1999** US
(22.01.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • USE OF ISOPARAFFIN EXTENDERS FOR CLEAR GEL COSMETIC COMPOSITIONS

• UTILISATION D'EXTENSEURS A L'ISOPARAFFINE POUR L'ELABORATION DE COMPOSITIONS COSMETIQUES CLAIRES A BASE DE GEL

(71) **EXXON CHEMICAL PATENTS INC.** [-/US]; 5200 Bayway Drive, Baytown, TX 77520-5200 (US).

(72) **KOWALIK, Ralph, M.**; 5922 Autumn Dogwood Way, Kingwood, TX 77345 (US). **KUO, Karen, K.**; 1027 Woodbank Drive, Seabrook, TX 77586 (US). **MERCHANT, Philip, Jr.**; 1551 Mission Springs, Katy, TX 77450 (US).

(74) **GRIFFIS, Andrew, B.** et al. / etc.; Exxon Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (US).

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

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(51)⁷ A61K 9/00, 31/715, 31/19

(11) WO 00/15192 (13) A1

(21) PCT/US99/08357

(22) 16 Apr/avr 1999 (16.04.1999)

(25) en (26) en

(30) 09/154,612 17 Sep/sep 1998 US
(17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● METHODS AND MATERIALS RELATED TO BIOADHESIVE CONTRACEPTIVE GELS

● PROCEDES ET SUBSTANCES POUR GELS CONTRACEPTIFS BIOADHESIFS

(71) ZONAGEN, INC. [US/US]; 2408 Timberloch Drive, B-4, The Woodlands, TX 77380 (US).

(72) FONTENOT, Gregory, K.; 24 Maywind Court, The Woodlands, TX 77381 (US).

(74) CAWLEY, Thomas, A., Jr.; Marshall, O'Toole, Gerstein, Murray & Borun, 6300 Sears Tower, 233 S. Wacker Drive, Chicago, IL 60606-6402 (US).

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

(51)⁶ A61K 9/12

(11) WO 00/15193 (13) A1

(21) PCT/AU99/00735

(22) 8 Sep/sep 1999 (08.09.1999)

(25) en (26) en

(30) PP 5831 11 Sep/sep 1998 AU
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● MOUSSE COMPOSITION

● COMPOSITION DE MOUSSE

(71) SOLTEC RESEARCH PTY LTD [AU/AU]; 8 Macro Court, Rowville, VIC 3178 (AU).

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

(72, 75) ABRAM, Albert, Zorko [AU/AU]; 3 Abbey Court, Wantirna, VIC 3152 (AU).

(74) JONES, Paul et al. / etc.; Freehills Patent Attorneys, Level 47, 101 Collins Street, Melbourne, VIC 3000 (AU).

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

(51)⁷ A61K 9/14, 45/00, 47/00, A01N 25/00

(11) WO 00/15194 (13) A1

(21) PCT/US99/21182

(22) 14 Sep/sep 1999 (14.09.1999)

(25) en (26) en

(30) 09/153,133 15 Sep/sep 1998 US
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● CALCIUM PHOSPHATE DELIVERY VEHICLE AND ADJUVANT

● VECTEUR ET ADJUVANT POUR ADMINISTRATION DU PHOSPHATE DE CALCIUM

(71) ETEX CORPORATION [US/US]; 38 Sidney Street, Cambridge, MA 02139 (US).

(72) LEE, Dosuk, D.; Apartment 518, 50 Longwood Avenue, Brookline, MA 02146 (US).
AILOVA, Maria; 123 Seawall Avenue, Brookline, MA 02146 (US).

(74) SCOZZAFAVA, Mary, Rose; Clark & Elbing LLP, 176 Federal Street, Boston, MA 02110-2214 (US).

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

Published / Publiée : (c)

(51)⁷ A61K 9/16, 9/20

(11) WO 00/15195 (13) A1

(21) PCT/DK99/00480

(22) 10 Sep/sep 1999 (10.09.1999)

(25) en (26) en

(30) PA 1998 01143 10 Sep/sep 1998 DK
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● QUICK RELEASE PHARMACEUTICAL COMPOSITIONS OF DRUG SUBSTANCES

● COMPOSITIONS A BASE DE SUBSTANCES MEDICAMENTEUSES A USAGE PHARMACEUTIQUE A LIBERATION RAPIDE

(71) NYCOMED DANMARK A/S [DK/DK]; Langebjerg 1, Postboks 88, DK-4000 Roskilde (DK).

(for all designated States except / pour tous les États désignés sauf US)(72, 75) BERTELSEN, Poul [DK/DK]; Duevej 42, 4.th., DK-2000 Frederiksberg (DK).
HANSEN, Nils, Gjerløv [DK/DK]; Kr. Zahrtmanns Plads 76, 1, DK-2000 Frederiksberg (DK).
RUCKENDORFER, Hermann [AT/AT]; Reichenenthal 170,

A-4193 Reichenenthal (AT). ITAI, Shigeru [JP/JP]; 403-21, 1-chome, Ageo-shi, Saitama 362-0046 (JP).

(74) PLOUGMANN, VINGTOFT & PARTNERS A/S; Sankt Annæ Plads 11, P.O. Box 3007, DK-1021 Copenhagen K (DK).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A61K 9/20, 31/12, 31/16

(11) WO 00/15196 (13) A1

(21) PCT/FI99/00740

(22) 13 Sep/sep 1999 (13.09.1999)

(25) en (26) en

(30) 09/152,263 14 Sep/sep 1998 US
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● PHARMACEUTICAL COMPOSITION COMPRISING ENTACAPONE OR NITCAPONE AS WELL AS A CROSS-LINKED CELLULOSE DERIVATIVE

● COMPOSITION PHARMACEUTIQUE COMPRENANT UNE ENTACAPONE OU NITCAPONE, DE MEME QU'UN DERIVE DE CELLULOSE RETICULE

(71) ORION CORPORATION [FI/FI]; Orionintie 1, FIN-02200 Espoo (FI).

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

(72, 75) VAHERVUO, Kari [FI/FI]; Maininkitie 3 C 11, FIN-02320 Espoo (FI).

(74) ORION CORPORATION; Orion Pharma, Industrial Property Rights, P.O. Box 65, FIN-02101 Espoo (FI).

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

Published / Publiée : (c)

- (51)⁶ **A61K 9/20, 9/24**
 (11) **WO 00/15197** (13) A1
 (21) PCT/US98/19404
 (22) **14 Sep/sep 1998 (14.09.1998)**
 (25) en (26) en
 (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● IMPROVEMENT IN TREATMENT OF PARKINSON'S DISEASE AND RELATED DISORDERS BY NOVEL FORMULATIONS OF THE COMBINATION CARBIDOPA-LEVODOPA
 ● AMELIORATION DU TRAITEMENT DE LA MALADIE DE PARKINSON ET DES TROUBLES LIÉS PAR DE NOUVELLES FORMULATIONS D'ASSOCIATIONS DE CARBIDOPA ET DE LEVODOPA
- (71, 72) **RUBIN, Alan, A.** [US/US]; 207 Hitching Post Drive, Wilmington, DE 19803 (US).
- (74) **FATO, Gildo, E.;** 515 Ash Street, Libertyville, IL 60048 (US).
- (81) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (51)⁶ **A61K 9/22, 9/52**
 (11) **WO 00/15198** (13) A1
 (21) PCT/IB99/00078
 (22) **19 Jan/jan 1999 (19.01.1999)**
 (25) en (26) en
 (30) 09/152,932 **14 Sep/sep 1998 US (14.09.1998)**
 (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● ORALLY ADMINISTERED CONTROLLED DRUG DELIVERY SYSTEM PROVIDING TEMPORAL AND SPATIAL CONTROL
 ● SYSTEME D'APPORT MEDICAMENTEUX REGULE ADMINISTRE ORALEMENT POUR UNE REGULATION SPATIALE ET TEMPORELLE
- (71) **RANBAXY LABORATORIES LIMITED** [IN/IN]; 19 Nehru Place, New Delhi 110 019 (IN).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **TALWAR, Naresh** [IN/IN]; L-48-B, Malviya Nagar, New Delhi 110 017 (IN). **SEN, Himadri** [IN/IN]; D-1/25, Qutab Enclave-1, Haryana 122 001 (IN). **STANFORTH, John, H.** [GB/GB]; High Trees, 170 Bloomfield Road, Bath BA2 2AU (GB).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 9/50, 31/557**
 (11) **WO 00/15200** (13) A1
 (21) PCT/GB99/02831
 (22) **10 Sep/sep 1999 (10.09.1999)**
 (25) en (26) en
 (30) 9819685.0 **10 Sep/sep 1998 GB (10.09.1998)**
 (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● ANTI-INFLAMMATORY PHARMACEUTICAL FORMULATIONS
 ● PREPARATIONS PHARMACEUTIQUES ANTI-INFLAMMATOIRES
- (71) **NORTON HEALTHCARE LTD.** [GB/GB]; Albert Basin, Royal Docks, London E16 2QJ (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WOOLFE, Austen, John** [GB/GB]; 31 Emberson Way, North Weald, Essex CM19 6DL (GB).
- (74) **BROWNE, Robin, Forsythe;** Urquhart-Dykes & Lord, Tower House, Merrion Way, Leeds LS2 8PA (GB).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 31/00**
 (11) **WO 00/15201** (13) A2
 (21) PCT/CA99/00814
 (22) **10 Sep/sep 1999 (10.09.1999)**
 (25) en (26) en
 (30) 09/151,385 **10 Sep/sep 1998 US (10.09.1998)**
 (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● COMPOSITIONS COMPRISING ONE OR MORE PHYTOSTEROLS, PHYTOSTANOLS OR MIXTURES OF BOTH AND ONE OR MORE ALPHA, BETA, DELTA, OR GAMMA TOCOTRIENOLS OR DERIVATIVES THEREOF AND USE OF THE COMPOSITIONS IN TREATING OR PREVENTING CARDIOVASCULAR DISEASE, ITS UNDERLYING CONDITIONS AND OTHER DISORDERS
 ● COMPOSITIONS COMPRENANT UN OU PLUSIEURS PHYTOSTEROLS, PHYTOSTANOLS, OU LEURS MELANGES, UN OU PLUSIEURS TOCOTRIENOLS, α , β , δ , γ , OU LEURS DERIVES, UTILISATION DE CES COMPOSITIONS POUR TRAITER OU PREVENIR L'AFFECTION CARDIOVASCULAIRE, SES ATTEINTES SOUS-JACENTES ET D'AUTRES ETATS PATHOLOGIQUES
- (71) **FORBES MEDI-TECH INC.** [CA/CA]; Suite 1066, 2000 West Hastings Street, Vancouver, British Columbia V6E 3X2 (CA).
- (72) **STEWART, David, John;** 401-3980 Inlet Crescent, North Vancouver, British Columbia V7G 2P9 (CA).
- (74) **BEN-OLIEL, Susan, M.;** Barrister & Solicitor, 2451 Eton Street, Vancouver, British Columbia V5K 1J6 (CA).

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

(51)⁷ A61K 31/00

(11) WO 00/15202 (13) A2

(21) PCT/CH99/00409

(22) 3 Sep/sep 1999 (03.09.1999)

(25) de (26) de

(30) 98117114.3 10 Sep/sep 1998 EP (10.09.1998)

(30) 99104466.0 5 Mar/mar 1999 EP (05.03.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • TOPICAL APPLICATION PRODUCTS
• PRODUITS POUR L'APPLICATION LOCALE

(71) IPR-INSTITUTE FOR PHARMACEUTICAL RESEARCH AG [CH/CH]; Lörracherstrasse 50, CH-4125 Riehen (CH). (for all designated States except / pour tous les États désignés sauf US)

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

(51)⁷ A61K 31/00

(11) WO 00/15203 (13) A2

(21) PCT/EP99/06298

(22) 27 Aug/août 1999 (27.08.1999)

(25) en (26) en

(30) 9820012.4 14 Sep/sep 1998 GB (14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • USE OF AN ANTHRACYCLINE DERIVATIVE FOR THE TREATMENT OF A LIVER TUMOR

• UTILISATION D'UN DERIVE D'ANTHRACYCLINE DANS LE TRAITEMENT D'UNE TUMEUR DU FOIE

(71) PHARMACIA & UPJOHN S.P.A. [IT/IT]; Via Robert Koch, 1.2, I-20152 Milano (IT). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) PACCIARINI, Maria, Adele [IT/IT]; Via degli Imbriani, 39, I-20158 Milano (IT). VALOTA, Olga [IT/IT]; Via Nazario Sauro, 99, I-20025 Legnano (IT). KERR, David [GB/GB]; 27 Westhill Road, Kings Norton, Birmingham B38 8TL (GB).

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

(51)⁷ A61K 31/00

(11) WO 00/15204 (13) A2

(21) PCT/EP99/06450

(22) 2 Sep/sep 1999 (02.09.1999)

(25) en (26) en

(30) 198 41 534.6 10 Sep/sep 1998 DE (10.09.1998)

(30) 199 01 061.7 14 Jan/jan 1999 DE (14.01.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • USE OF BENZENESULFONYL(THIO)UREAS FOR THE TREATMENT AND PROPHYLAXIS OF DYSFUNCTIONS OF THE AUTONOMOUS NERVOUS SYSTEM AND USE OF BENZENESULFONYL(THIO)UREAS IN COMBINATION WITH BETA-RECEPTOR BLOCKERS
• EMPLOI DE BENZENESULFONYL(THIO)UREES POUR LE TRAITEMENT ET LA PROPHYLAXIE DE TROUBLES DU SYSTEME NERVEUX AUTONOME, ET LEUR UTILISATION EN ASSOCIATION AVEC DES BETA-BLOQUANTS

(71) AVENTIS PHARMA DEUTSCHLAND GMBH [DE/DE]; Brüningstrasse 50, D-65929 Frankfurt am Main (DE).

(72) WIRTH, Klaus; Robert-Schumann-Ring 104, D-65830 Kriefel (DE). ENGLERT, Heinrich, Christian; Stormstrasse 13, D-65719 Hofheim (DE). BOHN, Helmut; Am Kranzbergering 11, D-61137 Schöneck (DE). GÖGELEIN, Heinz; Alois-Eckert-Strasse 31, D-60528 Frankfurt am Main (DE). HEITSCH, Holger; Castellumstrasse 52, D-55252 Mainz-Kastel (DE). GERLACH, Uwe; Im Heideck 30, D-65795 Hattersheim (DE).

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

(51)⁷ A61K 31/00

(11) WO 00/15205 (13) A2

(21) PCT/EP99/06648

(22) 9 Sep/sep 1999 (09.09.1999)

(25) en (26) en

(30) FI98A000208 11 Sep/sep 1998 IT (11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • USE OF ACETYLCHOLINESTERASE INHIBITORS FOR THE PREPARATION OF PHARMACEUTICAL COMPOSITIONS FOR THE TREATMENT OF FUNCTIONAL AND/OR ORGANIC PAIN SYNDROMES

• UTILISATION D'INHIBITEURS ACETYLCHOLINESTERASES POUR LA PREPARATION DE COMPOSITIONS PHARMACEUTIQUES DESTINEES AU TRAITEMENT DE SYNDROMES DE DOULEUR FONCTIONNELLE ET/OU ORGANIQUE

(71) EISAI CO., LTD. [JP/JP]; 6-10, Koishikawa 4-chome, Bunkyo-ku, Tokyo 112-8088 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) NICOLODI, Maria [IT/IT]; (IT). SICUTERI, Federico [IT/IT]; Via Montefiano, 2, I-50014 Fiesole (IT).

(74) GERVASI, Gemma; Notarbartolo & Gervasi S.p.A., Corso di Porta Vittoria, 9, I-20122 Milan (IT).

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

(51)⁷ A61K 31/00

(11) WO 00/15206 (13) A2

(21) PCT/EP99/06819

(22) 15 Sep/sep 1999 (15.09.1999)

(25) de (26) de

- (30) 198 42 416.7 **16 Sep/sep 1998** DE
(16.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • TRYPTOPHANYL ESTER AND THEIR N-ACYL DERIVATIVES FOR THE PREVENTION AND TREATMENT OF DISEASES CAUSED OR EXACERBATED BY OXIDATION PROCESSES
• ESTERS DE TRYPTOPHANYLE ET LEURS DERIVES N-ACYLE DESTINES A LA PREVENTION ET AU TRAITEMENT DE MALADIES DUES AU PROCEDE D'OXYDATION OU AMPLIFIEES PAR CE DERNIER
- (71) **MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E.V.** [DE/DE]; Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BEHL, Christian** [DE/DE]; Thormersstrasse 11, D-80933 München (DE). **MOOSMANN, Bernd** [DE/DE]; Peissenbergstrasse 21, D-81547 München (DE).
- (74) **VOSSIUS & PARTNER**; Siebertstrasse 4, D-81675 München (DE).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (51)⁷ **A61K 31/00**
(11) **WO 00/15207** (13) A2
(21) PCT/IB99/01547
(22) **15 Sep/sep 1999 (15.09.1999)**
(25) en (26) en
(30) 60/100,386 **15 Sep/sep 1998** US
(15.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
- (54) • COMBINED THERAPY FOR TREATMENT OF INFLAMMATION USING ELASTASE INHIBITOR(S) AND ANTIBACTERIAL AGENT(S)
• THERAPIE COMBINEE POUR LE TRAITEMENT DES INFLAMMATIONS, UTILISANT UN OU PLUSIEURS INHIBITEURS D'ELASTASE ET UN OU PLUSIEURS AGENTS ANTIBACTERIENS
- (71) **NAEJA PHARMACEUTICAL INC.** [CA/CA]; #2, 4290 - 91A Street, Edmonton, Alberta T6E 5V2 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MAITI, Samarendra, N.** [CA/CA]; 6756 - 39 Avenue, Edmonton, Alberta T6K 1T8 (CA). **PHILLIPS, O., A.** [CA/KW]; Department of Pharmaceutical Chemistry, Faculty of Pharmacy, Kuwait University, P.O. Box 24923, Safat 13110 (KW). **SALLAMA, Sameeh** [CA/CA]; 909 Normandy Drive, Sherwood Park, Alberta T8A 5X1 (CA). **MICEVICH, Ronald, G.** [CA/CA]; 12 Braeside Terrace, Sherwood Park, Alberta T8A 3V6 (CA).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 31/00**
(11) **WO 00/15208** (13) A2
(21) PCT/JP99/04978
(22) **10 Sep/sep 1999 (10.09.1999)**
(25) en (26) en
(30) PP 5841 **14 Sep/sep 1998** AU
(14.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
- (54) • NEW USE
• NOUVELLE UTILISATION
- (71) **FUJISAWA PHARMACEUTICAL CO., LTD.** [JP/JP]; 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YAMAMOTO, Nobuchika** [JP/JP]; 17-10-303, Mukomotomachi 1-chome, Amagasaki-shi, Hyogo 661-0043 (JP). **YAMAZAKI, Harumi** [JP/JP]; 1882-26, Shimoinayoshi, Chiyodamachi, Niihari-gun, Ibaraki 315-0052 (JP). **ISHIKAWA, Takeshi** [JP/JP]; 3-6-6-602, Kaminoshima-cho, Amagasaki-shi, Hyogo 661-0014 (JP). **JOHKEI, Shigeru** [JP/JP]; 2-1-13-1203, Koishikawa, Bunkyo-ku, Tokyo 112-0002 (JP). **SAKAI, Fumio** [JP/JP]; 6-7, Ninomiya 2-chome, Tsukuba-shi, Ibaraki 305-0051 (JP).
- (74) **TABUSHI, Eiji**; Fujisawa Pharmaceutical Co., Ltd., Osaka Factory, 1-6, Kashima 2-chome, Yodogawa-ku, Osaka-shi, Osaka 532-8514 (JP).
- (81) BR CA CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **A61K 31/00**
(11) **WO 00/15209** (13) A2
(21) PCT/US99/20840
(22) **10 Sep/sep 1999 (10.09.1999)**
(25) en (26) en
(30) 60/099,906 **11 Sep/sep 1998** US
(11.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
- (54) • REGULATION OF HER2/neu ONCOGENE EXPRESSION BY SYNTHETIC POLYAMIDES
• REGULATION DE L'EXPRESSION ONCOGENE DE HER2/NEU PAR DES POLYAMIDES SYNTHETIQUES
- (63) US 60/099,906 (CIP)
11 Sep/sep 1998 (11.09.1998)
- (71) **THE SCRIPPS RESEARCH INSTITUTE** [US/US]; 10550 North Torrey Pines Road, La Jolla, CA 92037 (US). **CALIFORNIA INSTITUTE OF TECHNOLOGY** [US/US]; 1200 East California Boulevard, Mail Code 210-85, Pasadena, CA 91125 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DERVAN, Peter** [IN/US]; 1235 St. Albans Road, San Marino, CA 91108 (US). **GOTTESFELD, Joel, M.** [US/US]; 10550 North Torrey Pines Road, La Jolla, CA 92037 (US). **LONG, John, J.** [US/US]; 158 Dexter Street, Tonawanda, NY 14150 (US).
- (74) **LAU, Kawai** et al. / etc.; Morrison & Foerster LLP, 2000 Pennsylvania Avenue, N.W., Washington, DC 20006-1888 (US).
- (81) AE AL AU BA BB BG BR CA CN CR CU CZ EE GE HU IL IN IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK TR TT UA US UZ VN ZA; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 31/00**
(11) **WO 00/15210** (13) A2
(21) PCT/US99/21003
(22) **14 Sep/sep 1999 (14.09.1999)**
(25) en (26) en
(30) 60/100,144 **14 Sep/sep 1998** US
(14.09.1998)
(30) 60/138,429 **10 Jun/juin 1999** US
(10.06.1999)
(43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHODS OF TREATING VIRAL DISEASE
• PROCÉDÉ POUR TRAITER UNE MALADIE VIRALE
- (71) **VERTEX PHARMACEUTICALS INCORPORATED** [US/US]; 130 Waverly Street, Cambridge, MA 02139-4242 (US).
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- (72, 75) **TUNG, Roger** [US/US]; 54 Richfield Road, Arlington, MA 01274 (US). **KWONG, Ann** [US/US]; 45 Sunset Road, Cambridge, MA 02138 (US).
- (74) **HALEY, James, F. Jr.**; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US) et al. / etc.

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

(51)⁷ A61K 31/00

(11) WO 00/15211 (13) A2

(21) PCT/US99/21377

(22) 17 Sep/sep 1999 (17.09.1999)

(25) en (26) en

(30) 09/156,102 17 Sep/sep 1998 US (17.09.1998)

(30) 60/126,489 26 Mar/mar 1999 US (26.03.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • COMPOSITIONS AND METHODS FOR TREATMENT OF GLUCOSE METABOLISM DISORDERS

• COMPOSITIONS ET TRAITEMENTS CONTRE LES TROUBLES DU METABOLISME DU GLUCOSE

(71) AKESIS PHARMACEUTICALS, INC. [US/US]; Suite B, 10565 Science Center Drive, San Diego, CA 92121 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) FINE, Stuart [US/US]; 2230 White Oak Drive, Northbrook, IL 60062 (US). KINSELLA, Kevin [US/US]; 1735 Castellana Road, La Jolla, CA 92037 (US).

(74) TAFT, Kingsley, L. et al. / etc.; Foley, Hoag & Eliot, LLP, One Post Office Square, Boston, MA 02109 (US).

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

(51)⁷ A61K 31/00

(11) WO 00/15212 (13) A2

(21) PCT/US99/21383

(22) 15 Sep/sep 1999 (15.09.1999)

(25) en (26) en

(30) 60/100,928 17 Sep/sep 1998 US (17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ANTIFUNGAL ACTIVITY OF DICATIONIC MOLECULES

• ACTIVITE ANTIFONGIQUE DE MOLECULES DICATIONIQUES

(71) THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL [US/US]; 308 Bynum Hall, Campus Box 4105, Chapel Hill, NC 27599-4105 (US). THE GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION, INC. [US/US]; University Plaza, Atlanta, GA 30303 (US). DUKE UNIVERSITY [US/US]; 230 North Building, Research Drive, P.O. Box 90083, Durham, NC 27712 (US).

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(72, 75) TIDWELL, Richard, R. [US/US]; 390 W.R. Clark Road, Pittsboro, NC 27312 (US). BOYKIN, David, W. [US/US]; 1369 Springdale Road, NE, Atlanta, GA 30303 (US). PERFECT, John, R. [US/US]; 3533 Mossdale Avenue, Durham, NC 27707-3813 (US).

(74) SMITH, Robert, J. et al. / etc.; Myers, Bigel, Sibley, & Sajovec, P.A., P.O. Box 37428, Raleigh, NC 27627 (US).

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

(51)⁶ A61K 31/16, 31/165, 31/195, 31/17, 31/42, 31/41, 31/34, 31/425, 31/405, 31/38, 31/535, 31/44

(11) WO 00/15213 (13) A1

(21) PCT/JP99/04859

(22) 8 Sep/sep 1999 (08.09.1999)

(25) ja (26) ja

(30) 10/258033 11 Sep/sep 1998 JP (11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • REMEDAL OR PREVENTIVE AGENT FOR CONGESTIVE HEART FAILURE

• AGENT DE PREVENTION OU DE TRAITEMENT DE L'INSUFFISANCE CARDIAQUE CONGESTIVE

(71) SHIONOGI & CO., LTD. [JP/JP]; 1-8, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).

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(72, 75) WATANABE, Fumihiko [JP/JP]; 2-5-22, Tomogaoka, Kanmaki-cho, Kitakatsuragi-gun, Nara 639-0203 (JP).

GEMBA, Takefumi [JP/JP]; 2-11-7, Obe, Kawanishi-shi, Hyogo 666-0014 (JP). TSUZUKI, Hiroshige [JP/JP]; 5-12-15, Osumigaoka, Kyotanabe-shi, Kyoto 610-0351 (JP). SHIMAMURA, Toshitake [JP/JP]; 1-7-20-202, Nigawatakadai, Takarazuka-shi, Hyogo 665-0062 (JP).

(74) YAMAUCHI, Hideaki et al. / etc.; Shionogi & Co., Ltd. Patent Dept., 12-4, Sagisu 5-chome, Fukushima-ku, Osaka-shi, Osaka 553-0002 (JP).

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

(51)⁷ A61K 31/19, 31/663, 31/505, 31/52, 31/195, 31/675, 31/444, 31/155, 31/415, 31/12, 38/08, 31/165, 38/12, A61P 19/02

(11) WO 00/15214 (13) A1

(21) PCT/IB99/01610

(22) 10 Sep/sep 1999 (10.09.1999)

(25) en (26) en

(30) 60/099,855 11 Sep/sep 1998 US (11.09.1998)

(30) 60/131,938 30 Apr/avr 1999 US (30.04.1999)

(30) 60/148,479 11 Aug/août 1999 US (11.08.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • Fc RECEPTOR MODULATORS AND USES THEREOF

• MODULATEURS DU RECEPTEUR Fc ET UTILISATION DE CES MODULATEURS

(71) ILEXUS PTY LIMITED [AU/AU]; c/o Austin Research Institute, Kronheimer Building, A & RMC, Studley Road, Heidelberg, VIC 3084 (AU).

(72) BAELL, Jonathan, B.; 77 Hawker Street, Ivanhoe, VIC 3079 (AU). GARRETT, Thomas, P., J.; 2 Gray Street, Brunswick, VIC 3056 (AU). HOGARTH, P., Mark; 23 Stewart Street, Williamstown, VIC 3016 (AU). MATTEWS, Barry, R.; 9 Roy Road, Olinda, VIC 3788 (AU). MCCARTHY, Thomas, D.; 40 Tooronga Road, East Malvern, VIC 3145 (AU). PIETERSZ, Geoffrey, A.; 10 Jumbunna Street, Greensborough, VIC 3088 (AU).

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

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(51)⁷ **A61K 31/19, C07C 69/00**

(11) **WO 00/15215** (13) A1

(21) PCT/KR99/00551

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 1998/37960 **15 Sep/sep 1998 (15.09.1998)** KR

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • COMPOSITION CONTAINING CINNAMIC ACID DERIVATIVES FOR PREVENTING OR TREATING ELEVATED BLOOD LIPID LEVEL-RELATED DISEASES

• COMPOSITION CONTENANT DES DERIVES D'ACIDE CINNAMIQUE POUR PREVENIR OU TRAITER LES INFECTIONS LIEES A UN NIVEAU ELEVE DE LIPIDES DANS LE SANG

(71) **KOREA RESEARCH INSTITUTE OF BIOSCIENCE AND BIOTECHNOLOGY** [KR/KR]; #52 Oeun-dong, Yuseong-gu, Daejeon 305-333 (KR).

(72) **BOK, Song, Hae**; Garam Apt., 15-1202 Samcheon-dong, Seo-gu, Daejeon 302-222 (KR). **JEONG, Tae, Sook**; Hanbit Apt., 127-1103, #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). **CHOL, Myung, Sook**; Garden Heights Apt., 102-203 Bumeo-4-dong, Suseong-gu, Daegu 706-014 (KR). **MOON, Surk, Sik**; Gonnaru Apt., 101-601, #5 Sinkwan-dong, Gongju-shi, Chungcheongnam-do 314-110 (KR). **KWON, Yong, Kook**; Hanbit Apt., 126-1307, #99 Oeun-dong, Yuseong-gu, Daejeon 305-333 (KR). **LEE, Eun, Sook**; #49-2, Daehung-3-dong, Jung-gu, Daejeon 301-013 (KR). **HYUN, Byung, Hwa**; Hanbit Apt., 131-1401, #99 Oeun-dong, Yuseong-gu, Daejeon 305-333 (KR). **CHOL, Yang, Kyu**; Hanbit Apt., 137-706, #99 Oeun-dong, Yuseong-gu, Daejeon 305-333 (KR). **LEE, Chul, Ho**; Gyungseong Kunmaeul Apt., 120-1307 Galma-dong, Seo-gu, Daejeon 302-171 (KR). **LEE, Sae, Bom**; Hanbit Apt., 111-301, #99 Oeun-dong, Yuseong-gu, Daejeon 305-333 (KR). **PARK, Young, Bae**; Hyundai Apt., 83-206, Apgujeong-dong, Kangnam-gu, Seoul 135-110 (KR).

(74) **JANG, Seong, Ku** et al. / etc.; KEC Building, 17th Floor, #275-7 Yangjae-dong, Seocho-ku, Seoul 137-130 (KR).

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

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(51)⁶ **A61K 31/335, C07D 323/00**

(11) **WO 00/15216** (13) A1

(21) PCT/US99/21015

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 60/100,371 **15 Sep/sep 1998 (15.09.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • THERAPEUTIC COMPOSITIONS (II)
• COMPOSITIONS THERAPEUTIQUES (II)

(71) **BTG INTERNATIONAL LIMITED** [GB/GB]; 10 Fleet Place, London EC4M 7SB (GB).
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(72, 75) **VEECH, Richard, L.** [US/US]; 712 Brent Road, Rockville, MD 20850 (US).

(74) **MITCHARD, Leonard, C.**; Nixon & Vanderhye P.C., Suite 800, 1100 North Glebe Road, Arlington, VA 22201-4714 (US).

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

(51)⁷ **A61K 31/35**

(11) **WO 00/15217** (13) A1

(21) PCT/SE99/01596

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) 9803155-2 **16 Sep/sep 1998 (16.09.1998)** SE

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • A NEW COMPOSITION
• NOUVELLE COMPOSITION

(71) **ASTRAZENECA AB** [SE/SE]; S-151 85 Södertälje (SE).
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(72, 75) **EVENDEN, John** [GB/US]; Astra Arcus USA, Inc., P.O. Box 20890, Rochester, NY 14603 (US). **THORBERG, Seth-Olov** [SE/SE]; Astra Arcus AB, S-151 85 Södertälje (SE).

(74) **ASTRAZENECA AB**; Intellectual Property, Patents, S-151 85 Södertälje (SE).

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

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(51)⁷ **A61K 31/35**

(11) **WO 00/15218** (13) A1

(21) PCT/SE99/01597

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) 9803156-0 **16 Sep/sep 1998 (16.09.1998)** SE

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • A NEW COMPOSITION
• NOUVELLE COMPOSITION

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

(72, 75) **EVENDEN, John** [GB/US]; Astra Arcus USA, Inc., P.O. Box 20890, Rochester, NY 14603 (US). **THORBERG, Seth-Olov** [SE/SE]; Astra Arcus AB, S-151 85 Södertälje (SE).

(74) **ASTRAZENECA AKTIEBOLAG**; Intellectual Property, Patents, S-151 85 Södertälje (SE).

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

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(51)⁷ **A61K 31/35**

(11) **WO 00/15219** (13) A1

(21) PCT/SE99/01598

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(25) en (26) en

(30) 9803157-8 **16 Sep/sep 1998 (16.09.1998)** SE

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • A NEW COMPOSITION
• NOUVELLE COMPOSITION

(71) **ASTRA AKTIEBOLAG** [SE/SE]; S-151 85 Södertälje (SE).

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(72, 75) **EVENDEN, John** [GB/US]; Astra Arcus USA, Inc., P.O. Box 20890, Rochester, NY 14603 (US). **THORBERG, Seth-Olov** [SE/SE]; Astra Arcus AB, S-151 85 Södertälje (SE).

(74) **ASTRA AKTIEBOLAG**; Intellectual Property, Patents, S-151 85 Södertälje (SE).

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

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(51)⁷ **A61K 31/35**

(11) **WO 00/15220** (13) A1

(21) PCT/SE99/01599

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) 9803158-6 **16 Sep/sep 1998 (16.09.1998)** SE

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • A NEW COMPOSITION
• NOUVELLE COMPOSITION

(71) **ASTRA AKTIEBOLAG** [SE/SE]; S-151 85 Södertälje (SE).

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(72, 75) **EVENDEN, John** [GB/US]; Astra Arcus USA, Inc., P.O. Box 20890, Rochester, NY 14603 (US). **THORBERG, Seth-Olov** [SE/SE]; Astra Arcus AB, S-151 85 Södertälje (SE).

(74) **ASTRA AKTIEBOLAG**; Intellectual Property, Patents, S-151 85 Södertälje (SE).

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

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(51)⁷ **A61K 31/375, 6/00**

(11) **WO 00/15221** (13) A1

(21) PCT/US99/19793

(22) **30 Aug/août 1999 (30.08.1999)**

(25) en (26) en

(30) 09/150,806 **10 Sep/sep 1998 (10.09.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • STABLE ASCORBIC ACID PREPARATION FOR TOPICAL USE
• PREPARATION STABLE D'ACIDE ASCORBIQUE POUR UTILISATION TOPIQUE

(71) **AVON PRODUCTS, INC.** [US/US]; 1251 Avenue of the Americas, New York, NY 10020-1196 (US).

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

(72, 75) **COWTON, Lorraine, M.** [US/US]; 275 Angola Road, Cornwall, NY 12518 (US). **DUFFY, John, A.** [US/US]; 47F Manchester Lane, West Milford, NJ 07480 (US). **DUGGAN, Michele, C.** [US/US]; 33 Kennedy Terrace, Middletown, NY 10940 (US).

(74) **RUGGIERO, Charles, N., J.**; Ohlandt, Greeley, Ruggiero & Perle, L.L.P., 9th Floor, One Landmark Square, Stamford, CT 06901-2682 (US).

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

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(51)⁶ **A61K 31/415, 31/41, C07D 471/02**

(11) **WO 00/15222** (13) A1

(21) PCT/US99/21070

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) 60/100,665 **16 Sep/sep 1998 (16.09.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • FUSED PYRIDINE INHIBITORS OF cGMP PHOSPHODIESTERASE
• INHIBITEURS FUSIONNES DE cGMP PHOSPHODIESTERASE A BASE DE PYRIDINE

(71) **BRISTOL-MYERS SQUIBB COMPANY** [US/US]; P.O. Box 4000, Princeton, NJ 08543-4000 (US).

(72) **MACOR, John, E.**; 258 Kuhl Road East, Flemington, NJ 08822 (US). **YU, Guixue**; 8 Greene Drive, Lawrenceville, NJ 08648 (US).

(74) **DAVIS, Stephen, B.** et al. / etc.; Bristol-Myers Squibb Company, P.O. Box 4000, Princeton, NJ 08543-4000 (US).

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

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(51)⁷ **A61K 31/425**

(11) **WO 00/15223** (13) A1

(21) PCT/US99/20986

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 60/100,377 **15 Sep/sep 1998 (15.09.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • TREATMENT OF PERSISTENT PAIN
• TRAITEMENT DE DOULEUR PERSISTANTE

(71) **ELI LILLY AND COMPANY** [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).
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(72, 75) **GOLDSTEIN, David, Joel** [US/US]; 1212 Kirkham Lane, Indianapolis, IN 46260 (US). **IYENGAR, Smriti** [IN/US]; 1507 Redwood Drive, Carmel, IN 46032 (US). **SIMMONS, Rosa, Marie, Ademe** [US/US]; 11144 Blackstone Court, Carmel, IN 46032 (US).

(74) **HARVEY, Suzanne, M.** et al. / etc.; Eli Lilly and Company, Lilly Corporate Center, Indianapolis, IN 46285 (US).

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

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(51)⁶ **A61K 31/44, 38/00**

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(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 60/100,687 **17 Sep/sep 1998 (17.09.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • PROTEIN FORMULATIONS
• PREPARATION A BASE DE PROTEINES
- (71) **ELI LILLY AND COMPANY** [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RINELLA, Joseph, Vincent, Jr.** [US/US]; 3640 Romar Drive, Brownsburg, IN 46112 (US).
- (74) **MACIAK, Ronald, S.**; Eli Lilly and Company, Lilly Corporate Center, Indianapolis, IN 46285 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **A61K 31/445**
- (11) **WO 00/15225** (13) A1
- (21) PCT/DK99/00482
- (22) **14 Sep/sep 1999 (14.09.1999)**
- (25) en (26) en
- (30) PA 1998 01163 **15 Sep/sep 1998 (15.09.1998)** DK
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • TREATMENT OF DEPRESSION
• TRAITEMENT DE LA DEPRESSION
- (71) **H. LUNDBECK A/S** [DK/DK]; Ottiliavej 9, DK-2500 Valby-Copenhagen (DK).
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- (72, 75) **SANCHEZ, Connie** [DK/DK]; Østeraager 58, DK-2600 Glostrup (DK).
- (74) **H. LUNDBECK A/S**; John Meidahl Petersen, Ottiliavej 9, DK-2500 Valby-Copenhagen (DK).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **A61K 31/451, A61P 27/16, 11/00**
- (11) **WO 00/15226** (13) A1
- (21) PCT/US99/18839
- (22) **9 Sep/sep 1999 (09.09.1999)**
- (25) en (26) en
- (30) 09/150,842 **10 Sep/sep 1998 (10.09.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • ANTIHISTAMINES FOR TREATING NON-INFECTIVE SINUSITIS OR OTITIS MEDIA
• ANTI-HISTAMINES TRAITANT LA SINUSITE OU L'OTITE MOYENNE NON INFECTIEUSE
- (71) **SCHERING CORPORATION** [US/US]; 2000 Galloping Hill Road, Kenilworth, NJ 07033-0530 (US).
- (72) **HARRIS, Alan, G.**; Apartment 29E, 200 W. 60th Street, New York, NY 10023 (US).
IEZZONI, Domenic, G.; 214 Fairfield Avenue, Ridgewood, NJ 07450 (US).
DANZIG, Melvyn, R.; 8 Lake Louise Road, Morganville, NJ 07751 (US).
LORBER, Richard, R.; 9 Michael Lane, Scotch Plains, NJ 07076 (US).
- (74) **KALYANARAMAN, Palaiyur, S.** et al. / etc.; Schering-Plough Corporation, Patent Dept., K-6-1 1990, 2000 Galloping Hill Road, Kenilworth, NJ 07033-0530 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CZ DE DK DM EE ES FI GB GD GE HR HU ID IL IN IS JP KG KR KZ LC LK LR LT LU LV MD MG MK MN MX NO NZ PL PT RO RU SE SG SI SK SL TJ TM TR TT UA UZ VN YU ZA; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **A61K 31/472, A61P 25/00, 25/14**
- (11) **WO 00/15227** (13) A1
- (21) PCT/EP99/06706
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 60/100,646 **14 Sep/sep 1998 (14.09.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • USE OF 3,4-DIHYDRO-6,7-DIMETHOXY- α -PHENYL-N,N-BIS [(2,3,4-TRIMETHOXYPHENYL) ETHYL]-1-I SOQUINOLINEACETAMIDE IN THE MANUFACTURE OF A MEDICAMENT FOR THE REDUCTION OF MOTOR DYSFUNCTION
• UTILISATION DE 3,4-DIHYDRO-6,7-DIMETHOXY- α -PHENYL-N,N-BIS [(2,3,4-TRIMETHOXYPHENYL) ETHYL]-1-ISOQUINOLINEACETAMIDE POUR LA FABRICATION D'UN MEDICAMENT DESTINE A LA REDUCTION D'UN TROUBLE MOTEUR
- (71) **BOEHRINGER INGELHEIM PHARMA KG** [DE/DE]; D-55216 Ingelheim am Rhein (DE).
- (72) **ENSINGER, Helmut**; Madgeburgerstrasse 54, D-55218 Ingelheim am Rhein (DE).
LOESEL, Walter; Im Herzenacker 26, D-55435 Gau-Algesheim (DE).
ARNDTS, Dietrich; Muehlstrasse 7, D-55437 Appenheim (DE).
LEUSCH, Andreas; Maelzerstrasse 15, D-88447 Warthausen (DE).
MCINTOSH, Tracy, Kahl; 909 Winding Lane, Media, PA 19063 (US).
SAATMAN, Kathryn, Eileen; 6 West Windermere Terrace, Lansdowne, PA 19104 (US).
RAGHUPATHI, Ramesh; 484 Casat Road, Berwyn, PA 19312 (US).
- (74) **LAUDIEN, Dieter**; Boehringer Ingelheim GmbH, D-55216 Ingelheim am Rhein (DE).
- (81) CA JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)⁷ **A61K 31/4985, A61P 9/08, 15/10**
- (11) **WO 00/15228** (13) A1
- (21) PCT/US99/19466
- (22) **26 Aug/août 1999 (26.08.1999)**
- (25) en (26) en
- (30) 09/154,051 **16 Sep/sep 1998 (16.09.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • COMBINATIONS OF TETRACYCLIC CYCLIC GMP-SPECIFIC PHOSPHODIESTERASE INHIBITORS WITH FURTHER THERAPEUTIC AGENTS
• COMBINAISONS D'INHIBITEURS DE PHOSPHODIESTERASE TETRACYCLIQUE CYCLIQUE SPECIFIQUE DE GMP AVEC D'AUTRES AGENTS THERAPEUTIQUES
- (71) **ICOS CORPORATION** [US/US]; 22021 20th Avenue S.E., Bothell, WA 98021 (US).
- (72) **DAUGAN, Alain, Claude-Marie**; 100, route de Versailles, F-78163 Marly Le Roi Cedex (FR).
GELLIBERT, Françoise; 100, route de Versailles, F-78163 Marly Le Roi Cedex (FR).
- (74) **NAPOLI, James, J.**; Marshall, O'Toole, Gerstein, Murray & Borun, 6300 Sears Tower, 233 South Wacker Drive, Chicago, IL 60606 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁶ **A61K 31/50, 31/505, 31/42**
- (11) **WO 00/15229** (13) A1
- (21) PCT/US99/20946

(22) 13 Sep/sep 1999 (13.09.1999)

(25) en (26) en

(30) 60/100,677 17 Sep/sep 1998 US
(17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR TREATING DIABETES EMPLOYING AN aP2 INHIBITOR AND COMBINATION

• PROCEDE DE TRAITEMENT DE DIABETES A L'AIDE DE L'INHIBITEUR AP2 ET COMBINAISON ASSOCIEE

(71) BRISTOL-MYERS SQUIBB COMPANY [-/US]; P.O. Box 4000, Princeton, NJ 08543-4000 (US).

(72) ROBL, Jeffrey, A.; 7 Tulip Drive, Newtown, PA 18940 (US). PARKER, Rex, A.; 147 Church Road, Titusville, NJ 08560 (US). BILLER, Scott, A.; 31 Second Street, Hopewell, NJ 08525 (US). JAMIL, Haris; 239 Burgundy Lane, Newton, PA 18940 (US). JACOBSON, Bruce, L.; 368 Vetterlein Avenue, Mercerville, NJ 08619 (US). KODUKULA, Krishna; 33 Douglass Drive, Princeton, NJ 08540 (US).

(74) RODNEY, Burton et al. / etc.; Bristol-Myers Squibb Co., P.O. Box 4000, Princeton, NJ 08543-4000 (US).

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

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(51)⁶ A61K 31/50, 31/505, 31/42

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(22) 13 Sep/sep 1999 (13.09.1999)

(25) en (26) en

(30) 60/100,677 17 Sep/sep 1998 US
(17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR TREATING ATHEROSCLEROSIS EMPLOYING AN aP2 INHIBITOR AND COMBINATION

• PROCEDE POUR TRAITER L'ATHEROSCLEROSE AU MOYEN D'UN INHIBITEUR D'aP2 OU D'UNE COMBINAISON CORRESPONDANTE

(71) BRISTOL-MYERS SQUIBB COMPANY [-/US]; P.O. Box 4000, Princeton, NJ 08543-4000 (US).

(72) ROBL, Jeffrey, A.; 7 Tulip Drive, Newtown, PA 18940 (US). PARKER, Rex, A.; 147 Church Road, Titusville, NJ 08560 (US). BILLER, Scott, A.; 31 Second Street, Hopewell, NJ 08525 (US). JAMIL, Haris; 239 Burgundy Lane, Newtown, PA 18940 (US). JACOBSON, Bruce, L.; 368 Vetterlein Avenue, Mercerville, NJ 08619 (US). KODUKULA, Krishna; 33 Douglas Drive, Princeton, NJ 08540 (US).

(74) RODNEY, Burton et al. / etc.; Bristol-Myers Squibb Co., P.O. Box 4000, Princeton, NJ 08543-4000 (US).

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

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(51)⁷ A61K 31/505, C07D 239/70, 487/12

(11) WO 00/15231 (13) A1

(21) PCT/US99/21103

(22) 15 Sep/sep 1999 (15.09.1999)

(25) en (26) en

(30) 09/154,435 16 Sep/sep 1998 US
(16.09.1998)(30) Not furnished / 23 Aug/août 1999 US
non communiqué (23.08.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ADENOSINE A₃ RECEPTOR MODULATORS
• MODULATEURS DES RECEPTEURS DE L'ADENOSINE A₃

(71) MEDCO RESEARCH INC. [US/US]; P.O. Box 13886, Research Triangle Park, NC 27709 (US).

(72) BARALDI, Pier, Giovanni; Via Fossato di Montara, 17-19, I-44100 Ferrara (IT). BOREA, Pier, Andrea; Via del Turco, 14, I-44100 Ferrara (IT).

(74) SAVAGE, Michael, G. et al. / etc.; Burns, Doane, Swecker & Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313-1404 (US).

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

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(51)⁷ A61K 31/54, A61P 1/04 // (A61K 31/54, 31:00)

(11) WO 00/15232 (13) A1

(21) PCT/GB99/03030

(22) 13 Sep/sep 1999 (13.09.1999)

(25) en (26) en

(30) 09/154,451 16 Sep/sep 1998 US
(16.09.1998)(30) 09/316,115 20 May/mai 1999 US
(20.05.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • TAUROLIDINE AND/OR TAURULTAM AGAINST INFECTIOUS ULCER OR GASTRITIS

• TAUROLIDINE ET/OU TAURULTAM DESTINES A LA LUTTE CONTRE LES ULCERES OU LES GASTRITES D'ORIGINE INFECTIEUSE

(71) ED GEISTLICH SÖHNE AG FÜR CHEMISCHE INDUSTRIE [CH/CH]; Bahnhofstrasse 40, Ch-6110 Wolhusen (CH).

(71) PETT, Christopher [GB/GB]; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).

(only for / seulement pour GB)

(72) PFIRRMANN, Rolf; Postfach 1424, CH-6000 Lucerne 15 (CH).

(74) PETT, Christopher et al. / etc.; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).

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

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(51)⁷ A61K 31/557, 31/47, 31/415, A61P 15/10 // (A61K 31/557, 31:47, 31:415)

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(21) PCT/US99/21513

(22) 17 Sep/sep 1999 (17.09.1999)

(25) en (26) en

(30) 09/154,677 17 Sep/sep 1998 US
(17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • COMPOSITIONS FOR THE TREATMENT OF MALE ERECTILE DYSFUNCTION

• COMPOSITIONS POUR LE TRAITEMENT DE LA DYSERECTION CHEZ L'HOMME

(63) US 09/154,677 (CIP)
17 Sep/sep 1998 (17.09.1998)

(71) ZONAGEN, INC. [US/US]; B-4, 2408 Timberloch Place, The Woodlands, TX 77380 (US).

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(72, 75) PODOLSKI, Joseph, S. [US/US]; 3 Pebble Hollow Court, The Woodlands, TX 77381 (US).

(74) UHL, Jill, E.; Marshall, O'Toole, Gerstein, Murray & Borun, 6300 Sears Tower, 233 South Wacker Drive, Chicago, IL 60606 (US).

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

(51)⁷ **A61K 31/58, A61P 27/16, 11/00**(11) **WO 00/15234** (13) A1

(21) PCT/US99/18840

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) en (26) en

(30) 09/150,847 **10 Sep/sep 1998** US
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • COMPOSITIONS COMPRISING CORTICOSTEROIDS FOR TREATING SINUSITIS OR OTITIS MEDIA
- COMPOSITIONS A BASE DE CORTICOSTEROIDES POUR TRAITER LA SINUSITE ET L'OTITE MOYENNE

(71) **SCHERING CORPORATION** [US/US]; 2000 Galloping Hill Road, Kenilworth, NJ 07033-0530 (US).(72) **JOHNSON, Nancy, R.;** 727 Glen Avenue, Westfield, NJ 07090-4326 (US).(74) **KALYANARAMAN, Palaiyur, S.** et al. / etc.; Patent Dept., K-6-1 1990, 2000 Galloping Hill Road, Kenilworth, NJ 07033-0530 (US).

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

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(21) PCT/US99/20972

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 09/151,534 **11 Sep/sep 1998** US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • METHOD OF USING TETRACYCLINE COMPOUNDS TO ENHANCE INTERLEUKIN-10 PRODUCTION
- METHODE UTILISANT DES COMPOSES DE TETRACYCLINE AFIN D'AUGMENTER UNE PRODUCTION D'INTERLEUKINE-10

(71) **THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK** [US/US]; P.O. Box 9, Albany, NY 12201-0009 (US). **UNIVERSITY OF ROCHESTER** [US/US]; 518 Hylan Building, P.O. Box 270140, Rochester, NY 14627 (US).(72) **GOLUB, Lorne, M.;** 29 Whitney Gate, Smithtown, NY 11787 (US). **RITCHLIN, Christopher, T.;** 4459 Middle Cheshire Road, Canandaigua, NY 14424 (US). **GREENWALD, Robert, A.;** 5 Vauxhall Court, Melville, NY 11747 (US). **HAAS-SMITH, Sally;** 8 Peabody Circle, Penfield, NY 14526 (US). **MOAK, Susan, A.;** 69-19 215 Street, Bayside, NY 11364 (US). **LEE, Hsi-Ming;** 20 Allyson Place, Setauket, NY 11733 (US).(74) **BARON, Ronald, J.;** Hoffmann & Baron, LLP, 6900 Jericho Turnpike, Syosset, NY 11791 (US).

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

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(51)⁶ **A61K 31/70, C08B 30/00, C13D 1/08, C07H 1/00, C13K 5/00, C12P 7/18**(11) **WO 00/15236** (13) A1

(21) PCT/US99/20746

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) en (26) en

(30) 60/099,748 **10 Sep/sep 1998** US
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • LOW TEMPERATURE NON-CRYSTALLIZING LIQUID XYLITOL COMPOSITIONS AND CO-HYDROGENATION PROCESSES FOR MAKING SAME
- COMPOSITIONS DE XYLITOL LIQUIDE NON-CRYSTALLISABLES A BASSES TEMPERATURES, ET PROCEDES DE PRODUCTION DES DITES COMPOSITIONS PAR CO-HYDROGENATION

(71) **SPI POLYOL, INC.** [US/US]; 321 Cherry Lane, New Castle, DE 19720 (US).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **CUNNINGHAM, Mary, Lou** [US/US]; 2918 Cheshire Road, Wilmington, DE 19810 (US). **KUENZLE, Charles, E.** [US/US]; 1013 Marrows Road, Newark, DE 19713 (US). **YANG, Marguerite** [US/US]; 137 Wyeth Way, Hockessin, DE 19707 (US). **JAMIESON, Peter** [US/US]; 208 West VanBuren Avenue, New Castle, DE 19720 (US).(74) **PEZZNER, Ashely, I.;** Connolly Bove Lodge & Hutz LLP, 1220 Market Street, P.O. Box 2207, Wilmington, DE 19899-2207 (US).

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

(51)⁷ **A61K 31/7048, A23L 1/30, 1/302, 2/52, A61K 35/78**(11) **WO 00/15237** (13) A1

(21) PCT/KR99/00550

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 1998/37959 **15 Sep/sep 1998** KR
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • COMPOSITION CONTAINING RUTIN AND QUERCETIN FOR PREVENTING OR TREATING ELEVATED BLOOD LIPID LEVEL-RELATED DISEASES
- COMPOSITION CONTENANT DE LA RUTINE ET DE LA QUERCETINE, UTILISEE POUR LE TRAITEMENT OU LA PREVENTION DE MALADIES ASSOCIEES A UN TAUX DE LIPIDES ELEVE DANS LE SANG

- (71) **KOREA RESEARCH INSTITUTE OF BIOSCIENCE AND BIOTECHNOLOGY** [KR/KR]; #52, Oeun-dong, Yuseong-gu, Daejeon 305-333 (KR).
- (72) **BOK, Song, Hae**; Garam Apt. 15-1202, Samcheon-dong, Seo-gu, Daejeon 302-222 (KR). **JEONG, Tae, Sook**; Hanbit Apt. 127-1103, #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). **MOON, Surk, Sik**; Gomnaru Apt. 101-601, #5, Shinkwan-dong, Gongju-shi, Chungcheongnam-do 314-110 (KR). **KWON, Yong, Kook**; Hanbit Apt. 126-1307, #99, Oeun-dong, Yuseong-gu, Daejeon 305-333 (KR). **LEE, Eun, Sook**; #49-2, Daehung-3-dong, Jung-gu, Daejeon 301-013 (KR). **HYUN, Byung, Hwa**; Hanbit Apt. 131-1401, #99, Oeun-dong, Yuseong-gu, Daejeon 305-333 (KR). **CHOI, Yang, Kyu**; Hanbit Apt. 137-706, #99, Oeun-dong, Yuseong-gu, Daejeon 305-333 (KR). **LEE, Chul, Ho**; Gyungseong Kunmaeul Apt. 120-1307, Galma-dong, Seo-gu, Daejeon 302-171 (KR). **LEE, Sae, Bom**; Hanbit Apt. 111-301, #99, Oeun-dong, Yuseong-gu, Daejeon 305-333 (KR). **PARK, Young, Bae**; Hyundai Apt. 83-206, Apgujeong-dong, Kangnam-gu, Seoul 135-110 (KR). **KIM, Hyo, Soo**; Hyundai Apt. 85-1401, Apgujeong-dong, Kangnam-gu, Seoul 135-110 (KR).
- (74) **JANG, Seong, Ku** et al. / etc.; KEC Building, 17th floor, #275-7, Yangjae-dong, Seocho-ku, Seoul 137-130 (KR).
- (81) CA CN JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
- (51)⁷ **A61K 31/715, 39/395, C07K 16/00**
- (11) **WO 00/15238** (13) A1
- (21) PCT/US99/20787
- (22) **14 Sep/sep 1999 (14.09.1999)**
- (25) en (26) en
- (30) 60/100,146 **14 Sep/sep 1998 (14.09.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • COMPOSITIONS OF β -GLUCANS AND SPECIFIC IGIV
• COMPOSITIONS DE β -GLUCANES ET D'IMMUNOGLOBULINES SPECIFIQUES
- (63) US 60/100,146 (CIP)
14 Sep/sep 1998 (14.09.1998)
- (71) **NABI** [US/US]; 12280 Wilkins Avenue, Rockville, MD 20852 (US).
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- (72, 75) **PAVLIAK, Viliam** [US/US]; 31 Le Pere Drive, Pittsford, NY 14534 (US). **FATTOM, Ali, Ibrahim** [US/US]; 1710 Lorre Drive, Rockville, MD 20852 (US). **NASO, Robert,**
- B.** [US/US]; 8630 Lochaven Drive, Gaithersburg, MD 20882 (US).
- (74) **BENT, Stephen, A.** et al. / etc.; Foley & Lardner, Suite 500, 3000 K Street, N.W., Washington, DC 20007-5109 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁶ **A61K 31/74, 31/785, 31/795**
- (11) **WO 00/15239** (13) A1
- (21) PCT/AU99/00762
- (22) **13 Sep/sep 1999 (13.09.1999)**
- (25) en (26) en
- (30) PP 5843 **14 Sep/sep 1998 (14.09.1998)** AU
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • INHIBITION OF TOXIC MATERIALS OR SUBSTANCES USING DENDRIMERS
• INHIBITION DE MATIERES OU DE SUBSTANCES TOXIQUES AU MOYEN DE DENDRIMERES
- (71) **STARPHARMA LIMITED** [AU/AU]; 343 Royal Parade, Parkville, VIC 3052 (AU).
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- (74) **SLATTERY, John, M.** et al. / etc.; Davies Collison Cave, 1 Little Collins Street, Melbourne, VIC 3000 (AU).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)⁶ **A61K 38/00, 38/22, 9/08, A61J 1/05**
- (11) **WO 00/15241** (13) A1
- (21) PCT/JP99/04925
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) ja (26) ja
- (30) 10/259013 **11 Sep/sep 1998 (11.09.1998)** JP
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • PROTEIN SOLUTION PREPARATION AND METHOD FOR STABILIZING THE SAME
• PREPARATION D'UNE SOLUTION PROTEINIQUE ET SON PROCÉDE DE STABILISATION
- (71) **CHUGAI SEIYAKU KABUSHIKI KAISHA** [JP/JP]; 5-1, Ukima 5-chome, Kita-ku, Tokyo 115-8543 (JP).
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- (51)⁶ **A61K 31/74, 31/785, 31/795**
- (11) **WO 00/15240** (13) A1
- (21) PCT/AU99/00763
- (22) **13 Sep/sep 1999 (13.09.1999)**

- Kaisha, 5-1, Ukima 5-chome, Kita-ku, Tokyo 115-8543 (JP).
- (74) **SHAMOTO, Ichio** et al. / etc.; Yuasa and Hara, New Ohtemachi Building, Section 206, 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **A61K 38/00, 38/04, 38/08, C12Q 1/68, C12N 5/00, 5/06**
- (11) **WO 00/15242** (13) A1
- (21) PCT/US99/20971
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 60/099,906 **11 Sep/sep 1998 US (11.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • REGULATION OF HER2/neu ONCOGENE EXPRESSION BY SYNTHETIC POLYAMIDES
• REGULATION DE L'EXPRESSION D'ONCOGENE HER2/neu A L'AIDE DE POLYAMIDES SYNTHETIQUES
- (71) **CALIFORNIA INSTITUTE OF TECHNOLOGY** [US/US]; 1200 E. California Boulevard, MS 16-30, Pasadena, CA 91125 (US).
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- (72, 75) **DERVAN, Peter, B.** [US/US]; California Institute of Technology, 1200 E. California Boulevard, MS 16-30, Pasadena, CA 91125 (US).
- (74) **CHAMBERS, Daniel, M.** et al. / etc.; Lyon & Lyon LLP, Suite 4700, 633 West Fifth Street, Los Angeles, CA 90071-2066 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **A61K 38/08, C07K 2/00, 14/705, C12N 15/12**
- (11) **WO 00/15243** (13) A1
- (21) PCT/AU99/00775
- (22) **15 Sep/sep 1999 (15.09.1999)**
- (25) en (26) en
- (30) PP 5922 **15 Sep/sep 1998 AU (15.09.1998)**
- (30) PP 8658 **12 Feb/fév 1999 AU (12.02.1999)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • A METHOD OF TREATMENT AND AGENTS USEFUL FOR SAME
• METHODE DE TRAITEMENT ET AGENTS A CET EFFET
- (71) **THE UNIVERSITY OF MELBOURNE** [AU/AU]; Grattan Street, Parkville, VIC 3052 (AU).
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- (72, 75) **COCKS, Thomas, Mathew** [AU/AU]; 11 Park Street, Abbotsford, VIC 3067 (AU).
MOFFATT, James, David [AU/AU]; 299A Rae Street, North Fitzroy, VIC 3068 (AU).
- (74) **HUGHES, E., John, L.** et al. / etc.; Davies Collison Cave, 1 Little Collins Street, Melbourne, VIC 3000 (AU).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 38/12, A61P 7/00, 9/00, 19/00, 27/00, 31/00, 35/00 // (A61K 38/12, 31:7068) (A61K 38/12, 31:00)**
- (11) **WO 00/15244** (13) A2
- (21) PCT/EP99/06654
- (22) **9 Sep/sep 1999 (09.09.1999)**
- (25) de (26) de
- (30) 198 42 415.9 **16 Sep/sep 1998 DE (16.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • PHARMACEUTICAL PREPARATION CONTAINING A CYCLOPEPTIDE AND A CHEMOTHERAPEUTIC AGENT OR AN ANGIOGENESIS INHIBITOR
• PREPARATION PHARMACEUTIQUE CONTENANT UN CYCLOPEPTIDE ET UN AGENT CHIMIOOTHERAPEUTIQUE OU UN INHIBITEUR D'ANGIOGENESE
- (71) **MERCK PATENT GMBH** [DE/DE]; Frankfurter Strasse 250, D-64293 Darmstadt (DE).
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- (72, 75) **JONCZYK, Alfred** [DE/DE]; Schepp Allee 57, D-64295 Darmstadt (DE).
PER-SCHL, Astrid [DE/DE]; Heidelberger Landstrasse 25, D-64297 Darmstadt (DE).
GOODMAN, Simon [DE/DE]; Mozartweg 8, D-64286 Darmstadt (DE).
RÖSENER, Sigrid [DE/DE]; Ostring 28, D-63110 Rodgau (DE).
HAUNSCHILD, Jutta [DE/DE]; Untere Parkstrasse 46, D-85540 Haar (DE).
- (74) **MERCK PATENT GMBH**; Frankfurter Strasse 250, D-64293 Darmstadt (DE).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 38/16, 47/02, 47/12**
- (11) **WO 00/15245** (13) A2
- (21) PCT/US99/20912
- (22) **9 Sep/sep 1999 (09.09.1999)**
- (25) en (26) en
- (30) 60/099,870 **11 Sep/sep 1998 US (11.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • STABLE LIQUID FORMULATIONS OF BOTULINUM TOXIN
• FORMULATIONS LIQUIDES STABLES DE LA TOXINE DE BOTULINUM
- (71) **ELAN PHARMACEUTICALS, INC.** [US/US]; 800 Gateway Boulevard, South San Francisco, CA 94080 (US).
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- (72, 75) **MOYER, Elizabeth** [US/US]; 435 Marin Avenue, Mill Valley, CA 94941 (US).
HIRTZER, Pamela [US/US]; 291 Scenic Avenue, Piedmont, CA 94611 (US).
- (74) **STRATFORD, Carol, A.**; Elan Pharmaceuticals, Inc., 800 Gateway Boulevard, South San Francisco, CA 94080 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **A61K 38/17, C07K 14/47, A61K 31/7076, 31/472, 31/553, A61P 35/00, 11/00**
- (11) **WO 00/15246** (13) A2
- (21) PCT/US99/20500
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en

- (30) 60/099,952 **11 Sep/sep 1998** US
(11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● REGULATION OF LUNG TISSUE BY HEDGEHOG-LIKE POLYPEPTIDES, AND FORMULATIONS AND USES RELATED THERETO
● REGULATION DU TISSU PULMONAIRE PAR DES POLYPEPTIDES DE TYPE HEDGEHOG ET FORMULATIONS ET UTILISATIONS AFFE-RENTES
- (71) **PRESIDENT AND FELLOWS OF HARVARD COLLEGE** [US/US]; 17 Quincy Street, Cambridge, MA 02138 (US).
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- (72, 75) **PEPICELLI, Carmen** [US/US]; – (US). **LEWIS, Paula** [NZ/US]; 64 Park Street, Apt. 2, Somerville, MA 02143 (US). **MCMAHON, Andrew, P.** [GB/US]; 128 Kendall Road, Lexington, MA 02173 (US).
- (74) **VINCENT, Matthew, P.** et al. / etc.; Foley, Hoag & Eliot, LLP, One Post Office Square, Boston, MA 02109 (US).
- (81) AU CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **A61K 38/17, 39/395 // C07K 16/28, 14/705**
- (11) **WO 00/15247** (13) A2
- (21) PCT/US99/21170
- (22) **13 Sep/sep 1999 (13.09.1999)**
- (25) en (26) en
- (30) 60/100,182 **14 Sep/sep 1998** US
(14.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● METHODS OF TREATING MULTIPLE MYELOMA AND MYELOMA-INDUCED BONE RESORPTION USING INTEGRIN ANTAGONISTS
● TRAITEMENT DU MYELOME MULTIPLE ET DE LA RESORPTION OSSEUSE PROVOQUEE PAR LE MYELOME AU MOYEN D'ANTAGONISTES DE L'INTERACTION –CAM-1/VLA-4
- (71) **BIOGEN, INC.** [US/US]; 14 Cambridge Center, Cambridge, MA 02142 (US).
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- (72, 75) **MUNDY, Gregory, R.** [US/US]; 3719 Morgan's Creek, San Antonio, TX 78230 (US). **YONEDA, Toshiyuki** [JP/US]; 3530 Hunters Sound, San Antonio, TX 78230 (US).
- (74) **KAPLAN, Warren, A.**; Biogen, Inc., 14 Cambridge Center, Cambridge, MA 02142 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 38/18, 47/30, A61P 17/02, 19/00 // (A61K 38/18, 38:36) (A61K 38/18, 38:39) (A61K 38/18, 31:715) (A61K 38/18, 38:38)**
- (11) **WO 00/15248** (13) A2
- (21) PCT/EP99/06713
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) de (26) de
- (30) 198 41 698.9 **11 Sep/sep 1998** DE
(11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● GROWTH FACTOR-CONTAINING COMPOSITION FOR HEALING TISSUE DAMAGE
● COMPOSITION CONTENANT UN FACTEUR DE CROISSANCE POUR TRAITER DES LESIONS TISSULAIRES
- (71) **CURATIVE TECHNOLOGIES GMBH** [DE/DE]; Zum Schürmannsgraben 12, D-47441 Moers (DE).
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- (72, 75) **JANOWICZ, Zbigniew, A.** [DE/DE]; Millrather Weg 74, D-40699 Erkrath (DE). **HOFMANN, Peter** [DE/DE]; Dr.-Max-Ehrenpfordt-Strasse 1, D-35287 Amöneburg (DE). **SPILLECKE, Frank, Heinz** [DE/DE]; Achterstrasse 64, D-50678 Köln (DE).
- (74) **GRÜNECKER, KINKELDEY, STOCKMAIR & SCHWANHÄUSSER**; Maximilianstrasse 58 D-80538 München (DE).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **A61K 38/19, 38/20, 48/00**
- (11) **WO 00/15249** (13) A1
- (21) PCT/US99/21199
- (22) **15 Sep/sep 1999 (15.09.1999)**
- (25) en (26) en
- (30) 60/100,416 **15 Sep/sep 1998** US
(15.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● TREATMENT OF KAPOSI'S SARCOMA WITH IL-12
● TRAITEMENT DE LA MALADIE DE KAPOSI AVEC IL-12
- (71) **GENETICS INSTITUTE, INC.** [US/US]; 87 Cambridge Park Drive, Cambridge, MA 02140 (US). **GOVERNMENT OF THE UNITED STATES OF AMERICA, as represented by THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES** [US/US]; National Institutes of Health, Office of Technology Transfer, Suite 325, 6011 Executive Boulevard, Rockville, MD 20852-3804 (US).
- (72) **YARCHOAN, Robert**; 9007 Burning Tree Road, Bethesda, MD 20817 (US). **PLUDA, James, M.**; 19212 Drumridge Circle, Gaithersburg, MD 20886 (US). **WYVILL, Kathleen**; 14624 Mount Calvert Road, Upper Marlboro, MD 20772 (US). **LIETZAU, Jill**; 11507 Little Patuxent Parkway, Columbia, MD 21044 (US). **SHEARER, Gene, M.**; 5512 Glenwood Road, Bethesda, MD 20817 (US). **FIEGAL, Ellen**; 2 Boat House Court, North Potomac, MD 20878 (US). **TOSATO, Giovanna**; 9007 Burning Tree Road, Bethesda, MD 20817 (US). **LITTLE, Richard**; 1745 S Street, N.W., Washington, DC 20009 (US). **SHERMAN, Matthew, L.**; 33 Janet Road, Newton, MA 02459 (US).
- (74) **SPRUNGER, Suzanne, A.**; American Home Products Corporation, Patent & Trademark Dept. – 2B, One Campus Drive, Parsippany, NJ 07054 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 38/57, 38/58, 38/05, 39/395, A61P 17/02, 43/00**
- (11) **WO 00/15250** (13) A2
- (21) PCT/GB99/03092
- (22) **13 Sep/sep 1999 (13.09.1999)**
- (25) en (26) en
- (30) 9819921.9 **11 Sep/sep 1998** GB
(11.09.1998)
- (30) 9908838.7 **16 Apr/avr 1999** GB
(16.04.1999)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● FIBROBLAST INHIBITOR
● INHIBITEUR DE FIBROBLASTES
- (71) **UNIVERSITY COLLEGE LONDON** [GB/GB]; 8 Gower Street, London WC1E 6BT (GB).
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- (72, 75) **BLANC-BRUDE, Olivier** [FR/GB]; 90 Protheroe Road, Fulham, London SW6 7LZ (GB). **LAURENT, Geoffrey, J.** [AU/GB]; 6 Charlotte Road, Richmond-upon Thames, London SW13 9QT (GB).

(74) **NASH, David, Allan**; Haseltine Lake & Co., Imperial House, 15-19 Kingsway, London WC2B 6UD (GB).

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

(51)⁷ **A61K 39/00**

(11) **WO 00/15251** (13) A2

(21) PCT/AT99/00223

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) de (26) de

(30) A 1555/98 **15 Sep/sep 1998** AT (15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • NOVEL INFLUENZA VIRUS VACCINE COMPOSITION

• NOUVELLE COMPOSITION DE VACCIN CONTRE LE VIRUS GRIPPAL

(71) **BAXTER AKTIENGESSELLSCHAFT** [AT/AT]; Industriestrasse 67, A-1221 Wien (AT).

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(72, 75) **KISTNER, Otfried** [DE/AT]; Weyringergasse 27/16, A-1040 Wien (AT). **BARRETT, Noel** [IE/AT]; Steinwandgasse 6A, A-3400 Klosterneuburg/Weidling (AT). **MUNDT, Wolfgang** [AT/AT]; Florianigasse 57/1/2/6, A-1080 Wien (AT). **DORNER, Friedrich** [AT/AT]; Peterlinigasse 17, A-1230 Wien (AT).

(74) **SONN, Helmut** et al. / etc.; Riemergasse 14, A-1010 Wien (AT).

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

(51)⁶ **A61K 39/00**

(11) **WO 00/15252** (13) A1

(21) PCT/US99/18842

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) en (26) en

(30) 60/100,266 **14 Sep/sep 1998** US (14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD OF USING ZOT OR ZONULIN TO INHIBIT LYMPHOCYTE PROLIFERATION IN AN ANTIGEN-SPECIFIC MANNER

• TECHNIQUE D'UTILISATION DE LA TOXINE DE ZONULA OCCLUDENS (ZOT) OU DE LA ZONULINE AUX FINS DE L'INHIBITION DE LA PROLIFERATION LYMPHOCYTAIRE SPECIFIQUE D'ANTIGENE

(71) **UNIVERSITY OF MARYLAND, BALTIMORE** [US/US]; 520 West Lombard Street, Baltimore, MD 21201 (US).

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(72, 75) **FASANO, Alessio** [IT/US]; 3128 River Valley Chase, West Friendship, MD 21794 (US). **SZTEIN, Marcelo, B.** [US/US]; 6023 Middlewater Court, Columbia, MD 21044 (US). **LU, Ruiliang** [US/US]; 115-C Dumbarton Road, Baltimore, MD 21212 (US). **TANNER, Michael, K.** [US/US]; 86 Blondell Court, Timonium, MD 21093 (US).

(74) **KIT, Gordon** et al. / etc.; Sughrue, Mion, Zinn, MacPeak & Seas, PLLC, Suite 800, 2100 Pennsylvania Avenue, N.W., Washington, DC 20037-3213 (US).

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

(51)⁷ **A61K 39/00, 39/39 // C07K 14/59**

(11) **WO 00/15253** (13) A1

(21) PCT/US99/21591

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) en (26) en

(30) 60/100,766 **17 Sep/sep 1998** US (17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • HUMAN CHORIONIC GONADOTROPIN VACCINES

• VACCINS A LA GONADOTROPHINE CHORIONIQUE

(71) **ZONAGEN, INC.** [US/US]; 2408 Timberloch Place, B-4, The Woodlands, TX 77380 (US).

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(72, 75) **HARRIS, Jeffrey** [US/US]; 15 Flatstone, The Woodlands, TX 77381 (US). **MARTINEZ, Mitzi** [US/US]; 10731 Fi-Terry Road, Conroe, TX 77303 (US).

(74) **UHL, Jill, E.**; Marshall, O'Toole, Gerstein, Murray & Borun, 6300 Sears Tower, 233 South Wacker Drive, Chicago, IL 60606 (US).

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

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(51)⁶ **A61K 39/015, 39/002**

(11) **WO 00/15254** (13) A1

(21) PCT/AU99/00770

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) PP 5893 **14 Sep/sep 1998** AU (14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • IMMUNOGENIC COMPOSITIONS AND USES THEREOF

• COMPOSITIONS IMMUNOGENES ET LEURS UTILISATIONS

(71) **THE WALTER AND ELIZA HALL INSTITUTE OF MEDICAL RESEARCH** [AU/AU]; Royal Parade, Parkville, VIC 3052 (AU).

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(72, 75) **SCHOFIELD, Louis** [AU/AU]; 185 Panorama Drive, Gisborne, VIC 3437 (AU).

(74) **HUGHES, E., John, L.** et al. / etc.; Davies Collison Cave, 1 Little Collins Street, Melbourne, VIC 3000 (AU).

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

(51)⁷ **A61K 39/02, 39/245, 39/12**

(11) **WO 00/15255** (13) A1

(21) PCT/EP99/06623

(22) **8 Sep/sep 1999 (08.09.1999)**

(25) en (26) en

(30) 9819898.9 **11 Sep/sep 1998** GB (11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • VACCINE AGAINST SEXUALLY TRANSMITTED DISEASES

- VACCIN CONTRE LES MALADIES SEXUELLEMENT TRANSMISSIBLES
- (71) **SMITHKLINE BEECHAM BIOLOGICALS S.A.** [BE/BE]; Rue de l'Institut 89, B-1330 Rixensart (BE).
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- (72, 75) **SLAOUI, Moncef, Mohamed** [BE/BE]; SmithKline Beecham Biologicals S.A., Rue de l'Institut 89, B-1330 Rixensart (BE).
VANDEPAPÉLIERE, Pierre, G. [BE/BE]; SmithKline Beecham Biologicals S.A., Rue de l'Institut 89, B-1330 Rixensart (BE).
- (74) **TYRRELL, Arthur, William, Russell**; Corporate Intellectual Property, SmithKline Beecham, Two New Horizons Court, Brentford, Middlesex TW8 9EP (GB).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **A61K 39/39, 39/145, 39/155, A61P 37/04, 31/12**
- (11) **WO 00/15256** (13) A2
- (21) PCT/FR99/02177
- (22) **13 Sep/sep 1999 (13.09.1999)**
- (25) fr (26) fr
- (30) 98/11520 **11 Sep/sep 1998 FR (11.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • IMMUNOSTIMULANT EMULSION
• EMULSION IMMUNOSTIMULANTE
- (71) **PASTEUR MERIEUX SERUMS ET VACCINS** [FR/FR]; 58, avenue Leclerc, F-69007 Lyon (FR).
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- (72, 75) **HAENSLER, Jean** [FR/FR]; 17, rue J. Piccandet, F-69290 Saint Genis les Ollières (FR).
- (74) **KERNEIS, Danièle**; Pasteur Mérieux Sérums et Vaccins, Direction de la Propriété Industrielle, 58, avenue Leclerc, F-69007 Lyon (FR).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)⁶ **A61K 39/39**
- (11) **WO 00/15257** (13) A1
- (21) PCT/JP99/05019
- (22) **14 Sep/sep 1999 (14.09.1999)**
- (25) ja (26) ja
- (30) 10/259783 **14 Sep/sep 1998 JP (14.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • VACCINE PREPARATIONS CONTAINING SAPONINS
• PREPARATIONS VACCINALES CONTENANT DES SAPONINES
- (71) **THE KITASATO INSTITUTE** [JP/JP]; 9-1, Shirokane 5-chome, Minato-ku, Tokyo 108-8642 (JP).
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- (72, 75) **YAMADA, Haruki** [JP/JP]; Oriental Medicine Research Center, the Kitasato Institute, 9-1, Shirokane 5-chome, Minato-ku, Tokyo 108-8642 (JP). **KIYOHARA, Hiroaki** [JP/JP]; Oriental Medicine Research Center, the Kitasato Institute, 9-1, Shirokane 5-chome, Minato-ku, Tokyo 108-8642 (JP). **NAGAI, Takayuki** [JP/JP]; Oriental Medicine Research Center, the Kitasato Institute, 9-1, Shirokane 5-chome, Minato-ku, Tokyo 108-8642 (JP). **YABE, Takeshi** [JP/JP]; Oriental Medicine Research Center, the Kitasato Institute, 9-1, Shirokane 5-chome, Minato-ku, Tokyo 108-8642 (JP). **AIZAWA, Chikara** [JP/JP]; Research Center for Biologicals The Kitasato Institute, 111, Arai 6-chome, Kitamoto-shi, Saitama 364-0026 (JP). **SUZUKI, Yuuziro** [JP/JP]; Research Center for Biologicals The Kitasato Institute, 111, Arai 6-chome, Kitamoto-shi, Saitama 364-0026 (JP). **KATO, Toshio** [JP/JP]; Research Center for Biologicals The Kitasato Institute, 111, Arai 6-chome, Kitamoto-shi, Saitama 364-0026 (JP). **NAGAMINE, Takashi** [JP/JP]; Research Center for Biologicals The Kitasato Institute, 111, Arai 6-chome, Kitamoto-shi, Saitama 364-0026 (JP).
- (74) **SHIMIZU, Hatsushi** et al. / etc.; Kantetsu Tsukuba Building, 6th floor, 1-1-1, Oroshi-machi, Tsuchiura-shi, Ibaraki 300-0847 (JP).
- (81) AU BR CA CN IN JP KR MX RU US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁶ **A61K 39/395, C07K 16/00**
- (11) **WO 00/15258** (13) A1
- (21) PCT/US99/19965
- (22) **31 Aug/août 1999 (31.08.1999)**
- (25) en (26) en
- (30) 09/152,160 **11 Sep/sep 1998 US (11.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • MODULATION OF ENDOTHELIAL CELL SURFACE RECEPTOR ACTIVITY IN THE REGULATION OF ANGIOGENESIS
• MODULATION DE L'ACTIVITE D'UN RECEPTEUR DE SURFACE DES CELLULES ENDOTHELIALES DANS LA REGULATION DE L'ANGIOGENESE
- (71) **VANDERBILT UNIVERSITY** [US/US]; Suite 210, 1207 17th Avenue South, Nashville, TN 37212 (US).
- (72) **DANIEL, Thomas, O.**; 3905 B Trimble Road, Nashville, TN 37215 (US). **TAKAHASHI, Takamune**; Apartment 335, 2025 Woodmont Boulevard, Nashville, TN 37215 (US).
- (74) **TAYLOR, Arles, A.**; Jenkins & Wilson, P.A., University Tower, Suite 1400, 3100 Tower Boulevard, Durham, NC 27707 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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-
- (51)⁷ **A61K 39/395, 48/00, 38/17, G01N 33/574, A61K 51/10 // (A61K 39/395, 38:17), 101:02, 123:00**
- (11) **WO 00/15259** (13) A1
- (21) PCT/US99/20762
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 60/099,782 **10 Sep/sep 1998 US (10.09.1998)**
- (30) 60/123,786 **11 Mar/mar 1999 US (11.03.1999)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • ANTIBODIES TO C3B(I) FOR DELIVERY OF DIAGNOSTIC AND THERAPEUTIC AGENTS TO CANCER CELLS
• ANTICORPS ANTI-C3B(I) POUVANT DIFFUSER DES AGENTS DIAGNOSTIQUES OU THERAPEUTIQUES DANS DES CELLULES CANCEREUSES
- (71) **THE UNIVERSITY OF VIRGINIA PATENT FOUNDATION** [US/US]; Suite 1-110, 1224 West Main Street, Charlottesville, VA 22903 (US).
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- (72, 75) **TAYLOR, Ronald** [US/US]; 108 Kerry Lane, Charlottesville, VA 22901 (US). **NARDIN, Alessandro** [US/US]; 110 Carrollton Terrace, Charlottesville, VA 22901 (US). **SUTHERLAND, William, M.** [US/US]; P.O. Box 167, Earlysville, VA 22936 (US). **SOKOLOFF, Mitchell, M., D.** [US/US];

620 South Garfield Avenue, Hinsdale, IL 60521 (US). **CHUNG, Leland** [US/US]; 111 Rocky Road, Lovingson, VA 22949 (US).

(74) **BALDWIN, Geraldine, F.** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

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

(51)⁶ **A61K 39/395, C12N 15/00, C12P 21/08**

(11) **WO 00/15260** (13) A1

(21) PCT/US99/21646

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) en (26) en

(30) 60/100,639 **16 Sep/sep 1998** US
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ANTI-IGE GENE THERAPY
• THERAPIE GENIQUE ANTI-IGE

(71) **TANOX, INC.** [-/US]; 10301 Stella Link, Houston, TX 77025 (US).

(72) **LIOU, Ruey, S.**; 3002 Arrowhead Drive, Sugar Land, TX 77479 (US). **THOMAS, David**; 7200 Almeda #624, Houston, TX 77054 (US).

(74) **MIRABEL, Eric, P.**; Tanox, Inc., 10301 Stella Link, Houston, TX 77025 (US).

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

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(51)⁷ **A61K 47/02, 47/32, 31/135**

(11) **WO 00/15261** (13) A1

(21) PCT/US99/20708

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) en (26) en

(30) 60/099,712 **10 Sep/sep 1998** US
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • COMPOSITIONS COMPRISING SYMPATHOMIMETIC AMINE SALTS UNSUITABLE FOR ILLEGAL USE

• COMPOSITIONS RENFERMANT DES SELS D'AMINE SYMPATHOMIMETIQUE IMPROPRES A UN USAGE ILLEGAL

(71) **WARNER-LAMBERT COMPANY** [US/US]; 201 Tabor Road, Morris Plains, NJ 07950 (US).

(72) **BESS, William, S.**; 31 Greenwish Road, Edison, NJ 08820 (US). **NICHOLS, William, Michael**; 32 Shady Lane, Fanwood, NJ 07023 (US).

(74) **RYAN, M., Andrea**; Warner-Lambert Company, 201 Tabor Road, Morris Plains, NJ 07950 (US) et al. / etc.

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

(51)⁷ **A61K 47/36, 47/38, 47/40, 47/44, 9/12, 9/14, 9/72**

(11) **WO 00/15262** (13) A1

(21) PCT/US99/21109

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) 60/100,163 **14 Sep/sep 1998** US
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • DRY POWDER ACTIVE AGENT PULMONARY DELIVERY

• ADMINISTRATION PAR VOIE PULMONAIRE D'UN AGENT ACTIF SOUS FORME DE POUDRE SECHE

(71) **INHALE THERAPEUTIC SYSTEMS, INC.** [US/US]; 150 Industrial Road, San Carlos, CA 94070 (US).

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(72, 75) **CLARK, Andrew** [GB/US]; 436 Valdez Avenue, Half Moon Bay, CA 94019 (US).

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LALOR, Cecily [US/US]; 1337 Orange Avenue, San Carlos, CA 94070 (US).

(74) **EVANS, Suzan, T.** et al. / etc.; Inhale Therapeutic Systems, Inc., 150 Industrial Road, San Carlos, CA 94070 (US).

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

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(51)⁷ **A61K 47/48**

(11) **WO 00/15263** (13) A1

(21) PCT/US99/21358

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 09/156,739 **17 Sep/sep 1998** US
(17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • EXPANDIBLE MICROPARTICLE INTRACELLULAR DELIVERY SYSTEM

• SYSTEME DE TRANSPORT INTRACELLULAIRE A MICROPARTICULES EXPANSIBLES

(71, 72) **ROTHMAN, James, E.** [US/US]; Apartment 10B, 402 East 64th Street, New York, NY 10021 (US).

(74) **KOLE, Lisa, B.**; Baker & Botts, LLP, 30 Rockefeller Plaza, New York, NY 10112-0228 (US).

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

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(51)⁷ **A61K 48/00, 39/00**

(11) **WO 00/15264** (13) A1

(21) PCT/US99/21097

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 60/100,468 **15 Sep/sep 1998** US
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • IN SITU INJECTION OF ANTIGEN-PRESENTING CELLS WITH GENETICALLY ENHANCED CYTOKINE EXPRESSION

• INJECTION IN SITU DE CELLULES PRESENTANT UN ANTIGENE A EXPRESSION DE LA CYTOKINE GENE-TIQUEMENT AMELIOREE

(71) **UNIVERSITY OF PITTSBURGH OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION** [US/US]; 200 Gardner Steel Conference Center, Thackeray & O'Hara Streets, Pittsburgh, PA 15260 (US).

(72) **TAHARA, Hideaki**; 1-34-15-402, Zoshigaya, Toshima-ku, Tokyo 171-0032 (JP). **LOTZE, Michael, T.**; 5134 Westminster Place, Pittsburgh, PA 15232 (US). **NI-SHIOKA, Yasuhiko**; 1-382-1 Myodo-cho, Tokushima 770-0047 (JP).

(74) **BRESNAHAN, Maureen, A.**; Testa, Hurwitz & Thibault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).

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

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(51)⁶ **A61K 48/00, C12Q 1/68, C07H 21/04, C12N 15/00, 15/85**

(11) **WO 00/15265** (13) A1

(21) PCT/US99/21950

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 60/100,591 **16 Sep/sep 1998** US
(16.09.1998)

(30) 60/100,598 **16 Sep/sep 1998** US
(16.09.1998)

(30) 60/100,599 **16 Sep/sep 1998** US
(16.09.1998)

(30) 60/100,625 **16 Sep/sep 1998** US
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● COMPOSITIONS AND METHODS OF USE OF UPTAKE MECHANISMS FOR DIAGNOSTIC AND THERAPEUTIC APPLICATIONS OF OLIGONUCLEOTIDES TARGETING BACTERIA

● COMPOSITIONS ET TECHNIQUES PERMETTANT D'UTILISER DES MECANISMES D'INCORPORATION POUR DES APPLICATIONS DIAGNOSTIQUES ET THERAPEUTIQUES D'OLIGONUCLEOTIDES CIBLANT DES BACTERIES

(63) US 60/100,598 (CIP)
16 Sep/sep 1998 (16.09.1998)

US 60/100,591 (CIP)
16 Sep/sep 1998 (16.09.1998)

US 60/100,625 (CIP)
16 Sep/sep 1998 (16.09.1998)

US 60/100,599 (CIP)
16 Sep/sep 1998 (16.09.1998)

(71) **VITAGENIX, INC.** [US/US]; 2417 Sagebrush Court, La Jolla, CA 92037 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SEIFERT, Wilfried** [DE/US]; 2417 Sagebrush Court, La Jolla, CA 92037 (US).

(74) **WETHERELL, John, R., Jr.** et al. / etc.; Fish & Richardson P.C., Suite 1400, 4225 Executive Square, La Jolla, CA 92037 (US).

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

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(51)⁷ **A61K 49/00**

(11) **WO 00/15266** (13) A2

(21) PCT/EP99/06830

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 98117598.7 **16 Sep/sep 1998** EP
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● RADIO-CONTRAST AGENTS

● AGENTS DE CONTRASTE RADIOLOGIQUE

(71) **GOLDHAM BIOGLAN PHARMA GMBH** [DE/DE]; Am Wasserberg 11, D-86441 Zusmarshausen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FRANK, Artur** [DE/DE]; Am Wasserberg 11, D-86441 Zusmarshausen (DE).
GIANETTINO, Andreina [IT/IT]; Via Francesco Saponi, 49, I-00143 Roma (IT).

(74) **WIBBELMANN, Jobst**; Wuesthoff & Wuesthoff, Schweigerstrasse 2, D-81541 München (DE).

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

(51)⁷ **A61K 49/00**

(11) **WO 00/15267** (13) A1

(21) PCT/US99/21494

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) en (26) en

(30) 09/156,549 **17 Sep/sep 1998** US
(17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● CONTRAST AGENT

● AGENT DE CONTRASTE

(71) **MASSACHUSETTS INSTITUTE OF TECHNOLOGY** [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02142 (US).

(72) **SHASTRI, Venkatram, R.**; Apartment 16, 55 Linden Street, Allston, MA 02134 (US).
LANGER, Robert, S., Jr.; 77 Lombard Street, Newton, MA 02158 (US).

(74) **PASTERNAK, Sam**; Choate, Hall & Stewart, Exchange Place, 53 State Street, Boston, MA 02109 (US).

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

Published / Publiée : (c)

(51)⁷ **A61L 9/03**

(11) **WO 00/15268** (13) A1

(21) PCT/IL99/00494

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) en (26) en

(30) 126167 **10 Sep/sep 1998** IL
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● METHODS AND APPARATUS FOR ODOR TRANSMISSION

● PROCEDE ET DISPOSITIF DE TRANSMISSION D'ODEURS

(71) **AROMIX TECHNOLOGIES LTD.** [IL/IL]; Galgalei HaPlada Street 6, 46722 Herzliya (IL).

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

(72, 75) **FISCH, Eliezer** [IL/IL]; Moshe Sne Street 15, 43728 Raanana (IL).

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

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ **A61L 9/03, 9/12**

(11) **WO 00/15269** (13) A1

(21) PCT/IL99/00495

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) en (26) en

(30) 126168 **10 Sep/sep 1998** IL
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHODS AND APPARATUS FOR ODOR REPRODUCTION

• PROCEDES ET DISPOSITIF DE RE-PRODUCTION D'ODEUR

(71) **AROMIX TECHNOLOGIES LTD.** [IL/IL]; Calgalei HaPlada Street 6, 46722 Herzliya (IL). **YEDA RESEARCH AND DEVELOPMENT CO. LTD.** [IL/IL]; The Weizmann Institute of Science, P.O. Box 95, 76100 Rehovot (IL).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **FISCH, Eliezer** [IL/IL]; Moshe Sne Street 15, 43728 Raanana (IL). **FINK, Sagit** [IL/IL]; Egoz Street 32, 60190 Neve Monoson (IL). **HAREL, David** [IL/IL]; Ka'kal Street 7, 76345 Rehovot (IL). **LANCET, Doron** [IL/IL]; Weizmann Street 15, 76280 Rehovot (IL).(74) **COLB, Sandford, T.** et al. / etc.; Sandford T. Colb & Co., P.O. Box 2273, 76122 Rehovot (IL).

(81) AE AL AM AT AU (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **A61L 27/00**(11) **WO 00/15270** (13) A1

(21) PCT/EP99/06015

(22) **18 Aug/août 1999 (18.08.1999)**

(25) de (26) de

(30) 198 43 254.2 **10 Sep/sep 1998** DE (10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • COATED MEDICAL DEVICES AND IMPLANTS

• APPAREILS ET IMPLANTS MEDICAUX PRESENTANT UN REVETEMENT

(71) **SCHERING AKTIENGESELLSCHAFT** [DE/DE]; Müllerstrasse 178, D-13342 Berlin (DE).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **PRIEWE, Jörg** [DE/DE]; Kunkelstrasse 11, D-13347 Berlin (DE). **HELD-MANN, Dieter** [DE/DE]; Krefelder Strasse 3, D-10555 Berlin (DE). **WINDT-HANKE, Fred** [DE/DE]; Steinkirchener Strasse 34,D-13435 Berlin (DE). **BERNDORFF, Dietmar** [DE/DE]; Eichenallee 42a, D-16540 Hohen Neuendorf (DE).

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

(51)⁶ **A61L 27/00, 33/00**(11) **WO 00/15271** (13) A1

(21) PCT/JP99/05010

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) ja (26) ja

(30) 10/260203 **14 Sep/sep 1998** JP (14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • INTRAVASCULAR STENT

• STENT INTRAVASCULAIRE

(71) **KAWASUMI LABORATORIES, INC.** [JP/JP]; 7-1, Oaza Tamada, Mie-cho, Ono-gun, Oita 879-7153 (JP). **MITSUBISHI CHEMICAL CORPORATION** [JP/JP]; 5-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005 (JP). *(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **NOMIYAMA, Hiroaki** [JP/JP]; Kawasumi Laboratories, Inc., Mie Plant, 7-1, Oaza Tamada, Mie-cho, Ono-gun, Oita 879-7153 (JP). **UCHIYAMA, Seiji** [JP/JP]; Kawasumi Laboratories, Inc., Mie Plant, 7-1, Oaza Tamada, Mie-cho, Ono-gun, Oita 879-7153 (JP).(74) **IMAMURA, Masazumi** et al. / etc.; 5th floor, KRF Building, 5-5, Kyobashi 1-chome, Chuo-ku, Tokyo 104-0031 (JP).

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

(51)⁷ **A61L 27/00, C08G 73/02, 85/00, C12N 5/00, A61F 2/14, C12N 11/08**(11) **WO 00/15272** (13) A1

(21) PCT/NL99/00572

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 09/152,637 **14 Sep/sep 1998** US (14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • POLYMER IMMOBILIZED LIVING CELLS AND APPLICATIONS THEREOF

• CELLULES VIVANTES IMMOBILISEES DANS UN POLYMERE, ET APPLICATIONS CORRESPONDANTES

(71) **HOLLAND BIOMATERIALS GROUP B.V.** [NL/NL]; Drienerlolaan 5, NL-7522 NB Enschede (NL).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **ENGBERS, Gerardus, Henricus, Maria** [NL/NL]; Vlaanderenlaan 3, NL-7577 MB Oldenzaal (NL).(74) **DUXBURY, Stephen**; Arnold & Siedsma, Sweelinckplein 1, NL-2517 GK The Hague (NL).

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

Published / Publiée : (c)

(51)⁷ **A61L 27/34, 27/54, 31/08, 31/16**(11) **WO 00/15273** (13) A1

(21) PCT/EP99/06708

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) de (26) de

(30) 198 43 251.8 **11 Sep/sep 1998** DE (11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • BIOLOGICALLY ACTIVE IMPLANTS
• IMPLANTS A ACTION BIOLOGIQUE(71, 72) **SCHMIDMAIER, Gerhard** [DE/DE]; Claudiusstrasse 12, D-10557 Berlin (DE). **RASCHKE, Michael** [DE/DE]; Weddingen Weg 31, D-12205 Berlin (DE).(72, 75) **STEMBERGER, Axel** [DE/DE]; Cramer-Klett-Strasse 35e, D-85579 Neubiberg (DE).(74) **GLAWE, DELFS, MOLL & PARTNER**; Rothenbaumchaussee 58, D-20148 Hamburg (DE).

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

(51)⁷ **A61L 27/36, 27/26**(11) **WO 00/15274** (13) A1

(21) PCT/GB99/03013

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 9819882.3 **11 Sep/sep 1998** GB (11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • COLLAGENOUS TISSUE COMPOSITIONS
• COMPOSITIONS POUR TISSUS A BASE DE MATIERE COLLAGENE
- (71) **TISSUE SCIENCE LABORATORIES LIMITED** [GB/GB]; Greyholme House, 49 Victoria Road, Aldershot, Hampshire GU11 1SJ (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OLIVER, Roy, Frederick** [GB/GB]; Priorwell House, Gauldry, Fife DD6 8SE (GB). **GRANT, Roy, Arthur** [GB/GB]; 15 Pine Park Mansions, 1-3 Wilderton Road, Branksome Park, Poole, Dorset BH13 6EB (GB).
- (74) **GALLAFENT & CO.**; 9 Staple Inn, London WC1V 7QH (GB).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **A61M**
(11) **WO 00/15275** (13) A2
(21) PCT/US99/03484
(22) **17 Feb/fév 1999 (17.02.1999)**
(25) en (26) en
(30) 60/099,720 **10 Sep/sep 1998 (10.09.1998)** US
(30) 60/099,691 **10 Sep/sep 1998 (10.09.1998)** US
(43) 23 Mar/mar 2000 (23.03.2000)
- (54) • BODY FLUID SHUNT DEVICE AND METHOD OF USE
• DISPOSITIF DE DERIVATION POUR FLUIDES CORPORELS ET PROCEDE D'UTILISATION
- (71) **PERCARDIA, INC.** [US/US]; Suite 434, 20 Trafalgar Square, Nashua, NH 03063 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SANTAMORE, William, P.** [US/US]; 1 Townsend Court, Medford, NJ 08055 (US). **FURNISH, Greg, R.** [US/US]; 2614 Top Hill Road, Louisville, KY 40206 (US). **HALL, Todd, A.** [US/US]; 1111 Crestview Way, Goshen, KY 40026 (US). **BRIEFS, Nancy, M.** [US/US]; 3 Horizon Circle, Nashua, NH 03060 (US). **PHELPS, David, Y.** [US/US]; 904 Shady Lane, Louisville, KY 40223 (US). **WILK, Peter, J.** [US/US]; 185 Westend Avenue, Apartment 22M, New York, NY 10023 (US). **FURNISH, Simon, M.** [US/US]; 2568 Woodbourne Avenue, Louisville, KY 40205 (US).
- (74) **RACITI, Eric, P.**; Brown, Rudnick, Freed & Gesmer, P.C., One Financial Center, Boston, MA 02111 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **A61M 1/00, 5/00, 16/00**
(11) **WO 00/15276** (13) A1
(21) PCT/US99/20437
(22) **7 Sep/sep 1999 (07.09.1999)**
(25) en (26) en
(30) 09/156,297 **17 Sep/sep 1998 (17.09.1998)** US
(30) 09/157,605 **21 Sep/sep 1998 (21.09.1998)** US
(30) 09/357,591 **20 Jul/juil 1999 (20.07.1999)** US
(43) 23 Mar/mar 2000 (23.03.2000)
- (54) • RESPIRATORY SUCTION CATHETER APPARATUS
• CATHETER D'ASPIRATION
- (71) **BALLARD MEDICAL PRODUCTS** [US/US]; 12050 Lone Peak Parkway, Draper, UT 84020 (US).
- (72) **CRUMP, Chet, M.**; 12518 South Bear Mountain Drive, Draper, UT 84020 (US). **MADSEN, Edward, B.**; 12707 South 3160 West, Riverton, UT 84065 (US). **SMITH, V., Roland**; 815 Northcliff Drive, Salt Lake City, UT 84103 (US).
- (74) **BATEMAN, Randall, B.** et al. / etc.; Morriss, Bateman, O'Bryant & Compagni, P.C., Suite 300, 5882 South 900 East, Salt Lake City, UT 84121 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **A61M 1/00**
(11) **WO 00/15277** (13) A2
(21) PCT/US99/20634
(22) **10 Sep/sep 1999 (10.09.1999)**
(25) en (26) en
- (30) 09/154,520 **16 Sep/sep 1998 (16.09.1998)** US
(43) 23 Mar/mar 2000 (23.03.2000)
- (54) • TREATMENT OF WOUND OR JOINT FOR RELIEF OF PAIN AND PROMOTION OF HEALING
• TRAITEMENT DE PLAIES OU D'ARTICULATIONS PERMETTANT DE SOULAGER LA DOULEUR ET D'ACCELERER LA GUERISON
- (71, 72) **MCKAY, Douglas, William** [US/US]; 450 Moosa Boulevard, Suite C, Eunice, LA 70535 (US).
- (74) **RUBINSON, Gene, Z.** et al. / etc.; McDermott, Will & Emery, 600 13th Street, NW, Washington, DC 20005 (US).
- (81) AU BR CA CN IL JP KR MX NZ; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **A61M 1/36, 5/36 // G01N 21/85**
(11) **WO 00/15278** (13) A1
(21) PCT/SE99/01541
(22) **6 Sep/sep 1999 (06.09.1999)**
(25) en (26) en
(30) 9803055-4 **10 Sep/sep 1998 (10.09.1998)** SE
(43) 23 Mar/mar 2000 (23.03.2000)
- (54) • APPARATUS FOR MONITORING A FLUID CONDUIT
• APPAREIL POUR LA SURVEILLANCE D'UN CONDUIT DE FLUIDE
- (71) **GAMBRO AB** [SE/SE]; P.O. Box 7373, Hamngatan 2, S-103 91 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **EKDAHL, Olof** [SE/SE]; Magistratsvägen 55S:308, S-226 44 Lund (SE). **WICTOR, Per-Ola** [SE/SE]; Mosabäcksvägen 22, S-240 36 Stehag (SE).
- (74) **SPITMANN, Knut**; Gambro Lundia AB, P.O. Box 10101, S-220 10 Lund (SE).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)⁶ **A61M 3/02, 35/00, B65B 1/32**
(11) **WO 00/15279** (13) A1
(21) PCT/US98/19262
(22) **16 Sep/sep 1998 (16.09.1998)**
(25) en (26) en

- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • NOVEL WOUND IRRIGATION DEVICE AND METHOD
• DISPOSITIF ET PROCEDE DE LAVAGE D'UNE PLAIE
- (71) INNOVATION TECHNOLOGIES, INC. [US/US]; 500 N.W. 23rd Street, Gainesville, FL 32607 (US).
- (72) RUCINSKI, Paul, J.; 4037 S.W. 93rd Drive, Gainesville, FL 32608 (US).
- (74) SALIWANCHIK, David, R. et al. / etc.; Saliwanchik, Lloyd & Saliwanchik, Suite A-1, 2421 NW 41st Street, Gainesville, FL 32606-6669 (US).
- (81) AL AU BA BB BG BR CA CN CU CZ EE GE HR HU ID IL IS JP KR LC LK LR LT LV MG MK MN MW MX NO NZ PL RO SG SI SK SL TR TT UA UZ VN YU; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ A61M 5/145
- (11) WO 00/15280 (13) A1
- (21) PCT/CH99/00437
- (22) 14 Sep/sep 1999 (14.09.1999)
- (25) fr (26) fr
- (30) 1876/98 15 Sep/sep 1998 CH (15.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • DEVICES WITH POWER-DRIVEN SYRINGE FOR ADMINISTERING THERAPEUTIC SUBSTANCES
• DISPOSITIFS D'ADMINISTRATION DE SUBSTANCES THERAPEUTIQUES A SERINGUE MOTORISEE
- (71) NJC INNOVATIONS [CH/CH]; Case postale 103, CH-1110 Morges (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BERNEY, Jean-Claude [CH/CH]; Rue des Fossés 8, CH-1110 Morges (CH).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (51)⁷ A61M 5/30
- (11) WO 00/15281 (13) A1
- (21) PCT/GB99/02881
- (22) 1 Sep/sep 1999 (01.09.1999)
- (25) en (26) en
- (30) 9819962.3 15 Sep/sep 1998 GB (15.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • NEEDLELESS INJECTOR CARTRIDGE
• CARTOUCHE D'INJECTION SANS AIGUILLE
- (71) WESTON MEDICAL LIMITED [GB/GB]; 2a Hales Barn Workshops, New Street, Stradbroke, Eye, Suffolk IP21 5JG (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WESTON, Terence, Edward [GB/GB]; Thornlea, Pixey Green, Stradbroke, Eye, Suffolk IP21 5NG (GB).
- (74) ELKINGTON AND FIFE; Prospect House, 8 Pembroke Road, Sevenoaks, Kent TN13 1XR (GB).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ A61M 11/00, 15/00, 16/10
- (11) WO 00/15282 (13) A1
- (21) PCT/IL99/00492
- (22) 9 Sep/sep 1999 (09.09.1999)
- (25) en (26) en
- (30) 126200 14 Sep/sep 1998 IL (14.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • NEBULIZER
• NEBULISEUR
- (71) AEROTRON MEDICAL INSTRUMENTATION LTD. [IL/IL]; Moshav Shahar 64, 79335 D.N. South Lachish (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ELIYAHU, Nitzan [IL/IL]; Moshav Shahar 64, 79335 D.N. South Lachish (IL).
ARENSHTAM, Alexander [IL/IL]; Shivtei Yisrael Street 31/10, 27223 Kiryat Gat (IL).
- (74) JEREMY M. BEN-DAVID & CO. LTD.; P.O. Box 45087, Har Hotzvim Hi-Tech Park, 91450 Jerusalem (IL).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ A61M 16/04
- (11) WO 00/15284 (13) A1
- (21) PCT/US99/21225
- (22) 15 Sep/sep 1999 (15.09.1999)
- (25) en (26) en
- (30) 09/156,297 17 Sep/sep 1998 US (17.09.1998)
- (30) 09/157,605 21 Sep/sep 1998 US (21.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • RESPIRATORY SUCTION CATHETER APPARATUS
• APPAREIL RESPIRATOIRE A CATHETER D'ASPIRATION
- (71) BALLARD MEDICAL PRODUCTS [US/US]; 12050 Lone Peak Parkway, Draper, UT 84020 (US).
- (72) CRUMP, Chet, M.; 12518 South Bear Mountain Drive, Draper, UT 84020 (US).
MADSEN, Edward, B.; 12707 South 2160 West, Riverton, UT 84065 (US).
- (74) JONES, John, Wilson; 600 Travis, Suite 3400, Houston, TX 77002-3095 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ A61M 16/04, A61F 5/56
- (11) WO 00/15283 (13) A1
- (21) PCT/US99/20495
- (22) 9 Sep/sep 1999 (09.09.1999)
- (25) en (26) en
- (30) 60/100,623 16 Sep/sep 1998 US (16.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • DEVICE AND METHOD FOR IMPROVING BREATHING
• DISPOSITIF ET METHODE D'AMELIORATION DE LA RESPIRATION
- (71, 72) THORNTON, W., Keith [US/US]; 5524 Edlen, Dallas, TX 75220 (US).
- (74) KENNERLY, Christopher, W.; Baker & Botts, L.L.P., 2001 Ross Avenue, Dallas, TX 75201-2980 (US).
- (81) AU CA JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)⁷ A61M 25/00, A01N 43/04
- (11) WO 00/15285 (13) A1
- (21) PCT/US99/18624

- (22) **17 Aug/août 1999 (17.08.1999)**
(25) en (26) en
(30) 60/100,168 **14 Sep/sep 1998** US
(14.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • A PROCESS FOR DELIVERING NUCLEIC ACIDS TO CARDIAC TISSUE
• PROCEDE D'ADMINISTRATION D'ACIDES NUCLEIQUES AUX TISSUS CARDIAQUES
(71) **MIRUS CORPORATION** [US/US]; 545 Science Drive, Madison, WI 53711 (US).
(72) **WOLFF, Jon, A.**; 1122 University Bay Drive, Madison, WI 53705 (US).
(74) **JOHNSON, Mark, K.**; P.O. Box 510644, New Berlin, WI 53151-0644 (US).
(81) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁶ **A61M 25/00**
(11) **WO 00/15286** (13) A1
(21) PCT/US99/20496
(22) **10 Sep/sep 1999 (10.09.1999)**
(25) en (26) en
(30) 09/151,615 **11 Sep/sep 1998** US
(11.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • MAGNETICALLY NAVIGABLE TELESCOPING CATHETER AND METHOD OF NAVIGATING TELESCOPING CATHETER
• CATHETER TELESCOPIQUE A NAVIGATION MAGNETIQUE ET PROCEDE DE NAVIGATION MAGNETIQUE D'UN CATHETER TELESCOPIQUE
(63) US 09/151,615 (CIP)
11 Sep/sep 1998 (11.09.1998)
(71) **STEREOTAXIS, INC.** [US/US]; 4041 Forest Park Avenue, St. Louis, MO 63108 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **HALL, Andrew, F.** [US/US]; 5184 Rossemond Drive, St. Charles, MI 63304 (US).
BLUME, Walter, M. [US/US]; 446 Oak Street, Webster Groves, MO 63119 (US).
(74) **WHEELOCK, Bryan, K.**; Howell & Haferkamp, L.C., Suite 1400, 7733 Forsyth Boulevard, St. Louis, MO 63105 (US).
(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **A61M 25/00**
(11) **WO 00/15287** (13) A2
(21) PCT/US99/21030
(22) **14 Sep/sep 1999 (14.09.1999)**
(25) en (26) en
(30) 09/153,340 **15 Sep/sep 1998** US
(15.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • ONE PIECE LOCK FOR SPLITTABLE SHEATH
• VERROU MONOBLOC POUR GAINÉ DIVISIBLE
(71) **BECTON, DICKINSON AND COMPANY** [US/US]; 1 Becton Drive, Franklin Lakes, NJ 07417-1880 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **HOWELL, Glade, H.** [US/US]; 1202 East 11000 South, Sandy, UT 84094 (US).
HARDING, Weston, Finch [US/US]; 2421 North 910 West, Lehi, UT 84043 (US).
JOHNSON, Steven, Wayne [US/US]; 7684 South 2250 West, West Jordan, UT 84084 (US).
CINDRICH, Christopher, Noel [US/US]; 4023 West Fairglen Circle, South Jordan, UT 84095 (US).
BROWN, Carolyn, Elizabeth [US/US]; 1333 South 200 East, Salt Lake City, UT 84115 (US).
(74) **LEE, Eric, M.**; Becton, Dickinson and Company, 1 Becton Drive, Franklin Lakes, NJ 07417-1880 (US).
(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁶ **A61M 25/00**
(11) **WO 00/15288** (13) A1
(21) PCT/US99/21579
(22) **17 Sep/sep 1999 (17.09.1999)**
(25) en (26) en
(30) 09/154,803 **17 Sep/sep 1998** US
(17.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • ANTIMICROBIAL URINARY CATHETER
• CATHETER URINAIRE ANTIMICROBIEN
(71) **KDF FLUID TREATMENT, INC.** [US/US]; Three Rivers Area Enterprise Park, 1500 KDF Drive, Three Rivers, MI 49093 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **HESKETT, Don, E.** [US/US]; 12279 Riverside Drive, White Pigeon, MI 44099 (US).
(74) **RIESS, Daniel, M.** et al. / etc.; Cook, Alex, McFarron, Manzo, Cummings & Mehler, Suite 2850, 200 West Adams Street, Chicago, IL 60606 (US).
(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **A61M 25/06**
(11) **WO 00/15289** (13) A1
(21) PCT/US99/21027
(22) **14 Sep/sep 1999 (14.09.1999)**
(25) en (26) en
(30) 09/153,321 **15 Sep/sep 1998** US
(15.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • SPLITTABLE CATHETER
• CATHETER DIVISIBLE
(71) **BECTON, DICKINSON AND COMPANY** [US/US]; 1 Becton Drive, Franklin Lakes, NJ 07417-1880 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **DAVIS, Bryan, G.** [-/US]; 9893 South Mumford Drive, Sandy, UT 84094 (US).
TINGEY, Kevin, G. [-/US]; 2281 E. 11620 South, Sandy, UT 84092 (US).
CRAWFORD, Mark, A. [-/US]; 1057 Pineridge Road, Sandy, UT 94094 (US).
(74) **LEE, Eric, M.**; Becton, Dickinson and Company, Franklin Lakes, NJ 07417-1880 (US).
(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **A61M 25/06, 25/01**
(11) **WO 00/15290** (13) A1
(21) PCT/US99/21029
(22) **14 Sep/sep 1999 (14.09.1999)**
(25) en (26) en
(30) 09/153,662 **15 Sep/sep 1998** US
(15.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • CLAMPING WING FOR CATHETER INTRODUCER

- AILETTE DE SERRAGE POUR DISPOSITIF D'INTRODUCTION DE CATHETER
- (71) **BECTON, DICKINSON AND COMPANY** [US/US]; 1 Becton Drive, Franklin Lakes, NJ 07417-1880 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HOWELL, Glade, H.** [US/US]; 91202 East 11000 South, Sandy, UT 84094 (US).
JOHNSON, Steven, Wayne [US/US]; 7684 South 2250 West, West Jordan, UT 84084 (US).
- (74) **LEE, Eric, M.**; Becton, Dickinson and Company, 1 Becton Drive, Franklin Lakes, NJ 07417-1880 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GD GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)⁶ **A61M 37/00**
- (11) **WO 00/15291** (13) A1
- (21) PCT/US99/14172
- (22) **18 Jun/juin 1999 (18.06.1999)**
- (25) en (26) en
- (30) 09/154,939 **17 Sep/sep 1998** US
(17.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • MULTI-VALVE INJECTION/ASPIRATION MANIFOLD
• COLLECTEUR DE PERFUSSION/ASPIRATION A VALVES MULTIPLES
- (71) **KIPPGROUP** [US/US]; 930 Wanamaker, Ontario, CA 91761 (US).
- (72) **FEITH, Raymond, P.**; 1785 West Via Verde Drive, Rialto, CA 92377 (US). **TRUITT, Tim**; 4632 E. White Dove, Orange, CA 92869 (US). **WERSCHMIDT, Gary, S.**; 21905 Heatheridge Drive, Yorba Linda, CA 92887 (US).
- (74) **MYERS, Richard, L.**; Myers, Dawes & Andras, 6th floor, 650 Town Center Drive, Costa Mesa, CA 92626 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **A61M 39/00**
- (11) **WO 00/15292** (13) A2
- (21) PCT/US99/20400
- (22) **7 Sep/sep 1999 (07.09.1999)**
- (25) en (26) en
- (30) 09/153,569 **15 Sep/sep 1998** US
(15.09.1998)
- (30) 09/153,816 **15 Sep/sep 1998** US
(15.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • SLIDING RECONSTITUTION DEVICE FOR A DILUENT CONTAINER
• DISPOSITIF DE RECONSTITUTION PAR COULISSEMENT POUR UN RECIPIENT A DILUANT
- (71) **BAXTER INTERNATIONAL INC.** [US/US]; One Baxter Parkway, Deerfield, IL 60015 (US).
- (72) **FOWLES, Thomas, A.**; 3420 Chellington Drive, McHenry, IL 60050 (US). **WEINBERG, Robert, J.**; 5403 Valley Drive, Richmond, IL 60071 (US). **PROGAR, Thomas, J.**; 10919 E. Riviera Drive, Spring Grove, IL 60083 (US).
- (74) **BUONAIUTO, Mark, J.** et al. / etc.; Baxter International Inc., One Baxter Parkway, Deerfield, IL 60015 (US).
- (81) AU BR CA JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **A61N 1/36**
- (11) **WO 00/15293** (13) A1
- (21) PCT/US99/21049
- (22) **14 Sep/sep 1999 (14.09.1999)**
- (25) en (26) en
- (30) 60/100,542 **16 Sep/sep 1998** US
(16.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • COMBINED STIMULATION OF VENTRAL AND DORSAL SACRAL ROOTS FOR CONTROL OF BLADDER FUNCTION
• STIMULATION COMBINEE DES RACINES SACREE VENTRALE ET DORSALE DESTINEE A REGULER LA FONCTION VESICALE
- (71) **AXON ENGINEERING, INC.** [US/US]; 15264 NEO Parkway, Garfield Heights, OH 44128 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BHADRA, Narendra** [IN/US]; 2075 Coventry Road, Cleveland Heights, OH 44118 (US). **MORTIMER, J., Thomas** [US/US]; 13753 County Line Road, Chagrin Falls, OH 44022 (US). **GRUNEWALD, Volker** [DE/DE]; Konstanty-Gutschour Strasse 8, D-3000 Hannover 61 (DE).
- (74) **LITZINGER, Jerrold, J.**; Sentron Medical, Inc., Suite 600, 4445 Lake Forest Drive, Cincinnati, OH 45242 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **A61N 1/39**
- (11) **WO 00/15294** (13) A1
- (21) PCT/US99/21382
- (22) **15 Sep/sep 1999 (15.09.1999)**
- (25) en (26) en
- (30) 09/153,407 **15 Sep/sep 1998** US
(15.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHODS AND APPARATUS FOR DETECTING MEDICAL CONDITIONS OF THE HEART
• PROCEDES ET DISPOSITIF PERMETTANT DE DETECTER DES PATHOLOGIES CARDIAQUES
- (71) **UAB RESEARCH FOUNDATION** [US/US]; Suite 1120G, 701 S. 20th Street, Birmingham, AL 35294 (US).
- (72) **IDEKER, Raymond, E.**; 76 Arlington Court, 2600 Arlington Avenue South, Birmingham, AL 35205 (US). **KENKNIGHT, Bruce, H.**; 16552 83rd Avenue North, Maple Grove, MN 55311 (US).
- (74) **SIBLEY, Kenneth, D.** et al. / etc.; Myers, Bigel, Sibley & Sajovec, P.A., P.O. Box 37428, Raleigh, NC 27627 (US).
- (81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)⁶ **A61N 2/00**
- (11) **WO 00/15295** (13) A1
- (21) PCT/US99/20950
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 09/152,195 **14 Sep/sep 1998** US
(14.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD AND APPARATUS FOR TREATMENT WITH RESONANT SIGNALS
• PROCEDE ET DISPOSITIF DE TRAITEMENT A L'AIDE DE SIGNAUX DE RESONANCE
- (71, 72) **CLARK, James, Hoyt** [US/US]; 244 West 520 North, Orem, UT 84057 (US).
- (74) **NELSON, J., David**; Nelson, Snuffer & Dahle, P.C., 10885 South State Street, Sandy, UT 84070 (US).

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

(51)⁶ A61N 5/00

(11) WO 00/15296 (13) A1

(21) PCT/US99/19015

(22) 20 Aug/août 1999 (20.08.1999)

(25) en (26) en

(30) 09/151,844 11 Sep/sep 1998 US (11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • CONFORMAL PATCH FOR ADMINISTERING LIGHT THERAPY TO SUBCUTANEOUS TUMORS
• TIMBRE CONFORME POUR PHOTOTHERAPIE DE TUMEURS SOUSCUTANÉES

(71) LIGHT SCIENCES LIMITED PARTNERSHIP [US/US]; 1065 - 12th Avenue N.W. #E5, Issaquah, WA 98027 (US).

(72) CHEN, James, C.; 2011 - 87th Place N.E., Bellevue, WA 98004 (US). WISCOMBE, Brent; 3014 East Holmes, Mesa, AZ 85204 (US).

(74) ANDERSON, Ronald, M.; Law Offices of Ronald M. Anderson, Suite 507, 600-108th Avenue N.E., Bellevue, WA 98004 (US).

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

(51)⁶ A61N 5/02

(11) WO 00/15297 (13) A1

(21) PCT/US99/20653

(22) 9 Sep/sep 1999 (09.09.1999)

(25) en (26) en

(30) 60/099,965 11 Sep/sep 1998 US (11.09.1998)

(30) Not furnished / 9 Sep/sep 1999 US non communiqué (09.09.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD AND APPARATUS FOR PROVIDING LOCALIZED HEATING OF THE PREOPTIC ANTERIOR HYPOTHALAMUS

• PROCEDE ET APPAREIL SERVANT A ASSURER UN CHAUFFAGE LOCALISE DE L'HYPOTHALAMUS ANTERIEUR PREOPTIQUE

(71) MEDIVANCE, INC. [US/US]; Suite 100, 500 South Arthur Avenue, Louisville, CO 80027 (US).

(72) CARSON, Gary, Allen; 21 McIntyre Court, Golden, CO 80401 (US).

(74) MARSH, Thomas, R.; Holme Roberts & Owen LLP, Suite 4100, 1700 Lincoln Street, Denver, CO 80203-4541 (US).

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

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(51)⁷ A61N 5/10

(11) WO 00/15298 (13) A1

(21) PCT/SE99/01564

(22) 8 Sep/sep 1999 (08.09.1999)

(25) sv (26) en

(30) 9803072-9 10 Sep/sep 1998 SE (10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • NEUTRON RADIATION INSTALLATION FOR TREATMENT OF CANCER
• DISPOSITIF DE RAYONNEMENT AUX NEUTRONS SERVANT A TRAITER LE CANCER

(71) RADICON AB [SE/SE]; Fatburs Brunns-gata 15, S-118 28 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SKÖLD, Kurt [SE/SE]; Stall-backsgränd 18, S-611 32 Nyköping (SE).

(74) AXEL EHRNERS PATENTBYRÅ AB; P.O. Box 103 16, Gumshornsgatan 7, S-100 55 Stockholm (SE).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(21) PCT/US99/20785

(22) 10 Sep/sep 1999 (10.09.1999)

(25) en (26) en

(30) 60/100,056 10 Sep/sep 1998 US (10.09.1998)

(30) 09/247,653 9 Feb/fév 1999 US (09.02.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • FALCON: AUTOMATED OPTIMIZATION METHOD FOR ARBITRARY ASSESSMENT CRITERIA

• FALCON: METHODE D'OPTIMISATION AUTOMATISEE POUR CRITERES D'EVALUATION ARBITRAIRES

(71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; 8th floor, 1111 Franklin Street, Oakland, CA 94607-5200 (US).

(72) YANG, Tser-Yuan; 887 Waverly Common, Livermore, CA 94550 (US). MOSES, Edward, I.; 1075 Sherry Way, Livermore, CA 94550 (US). HARTMANN-SIANTAR, Christine; 1582 Melanie Way, Livermore, CA 94550 (US).

(74) WOOLDRIDGE, John, P.; P.O. Box 808, L-703, Livermore, CA 94551 (US).

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

(51)⁷ A61N 7/00, A61B 17/00, 17/32

(11) WO 00/15300 (13) A1

(21) PCT/IL99/00505

(22) 16 Sep/sep 1999 (16.09.1999)

(25) en (26) en

(30) 126236 16 Sep/sep 1998 IL (16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR PEELING OF EPITHELIAL TISSUE AND APPARATUS AND SYSTEM FOR USE THEREFOR

• PROCEDE DE DERMABRASION DE TISSUS EPITHELIAUX, DISPOSITIF ET SYSTEME ASSOCIES

(71) ULTRA CURE LTD. [IL/IL]; Hamamat Hatechnion, Science Park Thecnion, P.O. Box 212, 36601 Neshet (IL).

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

(72, 75) IGER, Yoni [IL/IL]; Zrubavel Street 15, 34671 Haifa (IL). SHALHEVET, David [IL/IL]; P.O. Box 658, 25147 Kfar Vradim (IL). ALBALAK, Ariela [IL/IL]; International Street 48, 32206 Haifa (IL). SEGAL, Emanuel [IL/IL]; Hagalil 45, 32686 Haifa (IL). ELMAN, Dmitry [IL/IL]; Karkom Street 7/1, 21053 Maalot (IL).

(74) **REINHOLD COHN AND PARTNERS**; P.O. Box 4060, 61040 Tel-Aviv (IL).

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

(51)⁷ **A62C 31/07**

(11) **WO 00/15301** (13) A1

(21) PCT/EP99/06756

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) de (26) de

(30) 198 41 874.4 **11 Sep/sep 1998 DE (11.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **METHOD AND DEVICE FOR FIGHTING FIRES**

• **PROCEDE ET DISPOSITIF POUR LUTTER CONTRE LES INCENDIES**

(71) **FOGTEC BRANDSCHUTZ GMBH** [DE/DE]; Schanzenstrasse 35, D-51063 Köln (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SPRAKEL, Dirk, K.** [DE/DE]; Magnusstrasse 3, D-50672 Köln (DE).

(74) **COHAUSZ & FLORACK**; Kanzlerstrasse 8a, D-40472 Düsseldorf (DE).

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

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(51)⁷ **A62C 31/07**

(11) **WO 00/15302** (13) A1

(21) PCT/EP99/06757

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) de (26) de

(30) 198 41 876.0 **11 Sep/sep 1998 DE (11.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **DEVICE FOR GENERATING EXTINGUISHING FOAM**

• **DISPOSITIF POUR PRODUIRE DE LA MOUSSE D'EXTINCTION**

(71) **FOGTEC BRANDSCHUTZ GMBH** [DE/DE]; Schanzenstrasse 35, D-51063 Köln (DE).

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

(72, 75) **KAMMER, Peter** [CH/CH]; Spechtweg 6 a, CH-4552 Derendingen (CH). **ITIN, Beda** [CH/CH]; Hauptstrasse 20, CH-4438 Langenbruck (CH).

(74) **COHAUSZ & FLORACK**; Kanzlerstrasse 8a, D-40472 Düsseldorf (DE).

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

Published / Publiée : (c)

(51)⁷ **A62C 31/07**

(11) **WO 00/15303** (13) A1

(21) PCT/EP99/06769

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) de (26) de

(30) 198 41 875.2 **11 Sep/sep 1998 DE (11.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **EXTINGUISHING NOZZLE HEAD FOR DISCHARGING AN EXTINGUISHING LIQUID**

• **TETE DE BUSE D'EXTINCTION POUR PROJETER UN LIQUIDE D'EXTINCTION**

(71) **FOGTEC BRANDSCHUTZ GMBH** [DE/DE]; Schanzenstrasse 35, D-51063 Köln (DE).

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

(72, 75) **KAMMER, Peter** [CH/CH]; Spechtweg 6 a, CH-4552 Derendingen (CH). **ITIN, Beda** [CH/CH]; Hauptstrasse 20, CH-4438 Lagenbruck (CH).

(74) **COHAUSZ & FLORACK**; Kanzlerstrasse 8a, D-40472 Düsseldorf (DE).

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

Published / Publiée : (c)

(51)⁷ **A62C 35/08, 37/40**

(11) **WO 00/15304** (13) A1

(21) PCT/RU99/00224

(22) **9 Jul/juil 1999 (09.07.1999)**

(25) ru (26) ru

(30) 98116213 **1 Sep/sep 1998 RU (01.09.1998)**

(30) 99105977 **1 Apr/avr 1999 RU (01.04.1999)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **POWDER FIRE-EXTINGUISHING MODULE AND VARIANTS**

• **MODULE D'EXTINCTION D'INCENDIES A POWDRE ET VARIANTES**

(71, 72) **KUZNETSOV, Vladimir Ivanovich** [RU/RU]; ul. Kastanaevskaya, 6-16, Moscow, 121096 (RU). **BATRAKOV, Dmitry Vladimirovich** [RU/RU]; ul. Kantemirovskaya, 43-63, Moscow, 115477 (RU). **IVANOV, Viktor Georgievich** [RU/RU]; ul. Sovetskaya, 5-2, Pushkinsky r-n, pos. Lesnoi, Moskovskaya obl., 141291 (RU). **MAKAROV, Maxim Gennadiyevich** [RU/RU]; ul. Kastanaevskaya, 6-35, Moscow, 121096 (RU). **PUTILIN, Oleg Evgenievich** [RU/RU]; ul. Borisovskie prudy, 18-3-848, Moscow, 115612 (RU).

(74) **TOVARISHESTVO S OGRANICHENNOI OTVETSTVENOSTIJU FIRMA "VIS"**; Osenny bulvar, 11, Moscow, 121609 (RU).

(81) BG CA CZ EE HU LT LV PL UA US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)⁷ **A62D 1/06**

(11) **WO 00/15305** (13) A1

(21) PCT/RU99/00269

(22) **3 Aug/août 1999 (03.08.1999)**

(25) en (26) en

(30) 98117411 **11 Sep/sep 1998 RU (11.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **FIRE EXTINGUISHING AEROSOL FORMING MEANS**

• **CONSTITUANTS FORMANT UN AEROSOL D'EXTINCTION D'INCENDIE**

(71) **SHELLFOX PTY LTD.** [AU/AU]; 173 Belgrave Esplanade, Sylvania Waters, Sydney, NSW 2224 (AU).

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

(72, 75) **ZHEGROV, Evgeny Fedorovich** [RU/RU]; ul. Lermontova, 11a-6, Dzerzhinsky, Moskovskaya obl., 140056 (RU). **AGAFONOV, Dmitry Pavlovich** [RU/RU]; ul. 2-aya Sokolnicheskaya, 20-79, Moscow, 107014 (RU). **DORONICHEV, Alexander Ivanovich** [RU/RU]; ul. Stroitelei, 12-7, Dzerzhinsky, Moskovskaya obl., 140056 (RU). **MIKHAILOVA, Margarita Ivanovna** [RU/RU]; ul. Uritskogo, 23-6, Ljubertsy, Moskovskaya obl., 140007 (RU). **POLITOVA, Aida Batorygereevna** [RU/RU]; ul. Lermontova, 24-9, Dzerzhinsky, Moskovskaya obl., 140056 (RU). **NIKOLAEV, Sergei Vladimirovich** [RU/RU]; ul. Sportivnaya, 7-26, Dzerzhinsky, Moskovskaya obl., 140056 (RU).

(74) **SAPELNIKOV, Dmitry Alexeevich** et al. / etc.; Patent Bureau "Kvashnin, Sapelnikov and Partners", NIIR, 2-21, ul. Kazakova, 16, Moscow, 103064 (RU).

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

(51)⁶ A62D 3/00

(11) WO 00/15306 (13) A1

(21) PCT/US98/19704

(22) 16 Sep/sep 1998 (16.09.1998)

(25) en (26) en

(30) 09/153,223 14 Sep/sep 1998 US (14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • DEMILITARIZATION OF CHEMICAL MUNITIONS

• DESTRUCTION D'ARMES CHIMIQUES

(71) ALLIEDSIGNAL INC. [US/US]; 101 Columbia Road, Morristown, NJ 07962-2245 (US).

(72) JOHNSON, Russell, Ward; 143 Quincy Street, Elmhurst, IL 60126 (US). LUPTON, Francis, Stephen; 1325 Monroe Street, Evanston, IL 60202 (US). DEFEO, Brent, S.; 7 North Shore Terrace, Sparta, NJ 07871 (US). CHANG, Jeffrey; 212 Pontiac Lane, Vernon Hill, IL 60061 (US).

(74) BUFF, Ernest, D.; Riker, Danzig, Scherer, Hyland & Perretti LLP, Headquarters Plaza, One Speedwell Avenue, Morristown, NJ 07962-1981 (US) et al. / etc.

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

(51)⁶ A63B 21/00, A61H 3/00

(11) WO 00/15307 (13) A1

(21) PCT/RU99/00334

(22) 13 Sep/sep 1999 (13.09.1999)

(25) ru (26) ru

(30) 98116903 15 Sep/sep 1998 RU (15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • REFLEXIVE AND LOAD-APPLICATION DEVICE FOR TREATING PATIENTS SUFFERING FROM INFANTILE CEREBRAL PARALYSIS AS WELL AS PATIENTS SUFFERING

FROM THE AFTER-EFFECTS OF A CRANIOCEREBRAL TRAUMA

• DISPOSITIF AGISSANT SUR LES REFLEXES ET APPLIQUANT DES CHARGES PERMETTANT DE TRAITER DES MALADES SOUFFRANT DE PARALYSIE CEREBRALE INFANTILE AINSI QUE LES MALADES SOUFFRANT DE SEQUELLES D'UN TRAUMATISME CRANIOCEREBRAL

(71, 72) AVERIYANOV, Andrei Igorevich [RU/RU]; ul. Timiryazevskaya, 32-2-48, Moscow, 125422 (RU). SEMENOVA, Xeniya Alexandrovna [RU/RU]; ul. Druzhby, 2/19-54, Moscow, 117330 (RU). CHUGUNOV, Vitaly Viktorovich [RU/RU]; ul. Butyrskaya, 3-80, Moscow, 125015 (RU). SHVARKOV, Sergei Borisovich [RU/RU]; Zadonsky proezd, 24-1-119, Moscow, 115682 (RU).

(74) KONOPLYANNIKOVA, Tatiyana Nikolaevna; a/ya, 32, Moscow, 121165 (RU).

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

(51)⁶ A63B 22/06, B60L 7/00, F16F 15/03

(11) WO 00/15308 (13) A1

(21) PCT/US99/20793

(22) 9 Sep/sep 1999 (09.09.1999)

(25) en (26) en

(30) 09/151,393 10 Sep/sep 1998 US (10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • BICYCLE TRAINER MAGNETIC RESISTANCE DEVICE

• DISPOSITIF DE RESISTANCE MAGNETIQUE POUR VELO D'EXERCICE

(71) BELL SPORTS, INC. [US/US]; 6350 San Ignacio Avenue, San Jose, CA 95119 (US).

(72) GUNTHER, John, A.; 1426 James Avenue, Redwood City, CA 94062 (US). DEROCHE, Mark, S.; 656 Porter Lane, Hermosa Beach, CA 90254 (US).

(74) GUILLOT, Robert et al. / etc.; Oppenheimer Wolff & Donnelly LLP, Suite 200, 3373 Hillview Avenue, Palo Alto, CA 94304 (US).

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

(51)⁶ A63B 45/00, B29C 45/14, 45/26, 45/36

(11) WO 00/15309 (13) A1

(21) PCT/US99/21082

(22) 14 Sep/sep 1999 (14.09.1999)

(25) en (26) en

(30) 09/153,036 15 Sep/sep 1998 US (15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD AND APPARATUS FOR INJECTION MOLDING GOLF BALLS

• PROCEDE ET APPAREIL PERMETTANT DE MOULER PAR INJECTION DES BALLE DE GOLF

(71) ACUSHNET COMPANY [US/US]; 333 Bridge Street, Fairhaven, MA 02719 (US).

(72) DALTON, Jeffrey, L.; 14 Sleepy Hollow Road, Dartmouth, MA 02747 (US). WILSON, Robert, A.; 7 Hilltop Drive, Sagamore, MA 02561 (US).

(74) WEILD, David, III. et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

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

Published / Publiée : (c)

(51)⁷ A63B 53/14, 49/08

(11) WO 00/15310 (13) A1

(21) PCT/GB99/02942

(22) 6 Sep/sep 1999 (06.09.1999)

(25) en (26) en

(30) 9819734.6 11 Sep/sep 1998 GB (11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • APPARATUS FOR APPLYING A COVER TO A GRIP OF A GOLF CLUB OR OTHER HANDLED SPORTING IMPLEMENT AND METHOD FOR APPLYING A COVER TO A GRIP

• DISPOSITIF D'APPLICATION D'UNE GAINÉ PROTECTRICE A UNE PRISE D'UN CLUB DE GOLF OU D'UN AUTRE ARTICLE DE SPORT A MANCHE ET PROCEDE D'APPLICATION ASSOCIE

(71, 72) RUSSELL, Ian [GB/GB]; 4 King's Place, Perth PH2 8AA (GB).

(74) MURGITROYD & COMPANY; 373 Scotland Street, Glasgow G5 8QA (GB).

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

(51)⁶ A63B 69/36

(11) WO 00/15311 (13) A1

(21) PCT/US99/20961

(22) 9 Sep/sep 1999 (09.09.1999)

(25) en (26) en

(30) 09/156,540 17 Sep/sep 1998 US (17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • CONFIGURATION OF A GOLF CLUB IN ACCORDANCE WITH INDIVIDUAL SWING

• CONFIGURATION D'UN CLUB DE GOLF SELON UN SWING INDIVIDUEL

(71) **ACUSHNET COMPANY** [US/US]; 333 Bridge Street, Fairhaven, MA 2719 (US).

(72) **CAMERON, Don, T.**; 7301 Bolero Street, Carlsbad, CA 92009 (US). **SLIVNIK, August, L.**; 671 Matagual Drive, Vista, CA 92083 (US).

(74) **WEILD, David, III** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

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

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(51)⁷ **A63C 1/30, 1/00, 1/32**

(11) **WO 00/15312** (13) A1

(21) PCT/US99/21292

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 09/156,847 **16 Sep/sep 1998** US
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ICE SKATE

• PATIN A GLACE

(71) **JAS. D. EASTON, INC.** [US/US]; 7855 Haskell Avenue, Suite 200, Van Nuys, CA 91406-1999 (US).

(72) **GOLDSMITH, Edward, M.**; 12654 Braxton Place, Granada Hills, CA 91344 (US). **GROSSMAN, Richard, D.**; 10910 White Oak Avenue, Granada Hills, CA 91344 (US).

(74) **LYON & LYON LLP**; DICKERSON, Robert W., 633 West Fifth Street, Suite 4700, Los Angeles, CA 90071-2066 (US).

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

(51)⁷ **A63F 9/04, 3/00, G06K 9/62, A63F 1/18**

(11) **WO 00/15313** (13) A1

(21) PCT/DE99/02666

(22) **25 Aug/août 1999 (25.08.1999)**

(25) de (26) de

(30) 198 42 161.3 **15 Sep/sep 1998** DE
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • DEVICE FOR AUTOMATIC DETECTION OF THE NUMBER OF SPOTS ON THE TOP SIDE OF A DICE FOR USE ON A PROFESSIONAL BASIS

• DISPOSITIF DE DETECTION AUTOMATIQUE DU NOMBRE DE POINTS D'UN DE POUR LA PRATIQUE PROFESSIONNELLE D'UN JEU

(71, 72) **ORDER, Michail** [DE/DE]; Ostlandstrasse 96, D-50589 Köln (DE).

(74) **LOTTERHOS & PARTNER GBR**; Lichtensteinstrasse 3, D-60322 Frankfurt am Main (DE).

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

Published / Publiée : (c)

(51)⁶ **A63F 9/18, 9/22, G07F 17/34**

(11) **WO 00/15314** (13) A1

(21) PCT/US99/20603

(22) **8 Sep/sep 1999 (08.09.1999)**

(25) en (26) en

(30) 60/099,959 **11 Sep/sep 1998** US
(11.09.1998)

(30) 09/372,560 **11 Aug/août 1999** US
(11.08.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • KNOWLEDGE-BASED CASINO GAME AND METHOD THEREFOR

• JEU DE CASINO BASE SUR LES CONNAISSANCES ET PROCEDE ASSOCIE

(71) **MIKOHN GAMING CORPORATION** [US/US]; 1045 Palms Airport Drive, Las Vegas, NV 89119 (US).

(72) **VANCURA, Olaf**; 4684 Stuttgart Street, Las Vegas, NV 89147 (US).

(74) **CARSON, W., Scott** et al. / etc.; Dorr, Carson, Sloan & Birney, P.C., 3010 E. 6th Avenue, Denver, CO 80206 (US).

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

(51)⁷ **A63F 13/08, 11/00**

(11) **WO 00/15315** (13) A1

(21) PCT/JP99/05051

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) ja (26) ja

(30) 10/262147 **16 Sep/sep 1998** JP
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • GAME MACHINE

• MACHINE DE JEU

(71) **SEGA ENTERPRISES, LTD.** [JP/JP]; 2-12, Haneda 1-chome, Ohta-ku, Tokyo 144-0043 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAWABATA, Masaki** [JP/JP]; Sega Enterprises, Ltd., 2-12, Haneda 1-chome, Ohta-ku, Tokyo 144-0043 (JP). **TSUDA, Kimio** [JP/JP]; Sega Enterprises, Ltd., 2-12, Haneda 1-chome, Ohta-ku, Tokyo 144-0043 (JP).

(74) **INABA, Yoshiyuki** et al. / etc.; TMI Associates, 37 Mori Building, Suite 803, 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-0001 (JP).

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

(51)⁷ **A63H**

(11) **WO 00/15316** (13) A2

(21) PCT/IL99/00506

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) en (26) en

(30) PCT/IL98/00450 **16 Sep/sep 1998** IL
(16.09.1998)

(30) 126444 **2 Oct/oct 1998** IL
(02.10.1998)

(30) 127072 **16 Nov/nov 1998** IL
(16.11.1998)

(30) 127569 **14 Dec/déc 1998** IL
(14.12.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • INTERACTIVE TOYS

• JOUETS INTERACTIFS

(63) US PCT/IL98/00450 (CIP)
16 Sep/sep 1998 (16.09.1998)

(71) **COMSENSE TECHNOLOGIES, LTD.** [IL/IL]; Twin Towers 2, Jabotinsky Street 35, 52511 Ramat Gan (IL).
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(72, 75) **ATSMON, Alon** [IL/IL]; Ben-Gurion Street 131/2, 56209 Yehud (IL). **AN-TEBI, Amit** [IL/IL]; Rokach Street 56, 52582 Ramat Gan (IL). **COHEN, Moshe** [IL/IL]; Chovavei Zion Street 47, 63346 Tel Aviv (IL). **SHIMONI, Sharon** [IL/IL]; Ben-Gurion Street 131/2, 56208 Yehud (IL).

(74) **FENSTER, Paul** et al. / etc.; Fenster & Company Patent Attorneys, Ltd., P.O. Box 10256, 49002 Petach Tikva (IL).

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

(51)⁶ **B01D 3/10, 3/34, 3/42**

(11) **WO 00/15317** (13) A1

(21) PCT/US99/20627

(22) 9 Sep/sep 1999 (09.09.1999)

(25) en (26) en

(30) 09/151,222 10 Sep/sep 1998 US
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • MODULAR SOLVENT RECOVERY
DEVICE• DISPOSITIF MODULAIRE DE RECU-
PERATION DE SOLVANTS(71) IHS SOLVENT SOLUTIONS, INC.
[US/US]; 1520 Airport Drive, Ball Ground,
GA 30107 (US).(72) MABRY, Michael, D.; 3172 Oak Springs
Trace, Marietta, GA 30066 (US). McAL-
LISTER, Donald, R.; 16350 Freemanville
Road, Atlanta, GA 30004 (US).(74) ARNOLD, Jeffery, B. et al. / etc.; Womble,
Carlyle, Sandridge & Rice, PLLC, P.O. Box
725388, Atlanta, GA 31139-9388 (US).(81) AL AM AT AU AZ BA BB BG BR BY CA
CH CN CU CZ DE DK EE ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG
KP KR KZ LC LK LR LS LT LU LV MD
MG MK MN MW MX NO NZ PL PT RO
RU SD SE SG SI SK SL TJ TM TR TT UA
UG UZ VN YU ZW; AP (GH GM KE LS
MW SD SL SZ UG ZW); EA (AM AZ BY
KG KZ MD RU TJ TM); EP (AT BE CH
CY DE DK ES FI FR GB GR IE IT LU MC
NL PT SE); OA (BF BJ CF CG CI CM GA
GN GW ML MR NE SN TD TG).(51)⁶ B01D 3/10, 3/42, C02F 1/04

(11) WO 00/15318 (13) A1

(21) PCT/US99/21576

(22) 17 Sep/sep 1999 (17.09.1999)

(25) en (26) en

(30) 09/154,918 17 Sep/sep 1998 US
(17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • LIQUID PURIFYING DISTILLATION
PROCESS• PROCEDE DE DISTILLATION CONÇU
POUR LA PURIFICATION D'UN LI-
QUIDE(71, 72) QUIROS, Jose, M. [US/US]; 5385
Strasbourg Avenue, Irvine, CA 92604 (US).(74) GESS, Albin, H.; Price, Gess & Ubell,
Suite 250, 2100 S.E. Main Street, Irvine, CA
92614 (US).(81); EP (AT BE CH CY DE DK ES FI FR GB
GR IE IT LU MC NL PT SE).(51)⁶ B01D 3/32

(11) WO 00/15319 (13) A1

(21) PCT/US99/18148

(22) 10 Aug/août 1999 (10.08.1999)

(25) en (26) en

(30) 09/150,573 10 Sep/sep 1998 US
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • PROCESS FOR THE SIMULTANEOUS
TREATMENT AND FRACTIONA-
TION OF LIGHT NAPHTHA HYDRO-
CARBON STREAMS• PROCEDE DE FRACTIONNEMENT ET
DE TRAITEMENT SIMULTANES DE
COURANTS D'HYDROCARBURE AU
NAPHTHA LEGER(71) CATALYTIC DISTILLATION
TECHNOLOGIES [US/US]; 10100 Bay
Area Boulevard, Pasadena, TX 77507 (US).(72) GILDERT, Gary, R.; 10100 Bay Area Bou-
levard, Pasadena, TX 77507 (US). GRO-
TEN, Willibrord, A.; 10100 Bay Area Bou-
levard, Pasadena, TX 77507 (US). PUT-
MAN, Hugh, M.; 10100 Bay Area Boule-
vard, Pasadena, TX 77507 (US).(74) JOHNSON, Kenneth, H.; P.O. Box
630708, Houston, TX 77263 (US).(81) AE AL AM AT AU AZ BA BB BG BR BY
CA CH CN CU CZ DE DK EE ES FI GB
GD GE GH GM HR HU ID IL IN IS JP KE
KG KP KR KZ LC LK LR LS LT LU LV
MD MG MK MN MW MX NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT
UA UG UZ VN YU ZA ZW; AP (GH GM
KE LS MW SD SL SZ UG ZW); EA (AM
AZ BY KG KZ MD RU TJ TM); EP (AT
BE CH CY DE DK ES FI FR GB GR IE IT
LU MC NL PT SE); OA (BF BJ CF CG CI
CM GA GN GW ML MR NE SN TD TG).(51)⁷ B01D 5/00

(11) WO 00/15320 (13) A1

(21) PCT/GB99/02983

(22) 8 Sep/sep 1999 (08.09.1999)

(25) en (26) en

(30) 9819726.2 11 Sep/sep 1998 GB
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • VAPOUR RECOVERY SYSTEM

• CIRCUIT DE RECUPERATION DE LA
PHASE GAZEUSE(71) ADVANCED CRYOGENIC SYSTEMS
LIMITED [GB/GB]; Unit 1 Enfield Ave-
nue, Leeds LS7 1QN (GB).*(for all designated States except / pour tous
les États désignés sauf / US)*(72, 75) BOOTHROYD, David, Lawrence
[GB/GB]; Advanced Cryogenic Systems
Limited, Unit 1 Enfield Avenue, Leeds LS7
1QN (GB).(74) HARRISON GODDARD FOOTE;
Belmont House, 20 Wood Lane, Leeds
LS6 2AE (GB).(81) AE AL AM AT AU AZ BA BB BG BR BY
CA CH CN CU CZ DE DK DM EE ES FI
GB GD GE GH GM HR HU ID IL IN IS
JP KE KG KP KR KZ LC LK LR LS LT
LU LV MD MG MK MN MW MX NO NZ
PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT UA UG US UZ VN YU ZA ZW; AP
(GH GM KE LS MW SD SL SZ UG ZW);
EA (AM AZ BY KG KZ MD RU TJ TM);
EP (AT BE CH CY DE DK ES FI FR GB
GR IE IT LU MC NL PT SE); OA (BF BJ
CF CG CI CM GA GN GW ML MR NE SN
TD TG).

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(51)⁶ B01D 15/08

(11) WO 00/15321 (13) A1

(21) PCT/US99/20066

(22) 1 Sep/sep 1999 (01.09.1999)

(25) en (26) en

(30) 09/156,507 17 Sep/sep 1998 US
(17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • INTEGRATED MONOLITHIC MICRO-
FABRICATED ELECTROSPRAY AND
LIQUID CHROMATOGRAPHY SYS-
TEM AND METHOD• SYSTEME MONOLITHIQUE
INTEGRE MICROFABRIQUE
D'ELECTRONEBULISATION ET DE
CHROMATOGRAPHIE EN PHASE
LIQUIDE ET PROCEDE ASSOCIE(71) ADVANCED BIOANALYTICAL SER-
VICES, INC. [US/US]; 15 Catherwood
Road, Ithaca, NY 14850 (US). KIONIX,
INC. [US/US]; 22 Thornwood Drive, Ithaca,
NY 14850 (US).(72) MOON, James, E.; 122 E. Remington
Road, Ithaca, NY 14850 (US). SCHULTZ,
Gary, A.; 323 Richard Place, Ithaca, NY
14850 (US). CORSO, Thomas, N.; Apart-
ment 7, 5 Mineah Road, Freeville, NY 13068
(US). DAVIS, Timothy, J.; 2283 State
Route 96, Trumansburg, NY 14886 (US).
GALVIN, Gregory, J.; 124 E. King Road,
Ithaca, NY 14850 (US). LOWES, Stephen;
418 Ferguson Road, Freeville, NY 13068
(US).(74) SEELEY, David, O. et al. / etc.; Workman,
Nydegger & Seeley, 1000 Eagle Gate Tower,
60 East South Temple, Salt Lake City, UT
84111 (US).(81) AE AL AM AT AU AZ BA BB BG BR BY
CA CH CN CR CU CZ DE DK DM EE ES
FI GB GD GE GH GM HR HU ID IL IN IS
JP KE KG KP KR KZ LC LK LR LS LT LU
LV MD MG MK MN MW MX NO NZ PL
PT RO RU SD SE SG SI SK SL TJ TM TR
TT UA UG UZ VN YU ZA ZW; AP (GH
GM KE LS MW SD SL SZ UG ZW); EA
(AM AZ BY KG KZ MD RU TJ TM); EP
(AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE); OA (BF BJ CF
CG CI CM GA GN GW ML MR NE SN TD
TG).(51)⁶ B01D 35/00

(11) WO 00/15322 (13) A1

(21) PCT/US99/20834

(22) 10 Sep/sep 1999 (10.09.1999)

(25) en (26) en

(30) 09/151,327 11 Sep/sep 1998 US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • WASTEWATER TREATMENT SYSTEM
WITH AIR PUMP/CONTROL PANEL
PLATFORM

- SYSTEME DE TRAITEMENT DES EAUX USEES AVEC PLATE-FORME DE PANNEAU DE COMMANDE/POMPE A AIR
- (71) **AQUA PARTNERS, LTD.** [US/US]; 7936 Goldstar, Lumberton, TX 77637 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DREWERY, T., Gig** [US/US]; 7678 Cobblestone Terrace, Lumberton, TX 77657 (US).
- (74) **EGBERT, John, S.;** Harrison & Egbert, Suite 100, 1018 Preston Street, Houston, TX 77002 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **B01D 53/75, 53/34**
- (11) **WO 00/15323** (13) A1
- (21) PCT/AU99/00761
- (22) **13 Sep/sep 1999 (13.09.1999)**
- (25) en (26) en
- (30) PP 5880 **11 Sep/sep 1998 AU (11.09.1998)**
- (30) PP 9208 **15 Mar/mar 1999 AU (15.03.1999)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • PROCESS FOR THE REMOVAL OF POLLUTANTS FROM FLUE GASES
• PROCÉDÉ D'EXTRACTION DE POLLUANTS DE GAZ DE COMBUSTION
- (71, 72) **STERLING, David** [AU/AU]; 42 Abraham Close, Baskerville, W.A. 6056 (AU).
- (74) **WATERMARK PATENT & TRADE-MARK ATTORNEYS;** Durack Centre, 4th floor, 263 Adelaide Terrace, Perth, W.A. 6000 (AU).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **B01D 53/86, F24F 3/16**
- (11) **WO 00/15324** (13) A1
- (21) PCT/US99/17637
- (22) **3 Aug/août 1999 (03.08.1999)**
- (25) en (26) en
- (30) 09/151,784 **11 Sep/sep 1998 US (11.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • DEVICE CONTAINING OZONE REMOVING COMPOSITION FOR ATTACHMENT TO HEAT EXCHANGE SYSTEMS
• DISPOSITIF CONTENANT UNE COMPOSITION SUPPRIMANT L'OZONE, DESTINE A ETRE FIXE A DES SYSTEMES ECHANGEURS DE CHALEUR
- (71) **ENGELHARD CORPORATION** [US/US]; 101 Wood Avenue, P.O. Box 770, Iselin, NJ 08830-0770 (US).
- (72) **HOKE, Jeffrey, B.;** 1374 Luke Street, North Brunswick, NJ 08902 (US). **HECK, Ronald, M.;** 269 Kingwood Station Road, Frenchtown, NJ 08825 (US). **BEHM, Ernest;** 2364 E. 66th Street, Brooklyn, NY 11234 (US). **ECKSTEIN, David, H.;** 2611 Avenue L, Brooklyn, NY 11210 (US).
- (74) **MILLER, Stephen, I.** et al. / etc.; Engelhard Corporation, 101 Wood Avenue, P.O. Box 770, Iselin, NJ 08830-0770 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **B01D 63/00**
- (11) **WO 00/15325** (13) A1
- (21) PCT/RU99/00314
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) ru (26) ru
- (30) 98117350 **17 Sep/sep 1998 RU (17.09.1998)**
- (30) 98117920 **1 Oct/oct 1998 RU (01.10.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • LIQUID FILTRATION APPARATUS
• APPAREIL DE FILTRATION DE LIQUIDES
- (71) **FEDERALNOE GOSUDARSTVENNOE UNITARNOE PREDPRIYATIE "ISSLEDOVATELSKY TSENTR IMENI M.V.KELDYSHA"** [RU/RU]; Onezhskaya ul., 8-10, Moscow, 125438 (RU). **ZAKRYTOE AKTSIONERNOE OBSHESTVO NAUCHNO-PROIZVODSTVENNOE OBIEDINENIE "ENERGETICHESKIE I KOSMICHESKIE TEKHNOLOGII"** [RU/RU]; Leninsky pr., 9, Moscow, 117049 (RU).
- (72) **KUZNETSOV, Sergei Vladimirovich;** ul. Sudakova, 7-85, Moscow, 109382 (RU). **DESYATOV, Andrei Viktorovich;** ul. Bochvara, 10b-28, Moscow, 123098 (RU). **FILATOV, Nikolai Ivanovich;** Butyrskaya ul., 91-89, Moscow, 125015 (RU). **INKIN, Alexandr Ivanovich;** 3-i Mikhalkovskiy pereulok, 13/25-55, Moscow, 125008 (RU). **SIDORIN, Gennady Mikhailovich;** Khoroshevskoe shosse, 13a-2, Moscow, 123007 (RU). **SHUSTOV, Alexandr Semenovich;** Astradamskaya ul, 7b-30, Moscow, 125206 (RU).
- (81) AU IL NZ ZA; AP (GH GM KE LS MW SD SL SZ UG ZW).
- Published / Publiée : (c)
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- (51)⁶ **B01D 71/02, 61/00**
- (11) **WO 00/15326** (13) A2
- (21) PCT/NL99/00537
- (22) **30 Aug/août 1999 (30.08.1999)**
- (25) nl (26) en
- (30) 1010097 **15 Sep/sep 1998 NL (15.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • A SEPARATING DEVICE COMPRISING A CERAMIC MEMBRANE
• DISPOSITIF SEPARATEUR COMPRENANT UNE MEMBRANE CERAMIQUE
- (71) **UNIVERSITEIT TWENTE** [NL/NL]; P.O. Box 217, NL-7500 AE Enschede (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NIJMEIJER, Arian** [NL/NL]; Deuningestraat 240, NL-7522 CL Enschede (NL). **KRUIDHOF, Hendrik** [NL/NL]; Brederostraat 316, NL-7552 KK Hengelo (NL). **VERWELJ, Hendrik** [NL/NL]; Groenlandhorst 12, NL-7531 LG Enschede (NL).
- (74) **LOUËT FEISSER, Arnold** et al. / etc.; Arnold & Siedsma, Sweelinckplein 1, NL-2517 GK Den Haag (NL).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ B01F 5/08

(11) WO 00/15327 (13) A1

(21) PCT/SE99/01593

(22) 13 Sep/sep 1999 (13.09.1999)

(25) en (26) en

(30) 9803124-8 15 Sep/sep 1998 SE
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● A METHOD OF HOMOGENIZATION
● PROCEDE D'HOMOGENEISATION(71) TETRA LAVAL HOLDINGS & FINANCE SA [CH/CH]; 70, avenue Général-Guisan, CH-1009 Pully (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) INNINGS, Fredrik [SE/SE]; Slussvägen 12 I, S-211 30 Malmö (SE). MALMBERG, Rolf [SE/SE]; Spårsnövägen 44, S-226 52 Lund (SE).

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

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

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(51)⁷ B01F 11/00

(11) WO 00/15328 (13) A1

(21) PCT/GB99/02855

(22) 31 Aug/août 1999 (31.08.1999)

(25) en (26) en

(30) 9819897.1 11 Sep/sep 1998 GB
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● DEVICES FOR BLENDING MATERIALS
● DISPOSITIFS DE MELANGE DE SUBSTANCES(71) SEWARD LIMITED [GB/GB]; 98 Great North Road, London N2 0GN (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RAY, Stuart, John [GB/GB]; 68 North Hill, Highgate, London N6 4RH (GB). LANCHESTER, Kevin, John [GB/GB]; 68 Kerridges, East Harling, Norwich, Norfolk NR16 2QB (GB).

(74) SMITH, Norman, Ian et al. / etc.; F.J. Cleveland & Company, 40-43 Chancery Lane, London WC2A 1JQ (GB).

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

(51)⁷ B01J 2/04

(11) WO 00/15329 (13) A1

(21) PCT/EP99/06527

(22) 4 Sep/sep 1999 (04.09.1999)

(25) de (26) de

(30) 60/100,466 15 Sep/sep 1998 US
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● METHOD FOR PRODUCING NANOPARTICLES
● PROCEDE DE PRODUCTION DE NANOPARTICULES

(71) HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN [DE/DE]; Henkelstrasse 67, D-40589 Düsseldorf (DE).

(72) KROPE, Christian; Cäcilienstrasse 4, D-40597 Düsseldorf (DE). DOLHAIN, Hans; Bendgasse 20, D-41352 Korschbroich (DE). FÖRSTER, Thomas; Adalbert-Stifter-Strasse 15, D-40699 Erkrath (DE). SCHABER, Karlheinz; Alte Ziegelei 22, D-76316 Malsch (DE). TÜRK, Michael; Geranienstrasse 18, D-76185 Karlsruhe (DE). CIHLAR, Stephan; Höhenzollerstrasse 41, D-76135 Karlsruhe (DE). CHRISTOPHLEMK, Peter; Rudolf-Breitscheid-Strasse 61, D-40595 Düsseldorf (DE).

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

Published / Publiée : (c)

(51)⁷ B01J 20/20, 20/28, F17C 11/00, B01D 53/04

(11) WO 00/15330 (13) A1

(21) PCT/US99/20973

(22) 10 Sep/sep 1999 (10.09.1999)

(25) en (26) en

(30) 09/151,920 11 Sep/sep 1998 US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● GAS STORAGE CARBON WITH ENHANCED THERMAL CONDUCTIVITY
● CARBONE DE STOCKAGE DE GAZ A CONDUCTIVITE THERMIQUE AMELIOREE(71) LOCKHEED MARTIN ENERGY RESEARCH CORPORATION [-/US]; P.O. Box 2009, Oak Ridge, TN 37831-8243 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BURCHELL, Timothy, D. [-/US]; 109 Greywood Place, Oak Ridge, TN 37830 (US). JUDKINS, Roddie, R. [US/US]; 9917 Rainbow Drive, Knoxville, TN 37922 (US). ROGERS, Michael, Ray [US/US]; 806 Etans's Glen Drive, Knoxville, TN 37923 (US).

(74) MARASCO, Joseph, A.; P.O. Box 2009, Oak Ridge, TN 37831-8243 (US).

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

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(51)⁷ B01J 20/28, B01D 11/02, 17/02

(11) WO 00/15331 (13) A1

(21) PCT/US99/21113

(22) 13 Sep/sep 1999 (13.09.1999)

(25) en (26) en

(30) 60/100,242 14 Sep/sep 1998 US
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● EXTRACTION ARTICLES AND METHODS
● ARTICLES ET PROCEDES D'EXTRACTION(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PERMAN, Craig, A. [US/US]; 7180 Montrose Road, Woodbury, MN 55125 (US). ANSERA, Taib, K. [US/US]; 1099 Cumberland Street, Saint Paul, MN 55117 (US). WISTED, Eric, E. [US/US]; 6070 West 130th Street, Apple Valley, MN 55124 (US). BERRIGAN, Michael, R. [US/US]; 2149 Hallmark Avenue North, Oakdale, MN 55128-4523 (US). JACOBSON, Jason, R. [US/US]; Apartment 205, 7749 Hearthside Avenue, Cottage Grove, MN 55016 (US). BAYER, Glen, H., Jr. [US/US]; 8423 68th Street South, Cottage Grove, MN 55016 (US).

(74) BOND, William, J. et al. / etc.; 3M Innovative Properties Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

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

Published / Publiée : (c)

(51)⁷ **B01J 23/04, 33/00, 23/66, C07D 301/10, B01J 23/92, 38/04**

(11) **WO 00/15332** (13) A1

(21) PCT/US99/20815

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) en (26) en

(30) 152,124 **14 Sep/sep 1998** US
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • REACTIVATION OF CS-PROMOTED, AG CATALYSTS FOR THE SELECTIVE EPOXIDATION OF BUTADIENE TO 3,4-EPOXY-1-BUTENE

• REACTIVATION DE CATALYSEURS A L'ARGENT (AG) ACTIVES AU CESIUM (CS), UTILISES POUR L'EPOXIDATION SELECTIVE DU BUTADIENE EN 3,4-EPOXY-1-BUTENE

(71) **EASTMAN CHEMICAL COMPANY** [US/US]; 100 North Eastman Road, Kingsport, TN 37660 (US).

(72) **MONNIER, John, Robert**; 1012 Sussex Drive, Kingsport, TN 37660 (US).

(74) **BLAKE, Michael, J.**; P.O. Box 511, Kingsport, TN 37662-5075 (US).

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

Published / Publiée : (c)

(51)⁷ **B01J 23/50, 37/06, C07D 301/10**

(11) **WO 00/15333** (13) A1

(21) PCT/EP99/06721

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) en (26) en

(30) 60/100,194 **14 Sep/sep 1998** US
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • PROCESS FOR REMOVING IONIZABLE SPECIES FROM CATALYST SURFACE TO IMPROVE CATALYTIC PROPERTIES

• PROCEDE PERMETTANT D'ELIMINER LES ESPECES IONISABLES DE LA SURFACE D'UN CATALYSEUR AFIN D'AMELIORER SES PROPRIETES CATALYTIQUES

(71) **SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.** [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).

(72) **LOCKEMEYER, John, Robert**; 3403 Stoney Mist Drive, Sugar Land, TX 77479 (US).

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

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(51)⁷ **B01J 23/50, 37/02, 37/06, C07D 301/10**

(11) **WO 00/15334** (13) A1

(21) PCT/EP99/06722

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) en (26) en

(30) 60/100,195 **14 Sep/sep 1998** US
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • PROCESS FOR PREPARING CATALYSTS WITH IMPROVED CATALYTIC PROPERTIES

• PROCEDE DE PREPARATION DE CATALYSEURS POSSEDANT DES PROPRIETES CATALYTIQUES AMELIOREES

(71) **SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.** [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).

(72) **LOCKEMEYER, John, Robert**; 3403 Stoney Mist Drive, Sugar Land, TX 77479 (US).

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

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(51)⁷ **B01J 23/50, 37/06, C07D 301/10**

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(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 60/100,196 **14 Sep/sep 1998** US
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • EPOXIDATION CATALYST CARRIER, PREPARATION AND USE THEREOF

• SUPPORT DE CATALYSEUR D'EPOXYDATION, SA PREPARATION ET SON UTILISATION

(71) **SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.** [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).

(72) **LOCKEMEYER, John, Robert**; 3403 Stoney Mist Drive, Sugar Land, TX 77479 (US).

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

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(51)⁷ **B01J 27/26, 31/06, C08G 65/10**

(11) **WO 00/15336** (13) A1

(21) PCT/EP99/06473

(22) **3 Sep/sep 1999 (03.09.1999)**

(25) de (26) de

(30) 198 42 382.9 **16 Sep/sep 1998** DE
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • BIMETALLIC CYANIDE CATALYSTS FOR PRODUCING POLYETHER POLYOLS

• CATALYSEURS A BASE DE CYANURE BIMETALLIQUE POUR LA PREPARATION DE POLYOLS DE POLYETHER

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

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- (51)⁷ **B01J 27/26, C08G 65/10**
(11) **WO 00/15337** (13) A1
(21) PCT/EP99/06474
(22) **3 Sep/sep 1999 (03.09.1999)**
(25) de (26) de
(30) 198 42 383.7 **16 Sep/sep 1998 DE (16.09.1998)**
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • **BIMETALLIC CYANIDE CATALYSTS FOR PRODUCING POLYETHER POLYOLS**
• **CATALYSEURS A BASE DE CYANURE BIMETALLIQUE POUR LA PREPARATION DE POLYOLS DE POLYETHER**
(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE).
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(72, 75) **OOMS, Pieter** [NL/DE]; Doerperhofstrasse 16, D-47800 Krefeld (DE). **HOFMANN, Jörg** [DE/DE]; Oldenburger Weg 10, D-47829 Krefeld (DE). **GUPTA, Pramod** [DE/DE]; Langemarckstrasse 27, D-50181 Bedburg (DE).
(74) **BAYER AKTIENGESELLSCHAFT**; D-51368 Leverkusen (DE).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **B01J 29/04, 29/06, 21/00, 21/16, 23/00, C07C 2/52, C10G 35/06**
(11) **WO 00/15338** (13) A1
(21) PCT/US99/20536
(22) **8 Sep/sep 1999 (08.09.1999)**
(25) en (26) en
(30) 09/154,301 **16 Sep/sep 1998 US (16.09.1998)**
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • **AN IMPROVED ZEOLITE**
• **ZEOLITE AMELIOREE**
(63) US 09/154,301 (CON)
16 Sep/sep 1998 (16.09.1998)
(71) **PHILLIPS PETROLEUM COMPANY** [US/US]; 4th and Keeler, Bartlesville, OK 74004 (US).
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(72, 75) **DRAKE, Charles, A.** [US/US]; Route 1, Box 206, Nowata, OK 74048 (US). **WU, An-hsiang** [US/US]; 2609 Roanoke Ridge, Bartlesville, OK 74006 (US).
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- (74) **RICHARDS, John**; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (US) et al. / etc.
(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **B01J 31/00, C07F 9/02, 15/00, C07C 13/00**
(11) **WO 00/15339** (13) A1
(21) PCT/US99/20629
(22) **9 Sep/sep 1999 (09.09.1999)**
(25) en (26) en
(30) 60/099,722 **10 Sep/sep 1998 US (10.09.1998)**
(30) 60/115,358 **8 Jan/jan 1999 US (08.01.1999)**
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • **CATALYST COMPLEX WITH CARBENE LIGAND**
• **COMPLEXE CATALYSEUR AVEC LIGAND CARBENE**
(71) **UNIVERSITY OF NEW ORLEANS FOUNDATION** [US/US]; 6601 Franklin Avenue, New Orleans, LA 70122 (US).
(72) **NOLAN, Steven, P.**; Apartment 153, 6196 Chatam Drive, New Orleans, LA 70122 (US). **HUANG, Jinkun**; Apartment D-208, 2000 Lakeshore Drive, New Orleans, LA 70148 (US).
(74) **HEIBEL, George, E.**; Fish & Richardson P.C., Suite 2800, 45 Rockefeller Plaza, New York, NY 10111 (US).
(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **B01J 31/40, C22B 11/00, 3/26, C07C 51/48, 51/10**
(11) **WO 00/15340** (13) A1
(21) PCT/NL99/00566
(22) **10 Sep/sep 1999 (10.09.1999)**
(25) en (26) en
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- (30) 98203053.8 **11 Sep/sep 1998 EP (11.09.1998)**
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • **PROCESS TO SEPARATE RHODIUM FROM AN ORGANIC MIXTURE**
• **PROCEDE DE SEPARATION DE RHODIUM D'UN MELANGE ORGANIQUE**
(71) **DSM N.V.** [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL). **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
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(72, 75) **SIELCKEN, Otto, Erik** [NL/NL]; Vliekstraat 4, NL-6136 BG Sittard (NL). **SMEETS, Theodorus, Maria** [NL/NL]; Burg. Eussenstraat 6, NL-6181 BP Stein (NL).
(74) **KLEIBORN, Paul, Erik**; Octrooibureau DSM, P.O. Box 9, NL-6160 MA Geleen (NL).
(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **B01J 37/00**
(11) **WO 00/15341** (13) A2
(21) PCT/DE99/02956
(22) **10 Sep/sep 1999 (10.09.1999)**
(25) de (26) de
(30) 198 43 242.9 **11 Sep/sep 1998 DE (11.09.1998)**
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • **METHOD FOR PRODUCING ACTIVE AND/OR SELECTIVE SOLID CATALYSTS FROM INORGANIC OR ORGANOMETALLIC MATERIALS**
• **PROCEDE DE PRODUCTION DE CATALYSEURS SOLIDES ACTIFS ET/OU SELECTIFS A PARTIR DE MATIERES INORGANIQUES OU ORGANOMETALLIQUES**
(71) **INSTITUT FÜR ANGEWANDTE CHEMIE BERLIN-ADLERSHOF E.V.** [DE/DE]; Richard-Willstätter-Strasse 12, D-12489 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **WOLF, Dorit** [DE/DE]; Grünaerstrasse 101 A, D-12557 Berlin (DE). **BUYEVSKAYA, Olga** [RU/DE]; Herrenhausstrasse 16, D-12487 Berlin (DE). **BAERNS, Manfred** [DE/DE]; Hüniger Strasse 5, D-14195 Berlin (DE). **RODEMERCCK, Uwe** [DE/DE]; Gubener

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- (74) **WALTER, Wolf-Jürgen**; Felke & Walter, Normannenstrasse 1-2, D-10367 Berlin (DE).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **B02C 4/12, 4/28, 1/00, 4/42**
- (11) **WO 00/15342** (13) A1
- (21) PCT/AT99/00220
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) de (26) de
- (30) A 1538/98 **11 Sep/sep 1998** AT
(11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • DEVICE FOR PROCESSING MATERIALS
• DISPOSITIF POUR LA PREPARATION DE MATERIAUX
- (71, 72) **KEMETTER, Georg, L.** [AT/FI]; Landsbrovågen 18, FIN-10300 Karis (FI).
- (74) **WILDHACK, Helmut** et al. / etc.; Landstrasser Hauptstrasse 50, A-1030 Wien (AT).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **B03D 1/00, 1/14**
- (11) **WO 00/15343** (13) A1
- (21) PCT/AU99/00754
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) PP 5846 **11 Sep/sep 1998** AU
(11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • INTERNAL RECYCLE APPARATUS AND PROCESS FOR FLOTATION COLUMN CELLS
• APPAREIL ET PROCEDE DE RECYCLAGE INTERNE POUR CELLULES DE COLONNES DE FLOTATION
- (71, 72) **JAMESON, Graeme, John** [AU/AU]; 34 Curzon Road, New Lambton, NSW 2305 (AU).
- (74) **BALDWIN SHELSTON WATERS**; 60 Margaret Street, Sydney, NSW 2000 (AU).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **B03D 1/00, 1/14**
- (11) **WO 00/15344** (13) A1
- (21) PCT/FI99/00737
- (22) **13 Sep/sep 1999 (13.09.1999)**
- (25) en (26) en
- (30) 981981 **15 Sep/sep 1998** FI
(15.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD FOR IMPROVING THE OPERATION OF A FLOTATION CELL LINE
• PROCEDE D'AMELIORATION DU FONCTIONNEMENT D'UNE SUITE DE CELLULES DE FLOTTATION
- (71) **OUTOKUMPU OYJ** [FI/FI]; Riihitontuntie 7, FIN-02200 Espoo (FI).
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- (72, 75) **NIITTI, Timo** [FI/FI]; Pitkäjärventie 21 B, FIN-02720 Espoo (FI).
- (74) **OUTOKUMPU OYJ**; Patent Services, FIN-02201 Espoo (FI).
- (81) AU BR CA ES ID MX NZ PL US ZA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **B03D 1/00, 1/14 // B03B 9/00**
- (11) **WO 00/15345** (13) A1
- (21) PCT/FI99/00738
- (22) **13 Sep/sep 1999 (13.09.1999)**
- (25) en (26) en
- (30) 981980 **15 Sep/sep 1998** FI
(15.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • FLOTATION CELL LINE
• SUITE DE CELLULES DE FLOTTATION
- (71) **OUTOKUMPU OYJ** [FI/FI]; Riihitontuntie 7, FIN-02200 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NIITTI, Timo** [FI/FI]; Pitkäjärventie 21 B, FIN-02720 Espoo (FI). **TARVAI-NEN, Matti** [FI/FI]; Westendintie 93 F 37, FIN-02160 Espoo (FI).
- (74) **OUTOKUMPU OYJ**; Patent Services, P.O. Box 27, FIN-02201 Espoo (FI).
- (81) AU BR CA ES ID MX NZ PL US ZA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁶ **B05B**
- (11) **WO 00/15347** (13) A2
- (21) PCT/US99/21562
- (22) **17 Sep/sep 1999 (17.09.1999)**
- (25) en (26) en
- (30) 60/100,764 **17 Sep/sep 1998** US
(17.09.1998)
- (30) 09/337,939 **22 Jun/juin 1999** US
(22.06.1999)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • PURGING ARRANGEMENT FOR A POWDER COATING SYSTEM
• DISPOSITIF DE PURGE DESTINE A UN SYSTEME DE REVETEMENT EN POUDDRE

- (71) **NORDSON CORPORATION** [US/US]; 28601 Clemens Road, Westlake, OH 44145 (US).
- (72) **FULKERSON, Terrence, M.**; 6007 Alber Avenue, Parma, OH 44129 (US). **PED-DIES, Andrew, M.**; 14889 Lancelot Lane West, North Royalton, OH 44133 (US). **SCHROEDER, Joseph, G.**; 11988 Firefly Drive, North Royalton, OH 44133 (US).
- (74) **RICKEY, June, E.**; Calfee, Halter & Griswold LLP, Suite 1400, 800 Superior Avenue, Cleveland, OH 44114 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **B05B 1/20**
- (11) **WO 00/15348** (13) A1
- (21) PCT/US99/21085
- (22) **15 Sep/sep 1999 (15.09.1999)**
- (25) en (26) en
- (30) 60/100,328 **15 Sep/sep 1998 (15.09.1998)** US
- (30) 09/176,589 **21 Oct/oct 1998 (21.10.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **BOOM SPRAYER AND METHOD OF SPRAYING**
- **PULVERISATEUR A RAMPE ET PROCEDE DE PULVERISATION ASSOCIE**
- (71, 72) **BEGGS, Robert, D.** [US/US]; N6875 5th Avenue, Plainfield, WI 54966 (US).
- (74) **FRONEK, David, N.** et al. / etc.; Dorsey & Whitney LLP, Pillsbury Center South, 220 South Sixth Street, Minneapolis, MN 55402-1498 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **B05B 11/00, B65D 47/34, 83/00**
- (11) **WO 00/15349** (13) A1
- (21) PCT/JP99/04930
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 60/100,870 **17 Sep/sep 1998 (17.09.1998)** US
- (30) 09/395,398 **14 Sep/sep 1999 (14.09.1999)** US
- (25) en (26) en
- (30) 09/151,896 **11 Sep/sep 1998 (11.09.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **LIGHT-EMISSION-ENHANCEMENT MICROBEAD PAINT COMPOSITIONS AND THEIR PREPARATION**
- **COMPOSITIONS DE PEINTURE A BASE DE MICROBILLES AMELIORANT L'EMISSION DE LUMIERE**
- (71) **INNOVATIVE CONCEPTS UNLIMITED, LLC** [US/US]; 402 Broadway, Coventry, CT 06238 (US).
- (72) **SPENCER, Andrew**; 402 Broadway, Coventry, CT 06238 (US). **ANDREWS, John**; 165 Bradley Corners Road, Madison, CT 06443 (US). **TUCKER, Gary, II**; 58 Cooper Hill, Manchester, CT 06040 (US).
- (74) **GREEN, Clarence, A.**; Perman & Green, LLP, 425 Post Road, Fairfield, CT 06430 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **B05D 1/18, 1/38, 3/04, 3/10**
- (11) **WO 00/15352** (13) A1
- (21) PCT/US99/21339
- (22) **16 Sep/sep 1999 (16.09.1999)**
- (25) en (26) en
- (30) 60/100,870 **17 Sep/sep 1998 (17.09.1998)** US
- (30) 09/395,398 **14 Sep/sep 1999 (14.09.1999)** US
- (25) en (26) en
- (30) 09/151,896 **11 Sep/sep 1998 (11.09.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **TRIGGER TYPE LIQUID SPRAY CONTAINER FOR OPERATION IN BOTH UPRIGHT AND INVERTED POSITIONS**
- **RECEPTACLE DE PULVERISATION DE LIQUIDE DE TYPE GACHETTE FONCTIONNANT A LA FOIS EN POSITION VERTICALE ET EN POSITION INVERSEE**
- (71) **YOSHINO KOGYOSHO CO., LTD.** [JP/JP]; 2-6, Ojima 3-chome, Koto-ku, Tokyo 136-8531 (JP).
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- (72, 75) **TASAKI, Takaharu** [JP/JP]; Yoshino Kogyosho Co., Ltd., 2-6, Ojima 3-chome, Koto-ku, Tokyo 136-8531 (JP). **TSUCHIDA, Haruo** [JP/JP]; Yoshino Kogyosho Co., Ltd., 2-6, Ojima 3-chome, Koto-ku, Tokyo 136-8531 (JP). **NAKAMURA, Hiroyuki** [JP/JP]; Yoshino Kogyosho Co., Ltd., 2-6, Ojima 3-chome, Koto-ku, Tokyo 136-8531 (JP).
- (74) **IMAOKA, Yoshio** et al. / etc.; Shanze Iwakura 4F, 14-19, Mejiro 3-chome, Toshima-ku, Tokyo 171-0031 (JP).
- (81) AE AL AU BA BB BG BR CA CN CU CZ EE GD GE HR HU ID IL IN IS KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK TR TT UA US UZ VN YU ZA; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **B05B 15/04, C03C 17/00, C23C 16/04**
- (11) **WO 00/15350** (13) A1
- (21) PCT/US99/20666
- (22) **9 Sep/sep 1999 (09.09.1999)**
- (25) en (26) en
- (30) 60/099,731 **10 Sep/sep 1998 (10.09.1998)** US
- (30) 09/391,953 **8 Sep/sep 1999 (08.09.1999)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **REUSABLE MASK AND METHOD FOR COATING SUBSTRATE**
- **MASQUE REUTILISABLE ET PROCEDE DE REVETEMENT DE SUBSTRAT**
- (71) **PPG INDUSTRIES OHIO, INC.** [US/US]; 3800 West 143rd Street, Cleveland, OH 44111 (US).
- (72) **KADUNCE, Randy, R.**; 2295 Turkey Ridge Road, New Kensington, PA 15068 (US). **DISHART, Peter, T.**; 416 Chandler Place, Pittsburgh, PA 15212 (US). **SHUMAKER, Robert, T., Jr.**; 1010 Railroad Street, Manorville, PA 16238 (US).

- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • ELECTROLESS METAL DEPOSITION OF ELECTRONIC COMPONENTS IN AN ENCLOSABLE VESSEL
• DEPOT AUTOCATALYTIQUE DE METAUX SUR DES COMPOSANTS ELECTRONIQUES DANS UN RECIPIENT POUVANT ETRE FERME
- (71) CFMT, INC. [US/US]; Suite 106-F, 1403 Foulk Road, Wilmington, DE 19803 (US).
- (72) VERHAVERBEKE, Steven; 203 Valley Forge Lookout Place, Radnor, PA 19087 (US). McCONNELL, Christopher, F.; 1262 Farm Road, Berwyn, PA 19312 (US).
- (74) PARKER, Henrik, D. et al. / etc.; Woodcock Washburn Kurtz Mackiewicz & Norris, 46th floor, One Liberty Place, Philadelphia, PA 19103 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (30) 09/165,702 **2 Oct/oct 1998** US (02.10.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD OF TREATING CERAMICS FOR USE AS TIPS IN SAWS AND OTHER TOOLS OR OTHER STRUCTURES
• PROCEDE RELATIF AU TRAITEMENT DE CERAMIQUES DESTINEES A ETRE UTILISEES COMME POINTES POUR SCIES ET AUTRES OUTILS OU STRUCTURES
- (71) NORTHWEST RESEARCH INSTITUTE, INC. [US/US]; 3847 South Union Avenue, Tacoma, WA 98409-4621 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WALZ, Thomas, J. [US/US]; 416 Columbia Avenue, Tacoma, WA 98466 (US). ROSSOVSKY, Issak, S. [US/US]; 8229 - 212th Street S.W. #103, Edmonds, WA 98026 (US).
- (74) HUGHES, Michael, F.; Hughes & Schacht, P.S., Suite 1, 2801 Meridian Street, Bellingham, WA 98225 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
- (51)⁶ B05D 1/18, 3/02, B32B 25/08, 27/08
- (11) WO 00/15353 (13) A1
- (21) PCT/US99/21353
- (22) 14 Sep/sep 1999 (14.09.1999)
- (25) en (26) en
- (30) 09/152,863 **14 Sep/sep 1998** US (14.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • AQUEOUS COATING COMPOSITION AND METHOD
• PROCEDE ET COMPOSITION DE REVETEMENT AQUEUX
- (63) US 09/152,863 (CIP)
14 Sep/sep 1998 (14.09.1998)
- (71) LRC PRODUCTS LTD. [GB/GB]; London International House, Turnford Place, Broxbourne, Hertfordshire EN10 6LN (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GOLDSTEIN, Albert [US/US]; 87 Glenwood Drive, Tinton Falls, NJ 07724 (US). GOMES, Godfrey [US/US]; 215 Colby Place, Morganville, NJ 07751 (US).
- (74) LUDWIG, S., Peter et al. / etc.; Darby & Darby P.C., 805 Third Avenue, New York, NY 10022-7513 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (30) 09/165,702 **2 Oct/oct 1998** US (02.10.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD OF TREATING CERAMICS FOR USE AS TIPS IN SAWS AND OTHER TOOLS OR OTHER STRUCTURES
• PROCEDE RELATIF AU TRAITEMENT DE CERAMIQUES DESTINEES A ETRE UTILISEES COMME POINTES POUR SCIES ET AUTRES OUTILS OU STRUCTURES
- (71) NORTHWEST RESEARCH INSTITUTE, INC. [US/US]; 3847 South Union Avenue, Tacoma, WA 98409-4621 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WALZ, Thomas, J. [US/US]; 416 Columbia Avenue, Tacoma, WA 98466 (US). ROSSOVSKY, Issak, S. [US/US]; 8229 - 212th Street S.W. #103, Edmonds, WA 98026 (US).
- (74) HUGHES, Michael, F.; Hughes & Schacht, P.S., Suite 1, 2801 Meridian Street, Bellingham, WA 98225 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
- (51)⁷ B05D 7/00, C08L 101/00, C08J 3/00 // A61K 7/00
- (11) WO 00/15356 (13) A1
- (21) PCT/US99/20005
- (22) 1 Sep/sep 1999 (01.09.1999)
- (25) en (26) en
- (30) 09/151,933 **11 Sep/sep 1998** US (11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • A FILM-FORMING POLYMERIC SOL COMPOSITION
• COMPOSITION D'UN SOL POLYMERE FILMOGENE
- (71) THE DOW CHEMICAL COMPANY [US/US]; 2030 Dow Center, Midland, MI 48674 (US).
- (72) MUSSELL, Robert, D.; 3800 Has- kin Drive, Midland, MI 48640 (US). SCHMIDT, Donald, L.; 2412 St. Marys, Midland, MI 48640 (US). ROSE, Gene, D.; 216 E. St. Andrews Road, Midland, MI 48642 (US).
- (74) WILLIS, Reid, S.; The Dow Chemical Company, Patent Department, P.O. Box 1967, Midland, MI 48641-1967 (US).
- (81) CA JP KR MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
- (51)⁶ B05D 1/28, G03F 7/34, B29C 65/48
- (11) WO 00/15354 (13) A1
- (21) PCT/JP99/04939
- (22) 10 Sep/sep 1999 (10.09.1999)
- (25) ja (26) ja
- (30) 10/257680 **11 Sep/sep 1998** JP (11.09.1998)
- (30) 10/278203 **30 Sep/sep 1998** JP (30.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • DEVICE AND METHOD FOR LAMINATION
• MACHINE A LAMINER ET PROCEDE AFFERENT
- (71) HITACHI CHEMICAL COMPANY, LTD. [JP/JP]; 1-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo 163-0449 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OKADA, Naoto [JP/JP]; Hitachi Chemical Company, Ltd., Research Development Center, 48, Wadai, Tsukuba-shi, Ibaraki 300-4247 (JP). SHIMAZAKI, Toshikatu [JP/JP]; Hitachi Chemical Company, Ltd., Research Development Center, 48, Wadai, Tsukuba-shi, Ibaraki 300-4247 (JP). YOSHIDA, Takeshi [JP/JP]; Hitachi Chemical Company, Ltd., Research Development Center, 48, Wadai, Tsukuba-shi, Ibaraki 300-4247 (JP). MINAMI, Yoshitaka [JP/JP]; Hitachi Chemical Company, Ltd., Yamazaki Works, 13-1, Higashicho 4-chome, Hitachi-shi, Ibaraki 317-8555 (JP). YAMAZAKI, Hiroshi [JP/JP]; Hitachi Chemical Company, Ltd., Yamazaki Works, 13-1, Higashicho 4-chome, Hitachi-shi, Ibaraki 317-8555 (JP).
- (74) HOTAKA, Tetsuo; 6-3-402, Tsukiji 4-chome, Chuo-ku, Tokyo 104-0045 (JP).
- (81) JP KR SG US.
- (51)⁶ B05D 3/02, 3/04, 3/10, 1/18, 1/36, 7/00, B21D 39/00, B23K 31/02, B32B 9/00, 15/04
- (11) WO 00/15355 (13) A1
- (21) PCT/US99/21218
- (22) 13 Sep/sep 1999 (13.09.1999)
- (25) en (26) en
- (30) 60/100,278 **14 Sep/sep 1998** US (14.09.1998)

- (51)⁷ **B05D 7/00**
- (11) **WO 00/15357** (13) A2
- (21) PCT/US99/21145
- (22) **15 Sep/sep 1999 (15.09.1999)**
- (25) en (26) en
- (30) 09/154,615 **16 Sep/sep 1998** US
(16.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • POLYMER FILL COATING FOR LAMINATE OR COMPOSITE WOOD PRODUCTS AND METHOD OF MAKING SAME
- REVETEMENT DE REMPLISSAGE POLYMERE POUR ARTICLES EN BOIS LAMINES OU COMPOSITES ET PROCEDE DE FABRICATION DES-DITS ARTICLES
- (71, 72) **SEIDNER, Marc, A.** [US/US]; Fibreform LLC, Suite 250, 1999 Avenue of the Stars, Los Angeles, CA 90067 (US).
- (74) **SCHROEDER, Robert, A.** et al. / etc.; Pretty, Schroeder & Poplawski, 19th floor, 444 South Flower Street, Los Angeles, CA 90071 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **B07C 5/00, A24C 1/14**
- (11) **WO 00/15358** (13) A1
- (21) PCT/US99/21501
- (22) **17 Sep/sep 1999 (17.09.1999)**
- (25) en (26) en
- (30) 09/154,775 **17 Sep/sep 1998** US
(17.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • DRUM ELEVATOR SYSTEM
- SYSTEME D'ELEVATEUR A TAMBOURS
- (71) **PHILIP MORRIS PRODUCTS INC.** [US/US]; 3601 Commerce Road, Richmond, VA 23234 (US).
- (72) **ATWELL, Charles, Gary**; Route 9, Box 18, Mechanicsville, VA 23111 (US). **COOPER, Ricky, N.**; 3414 Caralea Valley Drive, Concord, NC 28027 (US). **GARTHAFFNER, Martin, T.**; 5200 Newbywood Trail, Chesterfield, VA 23832 (US). **GILLESPIE, Andrew, J.**; 5501 Riverside Drive, Richmond, VA 23225 (US). **HONAKER, Ronald, D.**; 2401 Huguenot Trail, Powhatan, VA 23139 (US). **SMICK, William, H., III**; 8111 Inca Court, Richmond, VA 23237 (US).
- (74) **BECK, Richard, M.**; Connolly Bove Lodge & Hutz LLP, 1220 Market Street, Wilmington, DE 19801 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁶ **B08B 3/04, 15/00**
- (11) **WO 00/15359** (13) A1
- (21) PCT/US99/20844
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 60/099,953 **11 Sep/sep 1998** US
(11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • APPARATUS AND METHOD FOR PRECISION CLEANING AND DRYING SYSTEMS
- APPAREIL ET PROCEDE POUR SYSTEMES DE NETTOYAGE ET DE SECHAGE DE PRECISION
- (71) **FORWARD TECHNOLOGY INDUSTRIES, INC.** [US/US]; 13500 County Road 6, Minneapolis, MN 55441 (US).
- (72) **MOUSER, Wayne**; Forward Technology Industries, Inc., 13500 County Road 6, Minneapolis, MN 55441 (US). **HONECK, Randy**; Forward Technology Industries, Inc., 13500 County Road 6, Minneapolis, MN 55441 (US). **BARTELL, Matthew**; Forward Technology Industries, Inc., 13500 County Road 6, Minneapolis, MN 55441 (US).
- (74) **KEOUGH, Steven, J.** et al. / etc.; Patterson & Keough, P.A., 4800 IDS Center, 80 South 8th Street, Minneapolis, MN 55402-2100 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁶ **B08B 7/00, B23K 26/00**
- (11) **WO 00/15360** (13) A1
- (21) PCT/US99/16861
- (22) **26 Jul/juil 1999 (26.07.1999)**
- (25) en (26) en
- (30) 09/151,161 **10 Sep/sep 1998** US
(10.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD FOR CLEANING ART-WORK
- PROCEDE DE NETTOYAGE D'OBJETS D'ART
- (71, 72) **DECRUZ, Adele** [US/US]; 124 E. 72nd Street, New York, NY 10021 (US).
- (72) **WOLBARSH, Myron, L.**; 1435 Acadia Street, Durham, NC 27701 (US).
- (74) **HOBBY, William, M., III**; Suite 375, 157 E. New England Avenue, Winter Park, FL 32789 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **B09B 3/00, C12N 1/14**
- (11) **WO 00/15361** (13) A1
- (21) PCT/JP99/04744
- (22) **1 Sep/sep 1999 (01.09.1999)**
- (25) ja (26) ja
- (30) 10/260707 **14 Sep/sep 1998** JP
(14.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • WHITE ROT FUNGUS AND METHOD FOR DEGRADING DIOXINS BY USING THE SAME
- CHAMPIGNON DES CHARPENTES BLANC ET PROCEDE DE DEGRADATION DE DIOXINES AU MOYEN DE CE CHAMPIGNON
- (71) **WAKAO CONSTRUCTION CO., LTD.** [JP/JP]; Akasakayuraku Building 8F, 13-10, Akasaka 1-chome, Chuo-ku, Fukuoka-shi, Fukuoka 810-0042 (JP).
(only for / seulement pour JP)
- (71) **BIO REMEDIATION TECHNOLOGIE, INC.** [JP/JP]; 1-20, Ohori 2-chome, Chuo-ku, Fukuoka-shi, Fukuoka 810-0052 (JP).
(for all designated States except / pour tous les États désignés sauf JP US)
- (71, 72) **KONDO, Ryuichiro** [JP/JP]; 1-23-8-408, Kashii, Higashi-ku, Fukuoka-shi, Fukuoka-ken 813-0011 (JP).
- (72, 75) **SAKAI, Kokki** [JP/JP]; Kyushu University, 6-10-1, Hakozaki, Higashi-ku, Fukuoka-shi, Fukuoka 812-8581 (JP). **WAKAO, Koichi** [JP/JP]; 5-14-40, Hirao, Chuo-ku, Fukuoka-shi, Fukuoka 810-0014 (JP).

(74) **SHIMIZU, Hatsushi** et al. / etc.; Kantetsu Tsukuba Bldg. 6F, 1-1-1, Oroshi-machi, Tsuchiura-shi, Ibaraki 300-0847 (JP).

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

(51)⁷ **B21B 1/02, C21D 9/00, 8/02, 8/04**

(11) **WO 00/15362** (13) A1

(21) PCT/DE99/02866

(22) **8 Sep/sep 1999 (08.09.1999)**

(25) de (26) de

(30) 198 43 200.3 **14 Sep/sep 1998 DE (14.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD AND DEVICE FOR PRODUCING HOT-ROLLED STRIPS AND PLATES

• PROCEDE DE PRODUCTION DE FEUILLARD A CHAUD ET DE TOLES

(71) **SMS DEMAG AG** [DE/DE]; Eduard-Schloemann-Strasse 4, D-40237 Düsseldorf (DE).

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

(72, 75) **FALKENRECK, Udo** [DE/DE]; Rotte-land 23a, D-44797 Bochum (DE). **QUITMANN, Uwe** [DE/DE]; Alperheide 35, D-47877 Willich (DE). **WEHAGE, Harald** [DE/DE]; Harzburger Strasse 31, D-38871 Ilsenburg (DE).

(74) **MEISSNER, Peter, E.**; Patentanwaltsbüro, Meissner & Meissner, Hohenzollerndamm 89, D-14199 Berlin (DE).

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

Published / Publiée : (c)

(51)⁷ **B21B 37/00**

(11) **WO 00/15363** (13) A1

(21) PCT/IB99/01535

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) UD98A000157 **14 Sep/sep 1998 IT (14.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD TO REDUCE AND ELIMINATE VIBRATIONS IN A ROLLING STAND AND RELATIVE DEVICE

• PROCEDE DE REDUCTION ET DE SUPPRESSION DES VIBRATIONS DANS UNE CAGE DE LAMINOIR ET DISPOSITIF APPARENTE

(71) **DANIELI & C. OFFICINE MECCANICHE SpA** [IT/IT]; Via Nazionale, I-33042 Buttrio (IT).

(72) **BENEDETTI, Gianpietro**; Strada degli Aceri, 32, I-33030 Campofornido (IT). **DI PAOLO, Carlo**; Strada dei Lecci, 24, I-33030 Campofornido (IT). **DONINI, Estore**; Via Donizetti, 17, I-20059 Vimercate (IT).

(74) **PETRAZ, Gilberto**; GLP Srl, Piazzale Cav-vedalis, 6/2, I-33100 Udine (IT).

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

(51)⁶ **B21B 45/02, 45/04**

(11) **WO 00/15364** (13) A1

(21) PCT/US99/20864

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) en (26) en

(30) 09/156,305 **17 Sep/sep 1998 US (17.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • LUBRICANT METERING SYSTEM

• SYSTEME DE DOSAGE DE LUBRI-FIANT

(71) **HENKEL CORPORATION** [US/US]; Suite 200, 2500 Renaissance Boulevard, Gulph Mills, PA 19406 (US).

(72) **SIMPSON, Jeffrey, T.**; 725 Denham Lane, Rochester Hills, MI 48307 (US).

(74) **HARPER, Stephen, D.**; Henkel Corpora-tion, Suite 200, 2500 Renaissance Boulevard, Gulph Mills, PA 19406 (US).

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

(51)⁷ **B21D 1/06**

(11) **WO 00/15365** (13) A1

(21) PCT/DE99/02908

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) de (26) de

(30) 298 16 528.7 **15 Sep/sep 1998 DE (15.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • DEVICE FOR STRAIGHTENING CAR BODY COMPONENTS

• DISPOSITIF DE REDRESSAGE D'ELEMENTS DE CARROSSERIE

(71) **MV MARKETING UND VERTRIEBS-GMBH & CO. KG WIELÄNDER + SCHILL** [DE/DE]; Siedstrasse 50, D-78054 Villingen-Schwenningen (DE).

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

(72, 75) **STRASSER, Martin** [DE/DE]; Kirchensteigstrasse 10, D-78166 Do-nau-Eschingen (DE).

(74) **HERDEN, Andreas**; Blumbach, Kramer & Partner GbR, Alexandrastrasse 5, D-65187 Wiesbaden (DE).

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

Published / Publiée : (c)

(51)⁶ **B21D 24/08**

(11) **WO 00/15366** (13) A1

(21) PCT/US99/21331

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) en (26) en

(30) 09/154,132 **16 Sep/sep 1998 US (16.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • DRAW DIE CUSHIONING MEANS

• MOYENS AMORTISSEURS POUR OU-TIL D'EMBOUTISSAGE

(71, 72) **ROPER, Ralph** [US/US]; 2930 Som-erset Bay, Indianapolis, IN 46240 (US).

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

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

(51)⁷ **B21D 28/10, H02K 15/02, H01F 3/02, 27/245**

(11) **WO 00/15367** (13) A1

(21) PCT/US99/12492

(22) **3 Jun/juin 1999 (03.06.1999)**

(25) en (26) en

(30) 09/152,979 **14 Sep/sep 1998 US (14.09.1998)**

- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • LONG, SLENDER LAMINA STACKS OF NON-UNIFORM LAMINAE AND METHOD AND APPARATUS FOR THE MANUFACTURE THEREOF
• PILES LONGUES ET MINCES DE FEUILLES NON UNIFORMES ET PROCEDE ET APPAREIL DE FABRICATION DESDITES PILES
- (71) **L.H. CARBIDE CORPORATION** [US/US]; 4420 Clubview Drive, Fort Wayne, IN 46804 (US).
- (72) **NEUENSCHWANDER, Thomas, R.**; 3415 St. Alban Court, Fort Wayne, IN 46804 (US).
- (74) **NIEWYK, Anthony** et al. / etc.; Baker & Daniels, Suite 800, 111 East Wayne Street, Fort Wayne, IN 46802 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁶ **B21F 27/16**
- (11) **WO 00/15369** (13) A1
- (21) PCT/US99/19746
- (22) **31 Aug/août 1999 (31.08.1999)**
- (25) en (26) en
- (30) 09/151,872 **11 Sep/sep 1998 US (11.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • MACHINERY FOR AUTOMATED MANUFACTURE OF INNERSPRING ASSEMBLIES
• EQUIPEMENT DE FABRICATION AUTOMATISEE D'ENSEMBLES A RESSORTS
- (71) **THE OHIO MATTRESS COMPANY LICENSING AND COMPONENTS GROUP** [US/US]; One Office Parkway, Trinity, NC 27370 (US).
- (72) **HAUBERT, Thomas, D.**; 274 Winthrop Road, Columbus, OH 43214 (US). **SCHULER, Larry**; 22768 Cemetery Road, Sugar Grove, OH 43155 (US). **BULLEN, Lawrence, C.**; 5711 County Road 13, Centerville, OH 43011 (US). **SCOTT, K., Bryan**; 541 Hackberry Drive, Westerville, OH 43081 (US). **YATES, Jan, B.**; 1081 Matterhorn Drive, Reynoldsburg, OH 43068 (US). **HACKMAN, Donald, J.**; 3499 Kirkham Road, Upper Arlington, OH 43221 (US). **EAS-TER, David, A.**; 254 E. College Avenue, Westerville, OH 43081 (US). **HETTEBERG, John, R.**; 4169 Rowanne Road, Columbus, OH 43214 (US). **FINGERHUTH, David**; 3750 Burnt Pond Road, Ostrander, OH 43061 (US). **ALTEN, Alan, A.**; 2491 Musser Road, Baltimore, OH 43105 (US).
- (74) **CIPOLLA, John, S.**; Calfee, Halter & Griswold LLP, Suite 1400, 800 Superior Avenue, Cleveland, OH 44114 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)⁷ **B22C 7/02, 9/04**
- (11) **WO 00/15370** (13) A1
- (21) PCT/GB99/02869
- (22) **15 Sep/sep 1999 (15.09.1999)**
- (25) en (26) en
- (30) 9820073.6 **16 Sep/sep 1998 GB (16.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • DISPOSABLE CASTING PATTERN MANUFACTURE
• FABRICATION D'UN MODELE DE COULEE JETABLE
- (71) **ROVER GROUP LIMITED** [GB/GB]; International Headquarters, Warwick Technology Park, Warwick CV34 6RG (GB).
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- (72, 75) **BROAD, John, Leslie** [GB/GB]; Mill End, Ward's Lane, Finstock, Chipping Norton, Oxfordshire OX7 3BP (GB).
- (74) **BURRAGE, David, John** et al. / etc.; Rover Group Limited, Patent Dept., Gaydon Test Centre, Banbury Road, Lighthorne, Warwick CV35 0RG (GB).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ **B22F 3/15**
- (11) **WO 00/15371** (13) A1
- (21) PCT/SE99/01615
- (22) **16 Sep/sep 1999 (16.09.1999)**
- (25) en (26) en
- (30) 9803191-7 **17 Sep/sep 1998 SE (17.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD AND DEVICE FOR HOT ISOSTATIC PRESSING
• PROCEDE ET DISPOSITIF DE COMPRESSION ISOSTATIQUE A CHAUD
- (71) **FLOW HOLDINGS GMBH (SAGL) LIMITED LIABILITY COMPANY** [CH/CH]; Casella Postale 125, CH-6919 Carabiotta (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BERGMAN, Carl** [SE/SE]; Högby Skogsväg 8, S-723 41 Västerås (SE).
- (74) **AWAPATENT AB**; Box 45086, S-104 30 Stockholm (SE).
- (51)⁶ **B21D 39/00, F16D 3/12, 33/00**
- (11) **WO 00/15368** (13) A1
- (21) PCT/US99/21035
- (22) **15 Sep/sep 1999 (15.09.1999)**
- (25) en (26) en
- (30) 60/100,607 **16 Sep/sep 1998 US (16.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD FOR MANUFACTURING A ONE-PIECE TORSIONAL VIBRATION DAMPER RETAINER PLATE
• PROCEDE POUR FABRIQUER UNE PLAQUE DE RETENUE POUR AMORTISSEUR MONOBLOC DE VIBRATIONS DE TORSION
- (71) **TESMA INTERNATIONAL OF AMERICA, INC.** [US/US]; 26400 Lahser Road, Suite 225, Southfield, MI 48304 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **REDMOND, Daniel, W.** [US/US]; 28511 Lathrup Boulevard, Lathrup Village, MI 48076 (US). **ROSS, William** [US/US]; 8677 Crabapple, Warren, MI 48093 (US).
- (74) **HAIDLE, Samuel, J.** et al. / etc.; Howard & Howard Attorneys, P.C., Suite 101, 1400 North Woodward Avenue, Bloomfield Hills, MI 48304 (US).

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

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(51)⁷ **B23B 1/00, 27/16**

(11) **WO 00/15372** (13) A1

(21) PCT/SE99/01592

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) 9803111-5 **15 Sep/sep 1998 (15.09.1998)** SE

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● A METHOD OF TURNING A ROTATING METALLIC WORK PIECE
● PROCEDE DE TOURNAGE D'UNE PIECE A USINER METALLIQUE ROTATIVE

(71) **SECO TOOLS AB; (publ)** [SE/SE]; S-737 82 Fagersta (SE).

(72) **KAUTTO, Eilert**; Ängsvägen 11, S-777 94 Söderbärke (SE). **KÖNIG, Norbert**; Am Borsberg 42, D-51375 Leverkusen (DE).

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

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

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(51)⁶ **B23B 11/00**

(11) **WO 00/15373** (13) A1

(21) PCT/US99/20842

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 60/100,028 **11 Sep/sep 1998 (11.09.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● ROTARY TURRET HEAD APPARATUS
● APPAREIL ROTATIF A TETE TOURELLE

(71) **GENERAL ELECTRO MECHANICAL CORPORATION** [US/US]; 100 Gemcor Drive, West Seneca, NY 14224 (US).

(72) **SPELLER, Thomas, H., Jr.**; 1005 East Main Street, East Aurora, NY 14052 (US). **PERRELLI, John, M.**; 173 Orchard Park Road, West Seneca, NY 14224 (US). **SAUNDERS, Cheyenne**; 2138 Indian Falls Road, Corfu, NY 14036 (US).

(74) **PRINCIPE, David, L.** et al. / etc.; Hodgson, Russ, Andrews, Woods & Goodyear, LLP, Suite 2000, One M & T Plaza, Buffalo, NY 14203-2391 (US).

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

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(51)⁶ **B23C 3/35, E05B 29/06, 29/08, 29/14**

(11) **WO 00/15374** (13) A1

(21) PCT/AU99/00716

(22) **1 Sep/sep 1999 (01.09.1999)**

(25) en (26) en

(30) PP 5835 **11 Sep/sep 1998 (11.09.1998)** AU

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● KEY DUPLICATING METHOD AND APPARATUS
● PROCEDE ET APPAREIL DE DUPLICATION DE CLES

(71) **LOCKWOOD AUSTRALIA PTY. LTD.** [AU/AU]; Edward Street, Huntingdale, VIC 3166 (AU).
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(72, 75) **ESSER, Hans, Juergen** [AU/AU]; 1 Caledonian Court, Keysborough, VIC 3173 (AU).

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

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

(51)⁷ **B23D 35/00, G06F 17/50**

(11) **WO 00/15375** (13) A1

(21) PCT/US99/20763

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 09/150,523 **10 Sep/sep 1998 (10.09.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● DESIGN TOOL

● OUTIL DE CONCEPTION

(71) **ASKO, INC.** [US/US]; P.O. Box 355, Homestead, PA 15120 (US).

(72) **ZELT, Albert, R., III**; 133 Copperwood Drive, Bethel Park, PA 15102 (US).

(74) **SAMWAYS, Ian, K.**; Reed Smith Shaw & McClay LLP, P.O. Box 488, Pittsburgh, PA 15230-0488 (US).

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

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(51)⁶ **B23H 7/02, 7/10**

(11) **WO 00/15376** (13) A1

(21) PCT/JP98/04056

(22) **10 Sep/sep 1998 (10.09.1998)**

(25) ja (26) ja

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● WIRE ELECTRIC SPARK MACHINE
● ETINCELLEUSE A FIL

(71) **MITSUBISHI DENKI KABUSHIKI KAISHA** [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
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(72, 75) **MORO, Toshio** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **SATOU, Seiji** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) **MIYATA, Kaneo** et al. / etc.; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(81) CH DE JP US.

(51)⁷ **B23K 9/00**

(11) **WO 00/15377** (13) A2

(21) PCT/US99/21058

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 09/153,641 **15 Sep/sep 1998 (15.09.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● TUBE CLAMPING ASSEMBLY
● ENSEMBLE DE SERRAGE DE TUBES

(71) **SWAGELOK COMPANY** [US/US]; 29500 Solon Road, Solon, OH 44139-3492 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KANE, James, M.** [US/US]; 9816 Ridgewood Drive, Twinsburg, OH 44056 (US).
FISHER, Ronald, K. [US/US]; 3537 Work Road, Ravenna, OH 44266 (US).

(74) **GUTT, Ronald, D.**; Calfee, Halter & Griswold LLP, Suite 1400, 800 Superior Avenue, Cleveland, OH 44114 (US).

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

(51)⁷ **B23K 9/12**

(11) **WO 00/15378** (13) A1

(21) PCT/IB99/01536

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) 09/153,755 **15 Sep/sep 1998** US
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **TAPER LOCK CONTACT TIP AND HEAD ASSEMBLY FOR WELDING DEVICE**

• **ENSEMBLE DE TUBE-CONTACT CONIQUE A VERROUILLAGE ET DE TETE DE SOUDAGE POUR UN APPAREIL DE SOUDAGE**

(71) **TREGASKISS LTD.** [CA/CA]; 2570 North Talbot Road, Oldcastle, Ontario N0R 1L0 (CA).

(72) **LAJOIE, Robert, M.**; 2715 Randolph, Windsor, Ontario N9E 3E1 (CA).

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

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(51)⁷ **B23K 11/31**

(11) **WO 00/15379** (13) A1

(21) PCT/SE99/01438

(22) **24 Aug/août 1999 (24.08.1999)**

(25) sv (26) en

(30) 9803095-0 **11 Sep/sep 1998** SE
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **RESISTANCE WELDING**

• **SOUDAGE PAR RESISTANCE**

(71) **CAR-O-LINER AB** [SE/SE]; P.O. Box 7, S-736 21 Kungsör (SE).

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

(72, 75) **STENKVIST, Sivert** [SE/SE]; Mårdvägen 16, S-644 36 Torshälla (SE).

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

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

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(51)⁶ **B23K 19/04, B32B 31/00**

(11) **WO 00/15380** (13) A1

(21) PCT/US99/20920

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) 09/153,445 **15 Sep/sep 1998** US
(15.09.1998)

(30) 09/287,459 **7 Apr/avr 1999** US
(07.04.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **IMPROVED ADHESIVE BONDING OF STRINGS OF POCKETED COIL SPRINGS**

• **PROCEDE ET SYSTEME AMELIORES SERVANT A COLLER DES SERIES DE RESSORTS A BOUDIN ENCAPSULES**

(71) **L & P PROPERTY MANAGEMENT COMPANY** [US/US]; 4095 Firestone Boulevard, South Gate, CA 90280 (US).

(72) **MOSSBECK, Niels, S.**; 137 Gholdston Lane, Dayton, TN 37321 (US). **WELLS, Thomas, J.**; 801 Country Club Road, Carthage, MO 64836 (US).

(74) **HAUPT, Keith, R.** et al. / etc.; Wood, Herron & Evans, L.L.P., 2700 Carew Tower, Cincinnati, OH 45202 (US).

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

(51)⁶ **B23K 20/10, B29C 65/08**

(11) **WO 00/15381** (13) A1

(21) PCT/US99/00990

(22) **18 Jan/jan 1999 (18.01.1999)**

(25) en (26) en

(30) 09/151,619 **11 Sep/sep 1998** US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **ULTRASONIC BONDING METHOD**

• **PROCEDE D'ASSEMBLAGE PAR ULTRASON**

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

(72) **LOUKS, John, W.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **PO-CHARDT, Donald, P.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **CUR-RAN, Desmond, T.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **HENDERSON, Christopher, P.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

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

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

(51)⁶ **B23K 26/00**

(11) **WO 00/15382** (13) A1

(21) PCT/US99/16271

(22) **26 Jul/juil 1999 (26.07.1999)**

(25) en (26) en

(30) 09/153,477 **15 Sep/sep 1998** US
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **LASER WELDING SUPERALLOY ARTICLES**

• **SOUDAGE AU LASER D'ARTICLES EN SUPERALLIAGE**

(71) **CHROMALLOY GAS TURBINE CORPORATION** [US/US]; 4430 Director Drive, San Antonio, TX 78219 (US).

(72) **FOSTER, M.**; 915 Crain Street, Carson City, NV 89703 (US). **UPDEGROVE, K.**; 2555 Fermi Road, Carson City, NV 89706 (US). **THURSTON, C.**; 939 Ranchview Circle, Carson City, NV 89705 (US). **LOVELACE, D.**; 7075 Shulz Way, Carson City, NV 89701 (US).

(74) **BITTMAN, M.**; Sequa Corporation, 3 University Plaza, Hackensack, NJ 07601 (US).

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

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(51)⁶ **B23K 26/04, 26/08**(11) **WO 00/15383** (13) A1

(21) PCT/US99/17919

(22) **9 Aug/août 1999 (09.08.1999)**

(25) en (26) en

(30) 09/151,648 **10 Sep/sep 1998** US
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • LASER DRILLING HOLES IN A CYLINDRICAL WORKPIECE
• PERÇAGE PAR LASER D'ORIFICES DANS UNE PIECE A TRAVAILLER CYLINDRIQUE(71) **CHROMALLOY GAS TURBINE CORPORATION** [US/US]; 4430 Director Drive, San Antonio, TX 78219 (US).(72) **LORINGER, Gary**; 2191 NW 18th Drive, Stuart, FL 34994 (US).(74) **BITTMAN, Mitchell, D.**; Sequa Corporation, 3 University Plaza, Hackensack, NJ 07601 (US).

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

(51)⁷ **B23K 35/32, C04B 37/02, B23K 35/02**(11) **WO 00/15384** (13) A1

(21) PCT/DE99/02421

(22) **4 Aug/août 1999 (04.08.1999)**

(25) de (26) de

(30) 198 42 276.8 **16 Sep/sep 1998** DE
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • PASTE FOR WELDING CERAMICS TO METALS AND METHOD FOR PRODUCING A WELDED JOINT
• PATE POUR LE SOUDAGE DE CERAMIQUES AVEC DES METAUX, ET PROCEDE DE REALISATION D'UNE SOUDURE(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) **DE LA PRIETA, Claudio** [DE/DE]; Schwarzwaldstrasse 81, D-70569 Stuttgart (DE). **GLANZ, Uwe** [DE/DE]; Weimarsstrasse 8, D-71679 Asperg (DE). **SCHMIEDL, Carmen** [DE/DE]; Schwabstrasse 21, D-71672 Marbach am Neckar (DE). **KITIRATSCHKY, Petra** [DE/DE]; Wagnersstrasse 2/1, D-71272 Renningen (DE). **ZAPPEL, Bernhard** [DE/DE]; Greuthweg 51, D-72669 Unterensingen (DE).

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

Published / Publiée : (c)

(51)⁶ **B23Q 15/00, G05B 19/4093**(11) **WO 00/15385** (13) A1

(21) PCT/JP99/04418

(22) **17 Aug/août 1999 (17.08.1999)**

(25) ja (26) ja

(30) 10/260519 **14 Sep/sep 1998** JP
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • MACHINING APPARATUS
• APPAREIL D'USINAGE(71) **MAKINO MILLING MACHINE CO., LTD.** [JP/JP]; 3-19, Nakane 2-chome, Meguro-ku, Tokyo 152-8578 (JP).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **YOSHIDA, Jun** [JP/JP]; Makino Milling Machine Co., Ltd., 359-3, Mimase, Aikawa-machi, Aiko-gun, Kanagawa 243-0308 (JP). **KAWANA, Akira** [JP/JP]; Makino Milling Machine Co., Ltd., 359-3, Mimase, Aikawa-machi, Aiko-gun, Kanagawa 243-0308 (JP). **INOUE, Shinichi** [JP/JP]; Makino Milling Machine Co., Ltd., 359-3, Mimase, Aikawa-machi, Aiko-gun, Kanagawa 243-0308 (JP). **HISAKI, Tatsuya** [JP/JP]; Makino Milling Machine Co., Ltd., 359-3, Mimase, Aikawa-machi, Aiko-gun, Kanagawa 243-0308 (JP).(74) **ISHIDA, Takashi** et al. / etc.; A. Aoki, Ishida & Associates, Toranomon 37 Mori Building, 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8423 (JP).

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

(51)⁷ **B23Q 16/00, B27B 27/08**(11) **WO 00/15386** (13) A1

(21) PCT/FR99/02168

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) fr (26) fr

(30) 98/11473 **15 Sep/sep 1998** FR
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • RETRACTABLE STOP FOR CUTTING MACHINE IN PARTICULAR FOR FRAME MOULDING
• BUTEE ESCAMOTABLE POUR MACHINE DE COUPE NOTAMMENT D'UNE MOULURE D'ENCADREMENT(71) **CASSESE SA** [FR/FR]; Zone Industrielle, F-77390 Verneuill l'Étang (FR).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **CASSESE, Alain** [FR/FR]; 3, allée de la Marnière, Breau, F-77720 Mormant (FR).(74) **LHULLIER, René** et al. / etc.; Cabinet Lepeudry, 52, avenue Daumesnil, F-75012 Paris (FR).

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

(51)⁶ **B24B 1/00, H01L 21/302**(11) **WO 00/15387** (13) A1

(21) PCT/US99/21424

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) en (26) en

(30) 09/153,993 **17 Sep/sep 1998** US
(17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • OSCILLATING ORBITAL POLISHER AND METHOD
• POLISSEUSE ORBITALE OSCILLANTE ET PROCEDE ASSOCIE(71) **SPEEDFAM-IPEC CORPORATION** [US/US]; 305 North 54th Street, Chandler, AZ 85226 (US).(72) **ADAMS, John, A.**; 9785 Running Creek Lane, Escondido, CA 92026 (US). **SMITH, Everett, D.**; 8975 Lawrence Welk Drive, 152, Escondido, CA 92026 (US). **SCHULTZ, Stephen, C.**; 843 East Stanford Avenue, Gilbert, AZ 85234 (US).(74) **LYCKE, Lawrence, E.**; Christensen O'Connor Johnson & Kindness PLLC, Suite 2800, 1420 Fifth Avenue, Seattle, WA 98101-2347 (US).

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

Published / Publiée : (c)

(51)⁶ **B24B 49/00**(11) **WO 00/15388** (13) A1

(21) PCT/US99/20417

(22) **7 Sep/sep 1999 (07.09.1999)**

(25) en (26) en

(30) 09/154,013 **16 Sep/sep 1998** US
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • DUAL WHEEL TIRE GRINDER
• RECTIFIEUSE DE PNEU A MEULE DOUBLE(71) **BRIDGESTONE/FIRESTONE, INC.** [US/US]; 1200 Firestone Parkway, Akron, OH 44317 (US).(72) **MORGAN, John, R.**; 6418 Countryside Road, Wilson, NC 27896 (US).

(74) **SAND, Michael** et al. / etc.; Sand & Sebolt, Suite 194, 4801 Dressler Road, N.W., Canton, OH 44718 (US).

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

(51)⁷ **B24D**

(11) **WO 00/15389** (13) A2
(21) PCT/US99/27875
(22) **27 Aug/août 1999 (27.08.1999)**
(25) en (26) en
(30) 09/141,053 **27 Aug/août 1998** US
(27.08.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● **CURL-RESISTANT BACKSIDE COATING LAYER FOR ABRASIVE PAPER**
● **REVEITEMENT DE FEUILLE DE SUPPORT RESISTANT AU RECOUILLEMENT POUR PAPIER ABRASIF**

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

(72) **KRONZER, Francis, Joseph**; 1025 Avery Creek Drive, Woodstock, GA 30188 (US).

(74) **HARPS, Joseph, P.** et al. / etc.; 401 N. Lake Street, Neenah, WI 54956 (US).

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

(51)⁷ **B24D 11/00**

(11) **WO 00/15390** (13) A1
(21) PCT/US99/17493
(22) **2 Aug/août 1999 (02.08.1999)**
(25) en (26) en
(30) 09/153,627 **15 Sep/sep 1998** US
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● **ABRASIVE ARTICLE WITH SEAMLESS BACKING**
● **ARTICLE ABRASIF A SUPPORT SANS SOUDURE**

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

(72) **LARSON, Eric, G.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **KEIPERT, Steven, J.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **KIRK, Alan, R.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **PRIBNOW, Scott, R.** et al. / etc.; 3M Innovative Properties Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

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

(51)⁶ **B25B 13/46**

(11) **WO 00/15391** (13) A1
(21) PCT/US99/05088
(22) **9 Mar/mar 1999 (09.03.1999)**
(25) en (26) en
(30) 09/154,419 **16 Sep/sep 1998** US
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● **SLIDER PAWL**
● **CLIQUET A COULISSE**

(71) **HAND TOOL DESIGN CORPORATION** [US/US]; Suite 105, 501 Silver Side Road, Wilmington, DE 19809 (US).

(72) **TAGGART, Kenneth**; 3871 Pawnee Road, Columbia, PA 17512 (US).

(74) **GAMSON, Robert, M.**; Leonard Bloom & Associates, LLC, Suite 905, 401 Washington Avenue, Towson, MD 21204 (US).

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

Published / Publiée : (b)

(51)⁷ **B25B 13/48**

(11) **WO 00/15392** (13) A1
(21) PCT/US99/20706
(22) **10 Sep/sep 1999 (10.09.1999)**
(25) en (26) en
(30) 60/100,068 **12 Sep/sep 1998** US
(12.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● **LOCKING COLLAR REMOVAL TOOL**
● **OUTIL POUR ENLEVER UNE BAGUE DE BLOCAGE**

(63) US 60/100,068 (CIP)
12 Sep/sep 1998 (12.09.1998)

(71, 72) **MCCLURE, Travis** [US/US]; 429 9th Avenue, Kirkland, WA 98033 (US).

(74) **EVANS, Stephen, M.** et al. / etc.; Graybeal Jackson Haley LLP, Suite 2460, 777 108th Avenue Northeast, Bellevue, WA 98004-5117 (US).

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

(51)⁷ **B25B 21/00**

(11) **WO 00/15393** (13) A1
(21) PCT/DE99/02906
(22) **14 Sep/sep 1999 (14.09.1999)**
(25) de (26) de
(30) 198 41 870.1 **14 Sep/sep 1998** DE
(14.09.1998)
(30) 299 08 022.6 **5 May/mai 1999** DE
(05.05.1999)
(30) 299 08 023.4 **5 May/mai 1999** DE
(05.05.1999)
(30) 299 10 742.6 **19 Jun/juin 1999** DE
(19.06.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● **MOTOR-DRIVEN SCREW DRIVER**
● **VISSEUSE ENTRAINEE PAR UN MO-TEUR**

(71) **JOHANNES LÜBBERING AG** [CH/CH]; Haldenstrasse 1, CH-6340 Baar (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAATHOFF, Konstanze** [DE/DE]; Wiesenstrasse 12, D-49205 Hasbergen (DE). **LÜBBERING, Achim** [DE/DE]; Pfarrer-Hövelböcker-Strasse 6, D-33442 Herzebrock (DE).

(74) **HABEL & HABEL**; Am Kanonengraben 11, D-48151 Münster (DE).

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

Published / Publiée : (c)

(51)⁷ **B25C 1/18**

(11) **WO 00/15394** (13) A1
(21) PCT/US99/20605

(22) 8 Sep/sep 1999 (08.09.1999)

(25) en (26) en

(30) 09/150,522 10 Sep/sep 1998 US
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • COMBUSTION CHAMBER DESIGN
FOR PROPELLANT CHARGES AND
POWER ADJUSTMENT MEANS• CHAMBRE DE COMBUSTION POUR
CHARGES PROPULSIVES ET OR-
GANE DE REGLAGE DE PUISSANCE(71) Senco Products, Inc. [US/US];
8485 Broadwell Road, Cincinnati, OH
45244 (US).(72) Remerowski, David, L.; 8173 Fontaine
Court, Cincinnati, OH 45236 (US).(74) Litzinger, Jerrold, J.; 8485 Broadwell
Road, Cincinnati, OH 45244 (US).(81) AL AM AT AU AZ BA BB BG BR BY CA
CH CN CU CZ DE DK EE ES FI GB GE
GH GM HR HU ID IL IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MD MG
MK MN MW MX NO NZ PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT UA UG
UZ VN YU ZW; AP (GH GM KE LS MW
SD SL SZ UG ZW); EA (AM AZ BY KG
KZ MD RU TJ TM); EP (AT BE CH CY
DE DK ES FI FR GB GR IE IT LU MC NL
PT SE); OA (BF BJ CF CG CI CM GA GN
GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B25J 9/22, 5/02

(11) WO 00/15395 (13) A1

(21) PCT/JP99/04921

(22) 9 Sep/sep 1999 (09.09.1999)

(25) ja (26) ja

(30) 10/259044 14 Sep/sep 1998 JP
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD OF TEACHING ROBOT
WITH TRAVELING AXIS OFF-LINE• PROCEDE D'APPRENTISSAGE D'UN
ROBOT A AXE DE TRANSLATION
HORS LIGNE(71) Kabushiki Kaisha Yaskawa
Denki [JP/JP]; 2-1, Kurosaki-Shiroishi,
Yahatanishi-ku, Kitakyushu-shi, Fukuoka
806-0004 (JP).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) Noguchi, Yasuhiko [JP/JP]; Kabu-
shiki Kaisha Yaskawa Denki, 2-1, Kuro-
saki-Shiroishi, Yahatanishi-ku, Kitakyu-
shu-shi, Fukuoka 806-0004 (JP). Kuwa-
hara, Koichi [JP/JP]; Kabushiki Kaisha
Yaskawa Denki, 2-1, Kurosaki-Shiroishi,
Yahatanishi-ku, Kitakyushu-shi, Fukuoka
806-0004 (JP). Kakisaka, Youichi
[JP/JP]; Kabushiki Kaisha Yaskawa Denki,
2-1, Kurosaki-Shiroishi, Yahatanishi-ku,
Kitakyushu-shi, Fukuoka 806-0004 (JP).(81) CN KR US; EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE).(51)⁶ B25J 13/00, 13/08, 5/00, A63F 9/22

(11) WO 00/15396 (13) A1

(21) PCT/JP99/04957

(22) 10 Sep/sep 1999 (10.09.1999)

(25) ja (26) ja

(30) 10/256465 10 Sep/sep 1998 JP
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ROBOT APPARATUS, METHOD OF
CONTROLLING ROBOT APPARATUS,
METHOD OF DISPLAY, AND ME-
DIUM• APPAREIL ROBOTIQUE, PRO-
CEDE DE COMMANDE DE
L'APPAREIL ROBOTIQUE, PROCEDE
D'AFFICHAGE ET SUPPORT(71) Sony Corporation [JP/JP]; 7-35, Ki-
tashinagawa 6-chome, Shinagawa-ku, To-
kyo 141-0001 (JP).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) Sabe, Kotaro [JP/JP]; Sony Corpora-
tion, 7-35, Kitashinagawa 6-chome, Shina-
gawa-ku, Tokyo 141-0001 (JP). Fujita,
Masahiro [JP/JP]; Sony Corporation, 7-35,
Kitashinagawa 6-chome, Shinagawa-ku, To-
kyo 141-0001 (JP).(74) Koike, Akira et al. / etc.; No.11 Mori
Building, 6-4, Toranomon 2-chome, Mi-
nato-ku, Tokyo 105-0001 (JP).(81) AU CA CN JP KR US; EP (AT BE CH CY
DE DK ES FI FR GB GR IE IT LU MC NL
PT SE).(51)⁷ B26D 7/01, A41H 43/02

(11) WO 00/15397 (13) A1

(21) PCT/FR99/02206

(22) 16 Sep/sep 1999 (16.09.1999)

(25) fr (26) fr

(30) 98/11541 16 Sep/sep 1998 FR
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • AUTOMATIC CUTTING OF PIECES IN
A SHEET MATERIAL• COUPE AUTOMATIQUE DE PIECES
DANS UNE MATIERE EN FEUILLE(71) Lectra Systemes [FR/FR]; Chemin
de Marticot, F-33611 Cestas Cedex (FR).
*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) Chabirand Garconnet, Didier
[FR/FR]; 117 avenue du Maréchal de Lattre
de Tassigny, F-33610 Cestas (FR). Ba-
die, Thierry [FR/FR]; Le Bourg, F-47430
Calonges (FR).(74) Joly, Jean-Jacques et al. / etc.; Cabinet
Beau de Loménié, 158 rue de l'Université,
F-75340 Paris Cedex 07 (FR).(81) US; EP (AT BE CH CY DE DK ES FI FR
GB GR IE IT LU MC NL PT SE).(51)⁷ B26F 1/00

(11) WO 00/15398 (13) A2

(21) PCT/IL99/00439

(22) 12 Aug/août 1999 (12.08.1999)

(25) en (26) en

(30) 126240 16 Sep/sep 1998 IL
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • APPARATUS FOR STAMPING PROFI-
LED BARS• APPAREIL D'ESTAMPAGE DE
BARRES PROFILEES(71) Shoham Machines and Dies Ltd.
[IL/IL]; Herzl Street 108, 66554 Tel Aviv
(IL).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) Schusheim, Asher [IL/IL]; Habaal
Shem Tov Street 8, 52300 Ramat-Gan (IL).(74) Freimann, Daniel; P.O. Box 29814,
61297 Tel Aviv (IL).(81) AE AL AM AT AU AZ BA BB BG BR BY
CA CH CN CR CU CZ DE DK DM EE ES
FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MD MG MK MN MW MX NO NZ
PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT UA UG US UZ VN YU ZA ZW; AP
(GH GM KE LS MW SD SL SZ UG ZW);
EA (AM AZ BY KG KZ MD RU TJ TM);
EP (AT BE CH CY DE DK ES FI FR GB
GR IE IT LU MC NL PT SE); OA (BF BJ
CF CG CI CM GA GN GW ML MR NE SN
TD TG).(51)⁶ B27B 13/04, 13/16, 29/10, B23D 53/08,
55/02, B26D 3/10

(11) WO 00/15399 (13) A1

(21) PCT/AU99/00776

(22) 14 Sep/sep 1999 (14.09.1999)

(25) en (26) en

(30) PP 5877 14 Sep/sep 1998 AU
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD OF AND APPARATUS
FOR MANUFACTURING COMPLEX
SHAPES• PROCEDE ET APPAREIL POUR FA-
BRIQUER DES FORMES COMPLEXES(71, 72) Anton, Con [AU/AU]; 14-16 Horne
Street, Thomastown, VIC 3074 (AU).(74) Tatlock, Alfred; A Tatlock & Asso-
ciates, 208 Elgin Street, Carlton, VIC 3053
(AU).(81) AE AL AM AT AU AZ BA BB BG BR BY
CA CH CN CR CU CZ DE DK DM EE ES
FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MD MG MK MN MW MX NO NZ
PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG US UZ VN YU ZA ZW;
AP (GH GM KE LS MW SD SL SZ TZ UG
ZW); EA (AM AZ BY KG KZ MD RU TJ
TM); EP (AT BE CH CY DE DK ES FI FR
GB GR IE IT LU MC NL PT SE); OA (BF
BJ CF CG CI CM GA GN GW ML MR NE
SN TD TG).

(51)⁶ **B27K 5/02, B05D 7/06, 7/08**(11) **WO 00/15400** (13) A1

(21) PCT/AU99/00779

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) PP 5940 **15 Sep/sep 1998** AU
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) ● METHOD FOR SURFACE TREATING ENGINEERED COMPOSITE BOARD
● PROCEDE DE TRAITEMENT DE SURFACE DE PANNEAUX COMPOSITES INDUSTRIELS

(71) **TUDOR LODGE PTY. LTD.** [AU/AU]; Level 1, 35 Outram Street, West Perth, W.A. 6005 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **THOMSON, Peter, Francis** [AU/AU]; 37-39 Owen Road, Kelmescott, W.A. 6111 (AU).

(74) **WRAY & ASSOCIATES**; 239 Adelaide Terrace, Perth, W.A. 6000 (AU).

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

(51)⁷ **B27N 3/08, B30B 15/06**(11) **WO 00/15401** (13) A1

(21) PCT/US99/17682

(22) **4 Aug/août 1999 (04.08.1999)**

(25) en (26) en

(30) 09/154,234 **16 Sep/sep 1998** US
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) ● APPARATUS AND STEAM INJECTION METHOD FOR MAKING A CONSOLIDATED CELLULOSIC PRODUCT
● APPAREIL ET PROCEDE D'INJECTION POUR LA FABRICATION D'UN PRODUIT CELLULO-SIQUE CONSOLIDE

(71) **MASONITE CORPORATION** [US/US]; One South Wacker Drive, Chicago, IL 60606 (US).

(72) **DODD, William, R.**; 3810 Millsaps Drive, Laurel, IL 39440 (US).

(74) **ANDERSON, Richard, H.**; Marshall, O'Toole, Gerstein, Murray & Borun, 6300 Sears Tower, 233 South Wacker Drive, Chicago, IL 60606-6402 (US).

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

(51)⁷ **B28B 7/24, 7/00, E01C 5/06**(11) **WO 00/15402** (13) A1

(21) PCT/NL99/00574

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 1010111 **16 Sep/sep 1998** NL
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) ● METHOD AND MOULD FOR MAKING CONCRETE ARTICLES
● PROCEDE DE FABRICATION D'ARTICLES EN BETON ET MOULE CORRESPONDANT

(71, 72) **VAN DER HELJDEN, Johannes, Hendricus, Antonius, Martinus** [NL/NL]; Prof. Schermerhornlaan 55, NL-5707 KG Helmond (NL).

(74) **DE BRUIJN, Leendert, C.**; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

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

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(51)⁷ **B29B**(11) **WO 00/15403** (13) A2

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(22) **25 Aug/août 1999 (25.08.1999)**

(25) ru (26) ru

(30) 98094786 **11 Sep/sep 1998** UA
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) ● CATALYST FOR THE LOW-TEMPERATURE PYROLYSIS OF HYDROCARBON-CONTAINING POLYMER MATERIALS
● CATALYSEUR POUR LA PYROLYSE A BASSE TEMPERATURE DE MATIERIAUX POLYMERES CONTENANT DES HYDROCARBURES

(71, 72) **PRILUTSKY, Emmanuil Volfovich** [UA/UA]; ul.Semashko, 17-8, Kiev, 252142 (UA). **PRILUTSKY, Oleg Volfovich** [UA/UA]; ul.Semashko, 17-8, Kiev, 252142 (UA).

(74) **KUTSEVICH, Valery Ljudvikovich**; ul.Polyarnaya, 13-81, Kiev, 254201 (UA).

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

(51)⁷ **B29C 37/00 // B60R 21/20**(11) **WO 00/15404** (13) A1

(21) PCT/CA99/00822

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) 60/100,124 **14 Sep/sep 1998** US
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) ● TRIM ARTICLES WITH LIGHT STABLE COVERING CONTAINING INVISIBLE TEAR SEAM, AND PROCESS OF MAKING THE SAME
● ARTICLES DE GARNITURE A REVE-TEMENT STABLE A LA LUMIERE ET A LIGNE DE RUPTURE INVISIBLE ET PROCEDE DE FABRICATION

(71) **MAGNA INTERIOR SYSTEMS, INC.** [CA/CA]; 337 Magna Drive, Aurora, Ontario L4G 7K1 (CA).

(72) **GARDNER, John, A., Jr.**; 48A Baker Avenue, Deerfield, NH 03037 (US).

(74) **IMAI, Jeffrey, T.**; Magna International Inc., 337 Magna Drive, Aurora, Ontario L4G 7K1 (CA).

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

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(51)⁷ **B29C 44/50**(11) **WO 00/15405** (13) A1

(21) PCT/NL99/00552

(22) **7 Sep/sep 1999 (07.09.1999)**

(25) nl (26) en

- (30) 1010057 **10 Sep/sep 1998** NL
(10.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD AND APPARATUS FOR EXTRUDING FOAMED ARTICLES
• PROCEDE ET DISPOSITIF D'EXTRUSION D'ARTICLES EN MOUSSE
- (71) **WAVIN B.V.** [NL/NL]; Stationsplein 3, NL-8011 CW Zwolle (NL).
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- (72, 75) **OVEREIJNDER, Hans** [NL/NL]; Mercuriuslaan 6, NL-7771 EH Hardenberg (NL).
KOOPMANS, Stephan, Henricus, Maria [NL/NL]; Rietgorsmeen 25, NL-3844 ZK Harderwijk (NL).
- (74) **IEMENSCHOT, J., A.;** Exter Polak & Charlouis B.V., P.O. Box 3241, NL-2280 GE Rijswijk (NL).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
-
- (51)⁷ **B29C 45/14, B21D 28/28**
- (11) **WO 00/15406** (13) A1
- (21) PCT/JP99/03960
- (22) **23 Jul/juil 1999 (23.07.1999)**
- (25) en (26) en
- (30) 10/256504 **10 Sep/sep 1998** JP
(10.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • INSERT PIPE FOR INJECTION MOLDING, INSERT PIPE PROCESSING METHOD, AND MOLDED ARTICLE
• MATRICE RAPPORTEE DE MOULAGE PAR INJECTION, SON PROCEDE DE TRAITEMENT ET ARTICLE MOULE
- (71) **MOLD RESEARCH INSTITUTE CO., LTD.** [JP/JP]; 7-7, Minamiooi 6-chome, Shinagawa-ku, Tokyo 140-0013 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ISHII, Kiyoshi** [JP/JP]; 8-37, Teramachi 1-chome, Kanazawa-shi, Isikawa 921-8033 (JP). **KATO, Akira** [JP/JP]; 4-13, Nishishinagawa 3-chome, Shinagawa-ku, Tokyo 141-0033 (JP).
- (74) **OSHIMA, Yoichi;** Kitagawa Building, 7th floor, 6-42, Kagurazaka, Shinjuku-ku, Tokyo 162-0825 (JP).
- (81) CA CN KR RU SG US VN; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- (51)⁷ **B29C 45/56**
- (11) **WO 00/15407** (13) A1
- (21) PCT/EP99/06564
- (22) **7 Sep/sep 1999 (07.09.1999)**
- (25) de (26) de
- (30) 198 42 385.3 **16 Sep/sep 1998** DE
(16.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • DEVICE AND METHOD FOR INJECTION-COMPRESSION MOLDING
• DISPOSITIF ET PROCEDE D'INJECTION-ESTAMPAGE
- (71) **MANNESMANN VDO AG** [DE/DE]; Kruppstrasse 105, D-60388 Frankfurt (DE).
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- (72, 75) **KELLER, Dieter** [DE/DE]; Hindemithstrasse 7, D-63743 Aschaffenburg (DE).
- (81) AU CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (51)⁷ **B29C 47/12, 47/54, 47/92, G01N 11/04**
- (11) **WO 00/15408** (13) A1
- (21) PCT/US99/16382
- (22) **20 Jul/juil 1999 (20.07.1999)**
- (25) en (26) en
- (30) 09/151,245 **14 Sep/sep 1998** US
(14.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • SYSTEM AND METHOD FOR GENERATING DIE SWELL/DRAW DOWN INFORMATION FOR PROFILE EXTRUSION DIE DESIGN
• SYSTEME ET PROCEDE POUR LA GENERATION D'INFORMATIONS RELATIVES AU GONFLEMENT PAR EXTRUSION/EMBOUTISSAGE, POUR LA MISE AU POINT D'UNE FILIERE D'EXTRUSION POUR PROFILS
- (71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).
- (72) **WANG, Hsin-Ping;** 773 Riverview Road, Rexford, NY 12148 (US). **SARAIYA, Gopal, Rameschandra;** 164 Bartlett Avenue #3, Pittsfield, MA 01201 (US). **TEUTSCH, Erich, Otto;** 488 Summit Road, Pittsfield, MA 01201 (US). **DUNTON, Thomas, Paul;** 14880 Route 22, New Lebanon, NY 12125 (US).
- (74) **SNYDER, Bernard** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).
- (81) JP SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- (51)⁷ **B29C 49/04, 49/42**
- (11) **WO 00/15409** (13) A1
- (21) PCT/DE99/02213
- (22) **16 Jul/juil 1999 (16.07.1999)**
- (25) de (26) de
- (30) 198 42 309.8 **16 Sep/sep 1998** DE
(16.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD AND DEVICE FOR PRODUCING A LARGE-VOLUME CONTAINER
• PROCEDE ET DISPOSITIF POUR LA PRODUCTION D'UN CONTENANT DE GRAND VOLUME
- (71, 72) **RICHTER, Günter** [DE/DE]; Johannastr. 12, D-57610 Montabaur (DE).
- (74) **KOSSOBUTZKI, Walter;** Hochstrasse 7, D-56244 Helferskirchen (DE).
- (81) BR CA CN JP KR MX US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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-
- (51)⁶ **B29C 55/14, 55/16, 67/20**
- (11) **WO 00/15410** (13) A1
- (21) PCT/US99/20781
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 60/100,255 **11 Sep/sep 1998** US
(11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD OF MANUFACTURING A FILM PRODUCT
• PROCEDE DE FABRICATION D'UN FILM
- (71) **ECC INTERNATIONAL INC.** [US/US]; Suite 300, 100 Mansell Court East, Roswell, GA 30076 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SKELHORN, David, A.** [GB/US]; 110 Compton Hall Drive, Alpharetta, GA 30005 (US).
- (74) **KIKEL, Suzanne;** ECC International Inc., Calgon Center, 5400 Campbells Run Road, Pittsburgh, PA 15205-1084 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ B29C 63/34, F16L 55/165, C08J 3/24

(11) WO 00/15411 (13) A1

(21) PCT/GB99/03024

(22) 13 Sep/sep 1999 (13.09.1999)

(25) en (26) en

(30) 9819712.2 11 Sep/sep 1998 GB
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD OF LINING PIPES

• PROCEDE DE REVETEMENT DE L'INTERIEUR DE TUYAUX

(71) ADVANCED ENGINEERING SOLUTIONS LIMITED [GB/GB]; South Nelson Road, South Nelson Industrial Estate, Cramlington, Northumberland NE23 9WF (GB).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) BURLEY, Colin [GB/GB]; 28 Ebchester Court, Newcastle upon Tyne NE3 2QX (GB).

(72, 75) WRIGHT, Nigel [GB/GB]; 17 Kenmore Road, Swarland, Northumberland NE65 9JS (GB).

(74) JONES, Stephen, Anthony; Lewis & Taylor, 49 Stoney Street, Nottingham NG1 1LX (GB).

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

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(21) PCT/SE99/01392

(22) 18 Aug/août 1999 (18.08.1999)

(25) en (26) en

(30) 9803091-9 11 Sep/sep 1998 SE
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • AN ULTRASOUND UNIT

• DISPOSITIF EMETTEUR D'ULTRASONS

(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) LINDBLAD, Ulf [SE/SE]; Kastanjegatan 50, S-224 56 Lund (SE).

(74) BENTZ, Christer; AB Tetra Pak, Ruben Rausing's gata, S-221 86 Lund (SE).

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

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(25) en (26) en

(30) 9803092-7 11 Sep/sep 1998 SE
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • AN ULTRASOUND UNIT

• UNITE PRODUCTRICE D'ULTRASONS

(71) TETRA LAVAL HOLDINGS & FINANCE SA [CH/CH]; Avenue Général-Guisan 70, CH-1009 Pully (CH).
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(72, 75) LINDBLAD, Ulf [SE/SE]; Kastanjegatan 50, S-224 56 Lund (SE). JOHANSSON, Per [SE/SE]; Ribevägen 14B, S-217 46 Malmö (SE).

(74) BENTZ, Christer; AB Tetra Pak, Ruben Rausing's gata, S-221 86 Lund (SE).

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

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(25) en (26) en

(30) 09/152,170 11 Sep/sep 1998 US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR FABRICATING COMPOSITE PRESSURE VESSELS AND PRODUCTS FABRICATED BY THE METHOD

• PROCEDE POUR FABRIQUER DES CUVES COMPOSITES SOUS PRES-SION ET PRODUITS OBTENUS PAR CE PROCEDE

(71) ESSEF CORPORATION [US/US]; Suite 314, Executive Center East, 4020 Mt. Carmel-Tabasco Road, Cincinnati, OH 45255 (US).

(72) GOLDSWORTHY, William, B.; 2504 Novato Place, Palos Verdes Estates, CA 90274 (US). KORZENIOWSKI, George, J.; 4210 Woodcliff Road, Sherman Oaks, CA 91403 (US). CARTER, Thomas, G.; 6297 Martene Avenue, Kent, OH 44240 (US).

(74) LECHTER, Michael, A. et al. / etc.; Squire, Sanders & Dempsey L.L.P., Two Renaissance Square, Suite 2700, 40 North Central Avenue, Phoenix, AZ 85004-4440 (US).

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

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(25) en (26) en

(30) 09/151,442 11 Sep/sep 1998 US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR FABRICATING COMPOSITE PRESSURE VESSELS AND PRODUCTS FABRICATED BY THE METHOD

• PROCEDE POUR FABRIQUER DES CUVES COMPOSITES SOUS PRES-SION

(71) ESSEF CORPORATION [US/US]; Executive Center East, Suite 314, 4020 Mt. Carmel-Tabasco Road, Cincinnati, OH 45255 (US).

(72) MURPHY, James, C.; 11449 Oak Hollow Drive, Chardon, OH 44020 (US). BOYCE, Gerald, S.; Stonebrook, Pasture Lane, Ruddington, Nottingham NG11 6AG (GB). COECKELBERGS, Erik; Borgstraat 25, B-2275 Wechelderzande (BE).

(74) LECHTER, Michael, A. et al. / etc.; Squire, Sanders & Dempsey L.L.P., Two Renaissance Square, Suite 2700, 40 North Central Avenue, Phoenix, AZ 85004-4440 (US).

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

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(21) PCT/US99/21107

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(25) en (26) en

(30) 09/151,535 11 Sep/sep 1998 US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR FABRICATING
COMPOSITE PRESSURE VESSELS
AND PRODUCTS FABRICATED BY
THE METHOD• PROCEDE DE FABRICATION
D'ENCEINTES SOUS PRESSION
COMPOSITES ET PRODUITS FA-
BRIQUES A L'AIDE DE CE PROCEDE(71) ESSEF CORPORATION [US/US]; Suite
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mel-Tabasco Road, Cincinnati, OH 45255
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Gerald, S.; Stoneybrook, Pasture Lane,
Ruddington, Nottingham NG11 6AG (GB).
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B-2275 Wechelderzande (BE).(74) LECHTER, Michael, A. et al. / etc.;
Squire, Sanders & Dempsey L.L.P., Suite
2700, Two Renaissance Square, 40 North
Central Avenue, Phoenix, AZ 85004-4440
(US).(81) AE AL AM AT AU AZ BA BB BG BR BY
CA CH CN CR CU CZ DE DK DM EE ES
FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MD MG MK MN MW MX NO NZ
PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT UA UG UZ VN YU ZA ZW; EP (AT
BE CH CY DE DK ES FI FR GB GR IE IT
LU MC NL PT SE).

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(51)⁷ B29C 70/44, 53/82, 49/24

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(21) PCT/US99/21162

(22) 13 Sep/sep 1999 (13.09.1999)

(25) en (26) en

(30) 09/152,047 11 Sep/sep 1998 US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR FABRICATING
COMPOSITE PRESSURE VESSELS
AND PRODUCTS FABRICATED BY
THE METHOD• PROCEDE DE FABRICATION
D'ENCEINTES SOUS PRESSION
COMPOSITES ET PRODUITS FA-
BRIQUES A L'AIDE DE CE PROCEDE(71) ESSEF CORPORATION [US/US]; Suite
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Ruddington, Nottingham NG11 6AG (GB).
COECKELBERGS, Erik; Borgstraat 25,
B-2275 Wechelderzande (BE).(74) LECHTER, Michael, A. et al. / etc.;
Squire, Sanders & Dempsey L.L.P., Suite
2700, Two Renaissance Square, 40 North
Central Avenue, Phoenix, AZ 85004-4440
(US).(81) AE AL AM AT AU AZ BA BB BG BR BY
CA CH CN CR CU CZ DE DK DM EE ES
FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MD MG MK MN MW MX NO NZ
PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT UA UG UZ VN YU ZA ZW; EP (AT
BE CH CY DE DK ES FI FR GB GR IE IT
LU MC NL PT SE).

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(51)⁷ B29C 70/44, 53/82

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(22) 13 Sep/sep 1999 (13.09.1999)

(25) en (26) en

(30) 09/152,169 11 Sep/sep 1998 US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR FABRICATING
COMPOSITE PRESSURE VESSELS
AND PRODUCTS FABRICATED BY
THE METHOD• PROCEDE DE FABRICATION DE RE-
CIPIENTS EN MATIERE COMPOSITE
POUR FLUIDES SOUS PRESSION
ET PRODUITS REALISES SELON CE
PROCEDE(71) ESSEF CORPORATION [US/US]; Execu-
tive Center East, Suite 314, 4020 Mt. Car-
mel-Tabasco Road, Cincinnati, OH 45255
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Drive, Chardon, OH 44020 (US). BOYCE,
Gerald, S.; Stoneybrook, Pasture Lane,
Ruddington, Nottingham NG11 6AG (GB).
COECKELBERGS, Erik; Borgstraat 25,
B-2275 Wechelderzande (BE).(74) LECHTER, Michael, A. et al. / etc.;
Squire, Sanders & Dempsey L.L.P., Suite
2700, Two Renaissance Square, 40 North
Central Avenue, Phoenix, AZ 85004-4440
(US).(81) AE AL AM AT AU AZ BA BB BG BR BY
CA CH CN CR CU CZ DE DK DM EE ES
FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MD MG MK MN MW MX NO NZ
PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT UA UG UZ VN YU ZA ZW; EP (AT
BE CH CY DE DK ES FI FR GB GR IE IT
LU MC NL PT SE).

Published / Publiée : (c)

(51)⁶ B29C 73/00

(11) WO 00/15419 (13) A1

(21) PCT/US99/21039

(22) 15 Sep/sep 1999 (15.09.1999)

(25) en (26) en

(30) 09/153,698 15 Sep/sep 1998 US
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • FIXTURE FOR WINDOW REPAIR

• MONTAGE DE FIXATION POUR RE-
PARATION DE VITRES(71) AUTO GLASS SPECIALISTS, INC.
[US/US]; P.O. Box 259500, Madison, WI
53725-9500 (US).(72) RUSCH, Bradd, R.; 6719 South Smith
Road, Clinton, WI 53565 (US).(74) SMITH, Jeffry, W.; Lathrop & Clark LLP,
Suite 400, 740 Regent Street, P.O. Box 1507,
Madison, WI 53701-1507 (US).(81) AE AL AM AT AU AZ BA BB BG BR BY
CA CH CN CU CZ DE DK EE ES FI GB
GD GE GH GM HR HU ID IL IN IS JP KE
KG KP KR KZ LC LK LR LS LT LU LV
MD MG MK MN MW MX NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT
UA UG UZ VN YU ZA ZW; AP (GH GM
KE LS MW SD SL SZ TZ UG ZW); EA
(AM AZ BY KG KZ MD RU TJ TM); EP
(AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE); OA (BF BJ CF
CG CI CM GA GN GW ML MR NE SN TD
TG).(51)⁷ B29D 17/00, B65G 29/00

(11) WO 00/15420 (13) A1

(21) PCT/EP99/06504

(22) 3 Sep/sep 1999 (03.09.1999)

(25) de (26) de

(30) 198 41 393.9 10 Sep/sep 1998 DE
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • DEVICE FOR TRANSPORTING CIR-
CULAR DISK-SHAPED SUBSTRATES
FROM A FEEDING STATION TO AN
END STATION VIA SEVERAL INTER-
MEDIATE STATIONS• DISPOSITIF PERMETTANT LE
TRANSPORT DES SUBSTRATS
EN FORME DE DISQUES RONDS
D'UNE STATION D'ALIMENTATION
JUSQU'A UNE STATION TERMINALE
EN PASSANT PAR PLUSIEURS STA-
TIONS INTERMEDIAIRES(71) LEYBOLD SYSTEMS GMBH [DE/DE];
Wilhelm-Rohn-Strasse 25, D-63450 Hanau
(DE).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) FUEST, Dietmar [DE/DE];
Münsterstrasse 18, D-55116 Mainz (DE).
JANSEN, Erwin [DE/DE]; Vor den Mauern
2a, D-63755 Alzenau (DE). WEIL, Alexan-
der [DE/DE]; Kurmainzstrasse 64, D-55126
Mainz (DE).(74) SARTORIUS, Peter; Elisabethenstrasse 24,
D-68535 Neckarhausen (DE).(81) CN US; EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE).

(51)⁷ B29D 30/00, B66C 1/54

(11) WO 00/15421 (13) A1

(21) PCT/EP99/06749

(22) 13 Sep/sep 1999 (13.09.1999)

(25) fr (26) fr

(30) 98/11466 14 Sep/sep 1998 FR
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • TYRE CASING HOLDING DEVICE
WITH VERTICAL AXIS

- DISPOSITIF DE SUSPENSION A
AXE VERTIVAL DE CARCASSES DE
PNEUMATIQUE

(71) SOCIETE DE TECHNOLOGIE MICHELIN [FR/FR]; 23, rue Breschet, F-63000 Clermont-Ferrand (FR). MICHELIN RECHERCHE ET TECHNIQUE S.A. [CH/CH]; 10-12, route Louis Braille, CH-1763 Granges-Paccot (CH).

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

(72, 75) GUIDE, Jean-Pierre [FR/FR]; 33 C boulevard de Montchalamet, F-63130 Royat (FR).

(74) BAUVIR, Jacques; Michelin & Cie, Service SGD/LG/PI-LAD, F-63040 Clermont-Ferrand Cedex 09 (FR).

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

Published / Publiée : (c)

(51)⁷ B29D 30/00, B66C 1/54, B29D 30/20

(11) WO 00/15422 (13) A1

(21) PCT/EP99/06750

(22) 13 Sep/sep 1999 (13.09.1999)

(25) fr (26) fr

(30) 98/11465 14 Sep/sep 1998 FR
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • TYRE CASING HOLDING DEVICE

- DISPOSITIF DE SUSPENSION DE
CARCASSES DE PNEUMATIQUES

(71) SOCIETE DE TECHNOLOGIE MICHELIN [FR/FR]; 23, rue Breschet, F-63000 Clermont-Ferrand (FR). MICHELIN RECHERCHE ET TECHNIQUE S.A. [CH/CH]; Route Louis Braille 10 et 12, CH-1763 Granges-Paccot (CH).

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

(72, 75) BAGNASCO, Angelo [IT/IT]; Michelin et Cie, Service SGD/LG/PI-LAD, F-63040 Clermont-Ferrand Cedex 09 (FR).

(74) BAUVIR, Jacques; Michelin & Cie, Service SGD/LG/PI-LAD, F-63040 Clermont-Ferrand Cedex 09 (FR).

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

(51)⁷ B30B 11/24, A23P 1/12, B30B 15/30

(11) WO 00/15423 (13) A1

(21) PCT/GB99/03044

(22) 14 Sep/sep 1999 (14.09.1999)

(25) en (26) en

(30) 9820120.5 15 Sep/sep 1998 GB
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • IMPROVEMENTS IN OR RELATING
TO APPARATUS AND METHODS FOR
PRODUCING FOOD PRODUCTS

- PERFECTIONNEMENTS SE RAPPOR-
TANT A UN APPAREIL ET A DES
PROCEDES DE PRODUCTION DE
PRODUITS ALIMENTAIRES

(71) VAN DALSEM DESIGN B.V. [NL/NL]; Wipmolen 28, NL-1823 GB Alkmaar (NL). H.O. SHORT & SON LTD [GB/GB]; Roller Flour Mills, Berwick-upon-Tweed TD15 2AB (GB).

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

(72, 75) VAN DALSEM, Simon [NL/NL]; Wipmolen 28, NL-1823 GB Alkmaar (NL). GLADSTONE, Thomas, Black, Short [GB/GB]; The Mead, Berwick-upon-Tweed TD15 2NZ (GB).

(74) JACKSON, Richard, Eric; Carpmals & Ransford, 43 Bloomsbury Square, London WC1A 2RA (GB).

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

Published / Publiée : (c)

(51)⁶ B32B 3/00, 7/02

(11) WO 00/15424 (13) A1

(21) PCT/US99/20563

(22) 9 Sep/sep 1999 (09.09.1999)

(25) en (26) en

(30) 09/151,129 10 Sep/sep 1998 US
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • INK RECEPTIVE COEXTRUDED FILM

- FILM RECEPTIF A L'ENCRE OBTENU
PAR CO-EXTRUSION

(71) MOBIL OIL CORPORATION [US/US]; 3225 Gallows Road, Fairfax, VA 22037-0001 (US).

(72) LU, Pang-Chia; 86 Stuyvesant Road, Pittsford, NY 14534-3233 (US). CLECKNER, Michael, Dale; 165 East Lake Road, Honeoye, NY 14471-9708 (US).

(74) SANTINI, Dennis, P. et al. / etc.; ExxonMobil Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (US).

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

(51)⁷ B32B 3/00

(11) WO 00/15425 (13) A1

(21) PCT/US99/21288

(22) 17 Sep/sep 1999 (17.09.1999)

(25) en (26) en

(30) 60/100,726 17 Sep/sep 1998 US
(17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ORGANIC RECORDING MEDIUM
FOR FLUORESCENT WORM DISKS

- SUPPORT D'ENREGISTREMENT OR-
GANIQUE POUR DISQUES FLURO-
RESCENTS DU TYPE WORM

(71) OMD DEVICES LLC [US/US]; Dr. Alexander Libin, 1013 Centre Road, Wilmington, DE 19805 (US).

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

(72, 75) ALPEROVICH, Mark [IL/IL]; 33/3 Hamelech Hizkija, 77497 Ashdod (IL). ZUHL, Irene [IL/IL]; 10/3 Yoav Ben Tzuraya St., 77535 Ashdid (IL). LEVICH, Eugene [IL/US]; 330 West 45 St., Apt. 9L, New York, NY 10036 (US). KHAIKIN, Arkady [IL/IL]; 2/26 Marvad Ha-ksamim Str., 58847 Holon (IL).

(74) COHEN, Herbert et al. / etc.; Blank Rome Comisky & McCauley LLP, 900 17th Street, N.W., Suite 1000, Washington, DC 20006 (US).

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

Published / Publiée : (c)

(51)⁶ B32B 3/10, B42D 15/00, G09F 3/00, 3/10, 3/20

(11) WO 00/15426 (13) A1

(21) PCT/US99/21032

(22) 14 Sep/sep 1999 (14.09.1999)

(25) en (26) en

(30) 09/151,813 14 Sep/sep 1998 US
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ADHESIVE LABELS WITH A GRID PATTERN

- ETIQUETTES ADHESIVES A MOTIF EN GRILLE
- (71) **ACCO BRANDS, INC.** [US/US]; 300 Tower Parkway, Lincolnshire, IL 60069 (US).
- (72) **CONLEY, Christopher, V.**; 2023 W. Walton Street, Chicago, IL 60622 (US). **O'CONNOR, Maureen, A.**; 323 W. Concord, #3, Chicago, IL 60614 (US). **STEINER, Denise**; 2314 Sherman Avenue, Apt. 3E, Evanston, IL 60201 (US). **SCHEDLER, Ana**; 2038 West Le Moyne, #2F, Chicago, IL 60622 (US). **MELAMED, Meeyoung**; 2935 West Belden Avenue, Chicago, IL 60647 (US). **CECALA, Fred, Edward**; 807 S. We-Go Trail, Mount Prospect, IL 60056 (US).
- (74) **WEILD, David, III** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).
- (81) AU CA MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (51)⁶ **B32B 3/12**
- (11) **WO 00/15427** (13) A1
- (21) PCT/US99/06956
- (22) **30 Mar/mar 1999 (30.03.1999)**
- (25) en (26) en
- (30) 09/150,579 **10 Sep/sep 1998** US (10.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD OF FORMING ACOUSTIC ATTENUATION CHAMBERS USING LASER PROCESSING OF MULTILAYERED POLYMER FILMS
- PROCEDE DE FABRICATION DE CHAMBRES D'ATTENUATION DU BRUIT UTILISANT LE TRAITEMENT AU LASER DE FILMS POLYMERES MULTICOUCHES
- (71) **NORTHROP GRUMMAN CORPORATION** [US/US]; 1840 Century Park East, Los Angeles, CA 90067-2199 (US).
- (72) **CLARKE, James, A.**; 30 Stratford Avenue, Greenlawn, NY 11740 (US). **KUNZE, Robert, K., Jr.**; 6960 South 143rd Street East, Derby, KS 67037 (US).
- (74) **ANDERSON, Terry, J.**; Northrop Grumman Corporation, 1840 Century Park East, Los Angeles, CA 90067-2199 (US) et al. / etc.
- (81) ; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (a)
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- (51)⁶ **B32B 9/00, G02F 1/1337**
- (11) **WO 00/15428** (13) A1
- (21) PCT/JP99/05059
- (22) **16 Sep/sep 1999 (16.09.1999)**
- (25) ja (26) ja
- (30) 10/262031 **16 Sep/sep 1998** JP (16.09.1998)
- (30) 11/246661 **31 Aug/août 1999** JP (31.08.1999)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • FUNCTIONAL FILM AND METHOD FOR PREPARATION THEREOF, AND LIQUID CRYSTAL DISPLAY ELEMENT USING THE SAME AND METHOD FOR PREPARATION THEREOF
- FILM FONCTIONNEL, PROCEDE DE FABRICATION DE CE FILM, ELEMENT D'AFFICHAGE A CRISTAUX LIQUIDES UTILISANT CE FILM ET PROCEDE DE PRODUCTION DE CET ELEMENT D'AFFICHAGE
- (71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza-Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NOMURA, Takaiki** [JP/JP]; 4-19-16, Imagawa, Higashisumiyoshi-ku, Osaka-shi, Osaka 546-0003 (JP). **OGAWA, Kazufumi** [JP/JP]; 2-3-50, Aoyama, Nara-shi, Nara 630-8101 (JP). **OTAKE, Tadashi** [JP/JP]; 30-15, Kawakitanakamachi, Neyagawa-shi, Osaka 572-0816 (JP). **TAKEBE, Takako** [JP/JP]; 4-9-203, Ikuno, Katano-shi, Osaka 576-0054 (JP).
- (74) **OHMAE, Kaname**; 2F, Lions Bldg. Oh-temae, 2-3-14, Uchihiranomachi, Chuo-ku, Osaka-shi, Osaka 540-0037 (JP).
- (81) CN KR US; EP (DE FR GB).
-
- (51)⁷ **B32B 15/02, B21F 19/00**
- (11) **WO 00/15429** (13) A1
- (21) PCT/US99/21409
- (22) **16 Sep/sep 1999 (16.09.1999)**
- (25) en (26) en
- (30) 09/154,417 **16 Sep/sep 1998** US (16.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • COMPOSITE WIRE WITH NOBLE METAL CLADDING
- FIL COMPOSITE COMPRENANT UNE GAINE EN METAL NOBLE
- (63) US 09/154,417 (CON) 16 Sep/sep 1998 (16.09.1998)
- (71) **KULICKE & SOFFA INVESTMENTS, INC.** [US/US]; 2101 Blair Mill Road, Willow Grove, PA 19090 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SEUNTIENS, Jeffrey, M.** [US/SG]; 73 Nim Road, #07-03, Singapore 807854 (SG).
- (74) **BUTCH, Peter, J. III** et al. / etc.; Synnstedt & Lechner LLP, 2600 Aramark Tower, Philadelphia, PA 19107 (US).
- (81) CN JP KR SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (51)⁷ **B32B 27/20, G03G 8/00**
- (11) **WO 00/15430** (13) A1
- (21) PCT/US99/20688
- (22) **9 Sep/sep 1999 (09.09.1999)**
- (25) en (26) en
- (30) 60/100,011 **11 Sep/sep 1998** US (11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD OF PREPARING MULTILAYER ARTICLES HAVING PRINTED IMAGES VISIBLE ON TWO OPPOSING SURFACES
- PROCEDE D'ELABORATION D'ARTICLES MULTICOUCHES COMPORTANT DES IMAGES IMPRIMEES VISIBLES SUR DEUX SURFACES OPPOSEES
- (71) **IMATION CORP.** [US/US]; 1 Imation Place, P.O. Box 64898, Saint Paul, MN 55164-0898 (US).
- (72) **BAKER, James, A.**; P.O. Box 64898, Saint Paul, MN 55164-0898 (US). **IZZI, Guglielmo**; P.O. Box 64898, Saint Paul, MN 55164-0898 (US). **MORRISON, Eric, D.**; P.O. Box 64898, Saint Paul, MN 55164-0898 (US).
- (74) **BAUER, William, D.** et al. / etc.; Imation Legal Affairs, P.O. Box 64898, Saint Paul, MN 55164-0898 (US).
- (81) JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (51)⁷ **B32B 29/00, B65D 77/20, 65/40**
- (11) **WO 00/15431** (13) A1
- (21) PCT/DK99/00488
- (22) **15 Sep/sep 1999 (15.09.1999)**
- (25) da (26) en
- (30) PA 1998 01160 **15 Sep/sep 1998** DK (15.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • PACKING TRAY AND METHOD FOR ITS PRODUCTION AND USE
- BARQUETTE D'EMBALLAGE ET SES PROCEDES DE FABRICATION ET D'UTILISATION
- (71, 72) **PEDERSEN, Steen** [DK/DK]; Strandpromenaden 25, DK-6710 Esbjerg V (DK).
- (74) **PATRADE A/S**; Aaboulevarden 21, DK-8000 Aarhus C (DK).

- (81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁶ **B32B 31/00**
- (11) **WO 00/15432** (13) A1
- (21) PCT/US99/18867
- (22) **18 Aug/août 1999 (18.08.1999)**
- (25) en (26) en
- (30) 09/153,614 **15 Sep/sep 1998 US (15.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • IMPROVED LOW PRESSURE ACTUATED LABELING APPARATUS
• DISPOSITIF D'ETIQUETAGE AMELIORE COMMANDE PAR FAIBLE PRESSION
- (71) **ESCO ELECTRONICS CORPORATION** [US/US]; 8888 Ladue Road, Suite 200, St. Louis, MO 63124 (US).
- (72) **STROHMEYER, James, J.**; 218 Westridge Parc Lane, Ballwin, MO 63021 (US). **WRIGHT, Donald, C.**; 3623 Grant Street, Orlando, FL 32812 (US). **CROSSLAND, Ken**; 876 Chokecherry Drive, Winter Springs, FL 32708 (US).
- (74) **MULLER, J., Joseph**; Polster, Lieder, Woodruff & Lucchesi, L.C., 763 South New Ballas Road, St. Louis, MO 63141 (US).
- (81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (a)
- (51)⁶ **B32B 31/20, C09K 19/38**
- (11) **WO 00/15433** (13) A1
- (21) PCT/US99/09556
- (22) **30 Apr/avr 1999 (30.04.1999)**
- (25) en (26) en
- (30) 09/151,536 **11 Sep/sep 1998 US (11.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • A LIQUID CRYSTAL POLYMER *IN SITU* COATING FOR CO-CURED COMPOSITE STRUCTURE
• APPLICATION IN SITU DE REVELEMENTS POLYMERES A CRISTAUX LIQUIDES SUR DES STRUCTURES COMPOSITES DURCIES PAR CUISSON CONJOINTE
- (71) **NORTHROP GRUMMAN CORPORATION** [US/US]; 1840 Century Park East, Los Angeles, CA 92653 (US).
- (72) **CLARKE, James, A., L.**; 30 Stratford Avenue, Greenlawn, NY 11740 (US).
- (74) **ANDERSON, Terry, J.**; Northrop Grumman Corporation, 1840 Century Park East, Los Angeles, CA 90067-2199 (US) et al. / etc.
- (81) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- (51)⁷ **B41C 1/045**
- (11) **WO 00/15434** (13) A1
- (21) PCT/DE99/02550
- (22) **14 Aug/août 1999 (14.08.1999)**
- (25) de (26) de
- (30) 198 41 602.4 **11 Sep/sep 1998 DE (11.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD FOR ENGRAVING PRINTING CYLINDERS
• PROCEDE DE GRAVURE DE CYLINDRES D'IMPRESSION
- (71) **HEIDELBERGER DRUCKMASCHINEN AG** [DE/DE]; Kurfürsten-Anlage 52-60, D-69115 Heidelberg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WEIDLICH, Ernst-Rudolf, Gottfried** [DE/DE]; Fliegenger Holländer 29, D-24154 Kiel (DE).
- (74) **HEIDELBERGER DRUCKMASCHINEN AG**; TPT - R4, Schafer Klaus, Siemenswall, D-24107 Kiel (DE).
- (81) CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
- (51)⁷ **B41C 1/10, B41N 1/00**
- (11) **WO 00/15435** (13) A1
- (21) PCT/US99/20837
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 09/151,497 **11 Sep/sep 1998 US (11.09.1998)**
- (30) 09/390,553 **3 Sep/sep 1999 US (03.09.1999)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • LITHOGRAPHIC IMAGING WITH CONSTRUCTIONS HAVING INORGANIC OLEOPHILIC LAYERS
• IMAGERIE LITHOGRAPHIQUE COMPRENANT DES STRUCTURES DO-TEES DE COUCHES OLEOPHILES INORGANIQUES
- (71) **PRESSTEK, INC.** [US/US]; 18 Hampshire Drive, Hudson, NH 03051 (US).
- (72) **ELLIS, Ernest, W.**; 4 Old Meadow Lane, Harvard, MA 01451 (US).
- (74) **FRANK, Steven, J.** et al. / etc.; Cesari and McKenna, LLP, 30 Rowes Wharf, Boston, MA 02110 (US).
- (81) AL AU BA BB BG BR CA CN CU CZ EE GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA UZ VN YU; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)⁷ **B41F 15/42, H05K 3/12**
- (11) **WO 00/15436** (13) A1
- (21) PCT/GB99/02953
- (22) **6 Sep/sep 1999 (06.09.1999)**
- (25) en (26) en
- (30) 9819625.6 **10 Sep/sep 1998 GB (10.09.1998)**
- (30) 9825158.0 **18 Nov/nov 1998 GB (18.11.1998)**
- (30) 9827763.5 **18 Dec/déc 1998 GB (18.12.1998)**
- (30) 9903146.0 **12 Feb/fév 1999 GB (12.02.1999)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD AND APPARATUS FOR APPLYING A VISCOUS OR PASTE MATERIAL ONTO A SUBSTRATE
• PROCEDE ET DISPOSITIF D'APPLICATION D'UN MATERIAU PATEUX OU VISQUEUX SUR UN SUBSTRAT
- (71) **CROSSFLOW INTERNATIONAL LIMITED** [GB/GB]; 94 Wilderspool Causeway, Warrington WA4 6PU (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WILLIAMS, David, Godfrey** [GB/GB]; 6A Courtenay Road, Hoylake, Wirral, Merseyside CH47 1HD (GB).
- (74) **GILMOUR, David, C., F.**; Potts, Kerr & Co., 15 Hamilton Square, Birkenhead, Merseyside CH41 6BR (GB).

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

(51)⁷ B41J

(11) WO 00/15437 (13) A2

(21) PCT/US99/21197

(22) 15 Sep/sep 1999 (15.09.1999)

(25) en (26) en

(30) 09/153,726 15 Sep/sep 1998 US (15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD AND APPARATUS FOR CUSTOMIZED CONTROL OF A PRINT CARTRIDGE

• PROCEDE ET DISPOSITIF POUR LA GESTION PERSONNALISEE DE CARTOUCHES D'IMPRIMANTE

(71) LEXMARK INTERNATIONAL, INC. [US/US]; 740 West New Circle Road, Lexington, KY 40550 (US).

(72) ANDERSON, Frank, Edward; 700 Davis-Turkeyfoot Road, Sadieville, KY 40370 (US). COOK, Paul, Albert; 3446 Havelock Circle, Lexington, KY 40503 (US). EADE, Jon, Thomas; 4105 Bridgemont Lane, Lexington, KY 40515 (US).

(74) LAMBERT, D., Brent; Lexmark International, Inc., 740 West New Circle Road, Lexington, KY 40550 (US).

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

(51)⁶ B41J 2/01

(11) WO 00/15438 (13) A1

(21) PCT/JP99/04940

(22) 10 Sep/sep 1999 (10.09.1999)

(25) ja (26) ja

(30) 10/274379 10 Sep/sep 1998 JP (10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • PRINTING DATA TRANSFER METHOD AND PRINTER

• PROCEDE DE TRANSFERT DE DONNEES D'IMPRESSION ET IMPRIMANTE A CET EFFET

(71) COPYER CO., LTD. [JP/JP]; 3-3, Shimorenjaku 6-chome, Mitaka-shi, Tokyo 181-8520 (JP).

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

(72, 75) SUGIYAMA, Yuichi [JP/JP]; Copyer Co. Ltd., 3-3, Shimorenjaku 6-chome, Mitaka-shi, Tokyo 181-8520 (JP). FUKUDA, Michitaka [JP/JP]; Copyer Co., Ltd., 3-3, Shimorenjaku 6-chome, Mitaka-shi, Tokyo 181-8520 (JP).

(74) YAMANO, Mutsuhiko; Room 701, Sumino-Fujisawa, 518, Fujisawa, Fujisawa-shi, Kanagawa 251-0052 (JP).

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

(51)⁶ B41J 2/06, 2/205

(11) WO 00/15439 (13) A1

(21) PCT/JP99/04870

(22) 8 Sep/sep 1999 (08.09.1999)

(25) ja (26) ja

(30) 10/257833 11 Sep/sep 1998 JP (11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • INK-JET RECORDER

• DISPOSITIF D'ENREGISTREMENT PAR JET D'ENCRE

(71) HITACHI, LTD. [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP).

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

(72, 75) FUKANO, Yoshinobu [JP/JP]; Hitachi, Ltd., Hitachi Research Laboratory, 1-1, Omikacho 7-chome, Hitachi-shi, Ibaraki 319-1292 (JP). LEE, Chahn [KR/JP]; Hitachi, Ltd., Hitachi Research Laboratory, 1-1, Omikacho 7-chome, Hitachi-shi, Ibaraki 319-1292 (JP). ONOSE, Atsushi [JP/JP]; Hitachi, Ltd., Hitachi Research Laboratory, 1-1, Omikacho 7-chome, Hitachi-shi, Ibaraki 319-1292 (JP). OKANO, Mamoru [JP/JP]; Hitachi, Ltd., Hitachi Research Laboratory, 1-1, Omikacho 7-chome, Hitachi-shi, Ibaraki 319-1292 (JP). FUJIWARA, Shigetaka [JP/JP]; Hitachi, Ltd., Hitachi Research Laboratory, 1-1, Omikacho 7-chome, Hitachi-shi, Ibaraki 319-1292 (JP).

(74) SAKUTA, Yasuo; Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220 (JP).

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

(51)⁷ B41J 2/175

(11) WO 00/15440 (13) A1

(21) PCT/DE99/02481

(22) 9 Aug/août 1999 (09.08.1999)

(25) de (26) de

(30) 198 42 445.0 16 Sep/sep 1998 DE (16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • INK JET PRINTER WITH A HOLDER FOR A PRINTING-INK CONTAINER

• IMPRIMANTE A JET D'ENCRE POUR VUE D'UN SUPPORT POUR CONTENANT A ENCRE D'IMPRESSION

(71) SIEMENS NIXDORF RETAIL AND BANKING SYSTEMS GMBH [DE/DE]; Heinz-Nixdorf-Ring 1, D-33106 Paderborn (DE).

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

(72, 75) BAITZ, Günter [DE/DE]; Schwiegers-teig 18, D-13629 Berlin (DE). MALKE, Wolfgang [DE/DE]; Hainbuchenstrasse 47, D-13465 Berlin (DE).

(74) SIEMENS NIXDORF RETAIL AND BANKING SYSTEMS GMBH; Postfach 22 13 17, D-80503 München (DE).

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

Published / Publiée : (c)

(51)⁶ B41J 2/175

(11) WO 00/15441 (13) A1

(21) PCT/JP99/05002

(22) 13 Sep/sep 1999 (13.09.1999)

(25) ja (26) ja

(30) 10/260052 14 Sep/sep 1998 JP (14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • INK CARTRIDGE AND RECORDER

• CARTOUCHE D'ENCRE ET ENREGISTREUR

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

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

(72, 75) SHINADA, Satoshi [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP).

(74) SUZUKI, Kisaburo et al. / etc.; Seiko Epson Corporation, Intellectual Property Dept., 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP).

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

(51)⁶ B41J 5/30, 21/00, G06F 3/12, H04N 1/387

(11) WO 00/15442 (13) A1

(21) PCT/JP99/05042

- (22) **16 Sep/sep 1999 (16.09.1999)**
(25) ja (26) ja
(30) 10/262128 **16 Sep/sep 1998** JP
(16.09.1998)
(30) 11/246441 **31 Aug/août 1999** JP
(31.08.1999)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **PRINTER, IMAGE PROCESSING DEVICE, IMAGE PROCESSING METHOD, AND RECORDING MEDIUM**
• **IMPRIMANTE, DISPOSITIF DE TRAITEMENT D'IMAGES, PROCEDE DE TRAITEMENT D'IMAGES ET SUPPORT D'ENREGISTREMENT**
- (71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0811 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NITTA, Takashi** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP).
- (74) **SATO, Kazuo** et al. / etc.; Kyowa Patent & Law Office, Room 323, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
- (81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (51)⁷ **B41K 3/56**
(11) **WO 00/15443** (13) A1
(21) PCT/GB99/03005
(22) **9 Sep/sep 1999 (09.09.1999)**
(25) en (26) en
(30) 9819623.1 **10 Sep/sep 1998** GB
(10.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **AN INK CAPSULE FOR A PRINTER**
• **CAPSULE D'ENCRE POUR IMPRIMANTE**
- (71) **CAP CODER LTD.** [GB/GB]; Unit 42, Monument Industrial Park, Chalgrove, Oxford OX44 7RW (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KENNEY, Christopher, Thomas** [GB/GB]; 26 Highworth Close, High Wycombe, Buckinghamshire HP13 7PJ (GB).
- (74) **STANLEY, Michael, Gordon**; P.O. Box 270, Banbury, Oxfordshire OX15 6YL (GB).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)⁷ **B41M 3/12, 5/40, 9/02, B44C 1/17**
(11) **WO 00/15444** (13) A2
(21) PCT/US99/20850
(22) **10 Sep/sep 1999 (10.09.1999)**
(25) en (26) en
(30) 09/152,421 **14 Sep/sep 1998** US
(14.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **FABRIC TRANSFER SYSTEM AND METHOD**
• **PROCEDE ET SYSTEME DE TRANSFERT SUR UN TISSU**
- (71, 72) **KANTROWITZ, Jack** [US/US]; 7430 S.W. 131st Street, Miami, FL 33156 (US).
- (74) **HARTT, Jacqueline, E.**; Allen, Dyer, Doppelt, Milbrath & Gilchrist, P.A., Suite 1401, 255 South Orange Avenue, P.O. Box 3791, Orlando, FL 32802-3791 (US).
- (81) AU CA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (51)⁷ **B41M 5/38, 5/00, D06P 5/00**
(11) **WO 00/15445** (13) A1
(21) PCT/US99/20823
(22) **10 Sep/sep 1999 (10.09.1999)**
(25) en (26) en
(30) 09/150,983 **10 Sep/sep 1998** US
(10.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **IMAGE TRANSFER SHEET**
• **FEUILLE DE TRANSFERT D'IMAGE**
- (63) US 09/150,983 (CIP)
10 Sep/sep 1998 (10.09.1998)
- (71) **AMERICAN COATING TECHNOLOGY, INC.** [US/US]; 3431 Hogarth Street, P.O. Box 1225, Eau Claire, WI 54702-1525 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DALVEY, Jodi, A.** [US/US]; 3230 Bohns Point Lane, Orono, MN 55331 (US).
NASSER, Nabill, F. [US/US]; 121 South Washington, No. 1106, Minneapolis, MN 55401 (US).
- (74) **VIKSNINS, Ann, S.**; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)⁶ **B41M 5/40, B29C 55/12, B32B 27/36**
(11) **WO 00/15446** (13) A1
(21) PCT/JP99/04953
(22) **10 Sep/sep 1999 (10.09.1999)**
(25) ja (26) ja
(30) 10/258489 **11 Sep/sep 1998** JP
(11.09.1998)
(30) 10/273145 **28 Sep/sep 1998** JP
(28.09.1998)
(30) 10/275419 **29 Sep/sep 1998** JP
(29.09.1998)
(30) 10/285075 **7 Oct/oct 1998** JP
(07.10.1998)
(30) 10/324928 **16 Nov/nov 1998** JP
(16.11.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **BIAXIALLY ORIENTED POLYESTER FILM FOR RIBBON FOR USE IN THERMAL TRANSFER RECORDING, AND LAMINATED FILM COMPRISING THE SAME AND METHOD FOR MANUFACTURE THEREOF**
• **FILM POLYESTER ORIENTE BIAxiaLEMENT POUR RUBAN UTILISE DANS L'ENREGISTREMENT PAR TRANSFERT THERMIQUE, FILM STRATIFIE LE CONTENANT ET SON PROCEDE DE PRODUCTION**
- (71) **TEIJIN LIMITED** [JP/JP]; 6-7, Minamihommachi 1-chome, chuo-ku, Osaka-shi, Osaka 541-0054 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WATANABE, Shinya** [JP/JP]; Teijin Limited, Sagamihara Research Center, 37-19, Oyama 3-chome, Sagamihara-shi, Kanagawa 229-1105 (JP).
FURUYA, Koji [JP/JP]; Teijin Limited, Sagamihara Research Center, 37-19, Oyama 3-chome, Sagamihara-shi, Kanagawa 229-1105 (JP).
KAWAI, Shinichi [JP/JP]; Teijin Limited, Sagamihara Research Center, 37-19, Oyama 3-chome, Sagamihara-shi, Kanagawa 229-1105 (JP).
SUZUKI, Kenji [JP/JP]; Teijin Limited, 1-1, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo 100-0011 (JP).
- (74) **MAEDA, Sumihiro**; Teijin Limited, Intellectual Property Center, 1-1, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo 100-0011 (JP).
- (81) CA KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (51)⁶ **B42D 3/00, B42F 3/00**
(11) **WO 00/15447** (13) A1
(21) PCT/US99/21371
(22) **15 Sep/sep 1999 (15.09.1999)**
(25) en (26) en
(30) 09/153,584 **15 Sep/sep 1998** US
(15.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)

(54) • FOLIO WITH THREE-PART STIFFENER AND VIEWING POCKETS

- DOSSIER COMPRENANT UN RENFORT EN TROIS PARTIES ET DES ENVELOPPES TRANSPARENTES

(71, 72) **ABBOTT, Marc, D.** [US/US]; 17185 Walnut Street, Yorba Linda, CA 92886 (US).

(74) **SCOTT, Gene**; Patent Law & Venture Group, 3151 Airway Avenue, Suite K-105, Costa Mesa, CA 92626-4613 (US).

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

(51)⁷ **B42F**

(11) **WO 00/15448** (13) A2

(21) PCT/US99/20592

(22) **8 Sep/sep 1999 (08.09.1999)**

(25) en (26) en

(30) 09/152,255 **14 Sep/sep 1998** US
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- STACK DIVIDER
- DIVISEUR DE PILE

(71) **ACCO BRANDS, INC.** [US/US]; 300 Tower Parkway, Lincolnshire, IL 60069 (US).

(72) **HOLGUIN, Roberto**; 532 W. Roscoe Street, Chicago, IL 60657-3531 (US). **KEMPKEN, Adriane**; 2443 N. Francisco, Chicago, IL 60647 (US). **STEINER, Denise**; Apartment 803, 425 W. Surf, Chicago, IL 60657 (US). **SCHEDLER, Ana**; 2038 West Le Moyne #2F, Chicago, IL 60622 (US). **MELAMED, Meeyoung, Chung**; 2935 West Belden Avenue, Chicago, IL 60647 (US). **CECALA, Fred, Edward**; 807 S. We-Go Trail, Mount Prospect, IL 60056 (US).

(74) **JONES, Harry, C., III** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

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

(51)⁶ **B60C 9/00, 9/04, 9/08, D02G 3/48**

(11) **WO 00/15449** (13) A1

(21) PCT/US98/19079

(22) **15 Sep/sep 1998 (15.09.1998)**

(25) en (26) en

(43) 23 Mar/mar 2000 (23.03.2000)

- TIRES WITH PEN REINFORCEMENT
- PNEUS RENFORCES AUX POLY-ETHYLENES NAPHTHALATES (PEN)

(71) **THE GOODYEAR TIRE & RUBBER COMPANY** [US/US]; D/823, 1144 East Market Street, Akron, OH 44316-0001 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SYKORA, James, Cletus** [US/US]; 1649 Plateau Street, N.E., Uniontown, OH 44685 (US). **WESTGATE, Walter, Kevin**

[US/US]; 1961 Gulf Street, Uniontown, OH 44685 (US). **HAMIEL, Charles, Elmer** [US/US]; 3745 Silvercrest Drive, Stow, OH 44224 (US).

(74) **WHEELER, David, E.**; The Goodyear Tire & Rubber Company, Dept. 823, 1144 East Market Street, Akron, OH 44316-0001 (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 GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **B60C 23/00**

(11) **WO 00/15450** (13) A1

(21) PCT/AT99/00221

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) de (26) de

(30) GM 601/98 **11 Sep/sep 1998** AT
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- AUTOMOBILE WHEEL UNIT WITH TIRE INFLATION SYSTEM

- UNITE DE ROUE POUR VEHICULE AVEC SYSTEME DE GONFLAGE DES PNEUMATIQUES

(71) **STEYR-DAIMLER-PUCH SPEZIAL-FAHRZEUG AG & CO. KG** [AT/AT]; 2. Haidequerstrasse 3, A-1111 Wien (AT). **VOLKSWAGEN AG** [DE/DE]; D-38436 Wolfsburg (DE).

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

(72, 75) **SKOFF, Gerhard** [AT/AT]; Maurer Lange Gasse 98/H20, A-1230 Wien (AT). **CHRISTELY, Heinz** [AT/AT]; Bahnstrasse 1, A-2125 Neubau (AT). **STRASSER, Alfred** [AT/AT]; Hutkoglweg 17, A-7203 Wiesen (AT). **KRAUSS, Andreas** [DE/DE]; Beerbüsche 5, D-38551 Ribbesbüttel (DE).

(74) **KOVAC, Werner**; Steyr-Daimler-Puch AG, Franz-Josefs-Kai 51, A-1010 Wien (AT).

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

Published / Publiée : (c)

(51)⁷ **B60C 23/00**

(11) **WO 00/15451** (13) A1

(21) PCT/SE99/01574

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) sv (26) en

(30) 9803076-0 **11 Sep/sep 1998** SE
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- SWIVEL CONNECTION FOR CONTROLLING OF THE AIR PRESSURE IN A TYRE FOR A VEHICLE

- RACCORD PIVOTANT PERMETTANT DE REGULER LA PRESSION DE GONFLAGE D'UN PNEU DE VEHICULE

(71) **INNOVATIONSSUPPORT AB** [SE/SE]; Fabriksgatan 16, S-633 46 Eskilstuna (SE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ARVIDSSON, Sören** [SE/SE]; Aspedal, Jäder, S-635 05 Eskilstuna (SE). **LINDELL, Anders** [SE/SE]; Rosendal, S-610 50 Jönåker (SE).

(74) **WÄRULF, Olov**; Oxelösunds Patentbyrå AB, Sköldvägen 36, S-613 37 Oxelösund (SE).

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

Published / Publiée : (c)

(51)⁷ **B60G 17/015**

(11) **WO 00/15452** (13) A1

(21) PCT/EP99/06065

(22) **19 Aug/août 1999 (19.08.1999)**

(25) de (26) de

(30) 198 41 751.9 **11 Sep/sep 1998** DE
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- LEVEL ADJUSTMENT DEVICE

- DISPOSITIF DE CORRECTION D'ASSIETTE

(71) **BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT** [DE/DE]; Petuelring 130, D-80809 München (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOCHERSCHIEDT, Hans** [DE/DE]; Behringstrasse 81, D-80999 München (DE). **EILETZ, Richard** [DE/DE]; Prager Strasse 11, D-82008 Unterhaching (DE).

(74) **ZOLLNER, Richard**; Bayerische Motoren Werke Aktiengesellschaft, Patentabteilung AJ-3, D-80788 München (DE).

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

Published / Publiée : (c)

(51)⁷ **B60J 5/04**

(11) **WO 00/15453** (13) A1

(21) PCT/CA99/00841

(22) **14 Sep/sep 1999 (14.09.1999)**

- (25) en (26) en
- (30) 60/100,570 **16 Sep/sep 1998** US
(16.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • VEHICLE DOOR REINFORCING BEAM AND METHOD OF MAKING IT
• BARRE DE RENFORCEMENT DE PORTIERE DE VEHICULE ET SON PROCEDE DE FABRICATION
- (71) **COSMA INTERNATIONAL INC.** [CA/CA]; 337 Magna Drive, Aurora, Ontario L4G 7K1 (CA).
- (72) **MELLIS, Jay**; 11154 Marino Drive, Romeo, MI 48065 (US).
- (74) **IMAI, Jeffrey, T.**; Magna International Inc., 337 Magna Drive, Aurora, Ontario L4G 7K1 (CA).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **B60J 5/04**
- (11) **WO 00/15454** (13) A1
- (21) PCT/US99/20937
- (22) **13 Sep/sep 1999 (13.09.1999)**
- (25) en (26) en
- (30) 09/152,780 **14 Sep/sep 1998** US
(14.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • VEHICLE CLOSURE PANEL HAVING AN INTRUSION BEAM AS PRIMARY STRUCTURE
• PANNEAU DE FERMETURE DE VEHICULE POSSEDANT UNE STRUCTURE PRIMAIRE ALLONGEE ANTI-COLLISION
- (71) **JOALTO DESIGN, INC.** [US/US]; 20900 Bridge Street, Southfield, MI 48304 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TOWNSEND, John, A.** [GB/US]; 3150 Kernway Drive, Bloomfield Hills, MI 48304 (US). **EL-SAYED, Mohamed** [US/US]; 1720 Cedar Shake Drive, Bloomfield Hills, MI 48302 (US).
- (74) **STEWART, Michael, B.**; Rader, Fishman & Grauer PLLC, Suite 140, 1533 North Woodward Avenue, Bloomfield Hills, MI 48304 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **B60L 11/18, B60K 17/10, F16H 61/40**
- (11) **WO 00/15457** (13) A1
- (21) PCT/SE99/01575
- (22) **9 Sep/sep 1999 (09.09.1999)**
- (25) sv (26) en
- (30) 9803062-0 **10 Sep/sep 1998** SE
(10.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • DRIVING MEANS
• MOYENS D'ENTRAINEMENT
- (71, 72) **ELFSTRÖM, Svein** [SE/SE]; Norra Sävsviksvägen 13, S-423 53 Torslanda (SE).
- (74) **GÖTEBORGS PATENTBYRÅ DAHLS AB**; Sjöporten 4, S-417 64 Göteborg (SE).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁶ **B60N 2/08**
- (11) **WO 00/15458** (13) A1
- (21) PCT/JP99/04852
- (22) **7 Sep/sep 1999 (07.09.1999)**
- (25) ja (26) ja
- (30) 10/261169 **16 Sep/sep 1998** JP
(16.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • SLIDE DEVICE OF VEHICLE SEAT
• GLISSIERE POUR SIEGE D'AUTOMOBILE
- (71) **TOYO SEAT CO., LTD.** [JP/JP]; 14-7, Nishitemma 5-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FUJII, Hirotohi** [JP/JP]; Toyo Seat Co., Ltd., Hiroshima Factory, 6-25, Kuninobu 1-chome, Kaita-cho, Aki-gun, Hiroshima 736-0002 (JP).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **B60L 3/00, 9/00, G01R 31/00**
- (11) **WO 00/15456** (13) A1
- (21) PCT/DE99/02705
- (22) **30 Aug/août 1999 (30.08.1999)**
- (25) de (26) de
- (30) 198 41 715.2 **11 Sep/sep 1998** DE
(11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • MONITORING METHOD AND MONITORING DEVICE FOR A FILTER
• PROCEDE DE SURVEILLANCE ET DISPOSITIF DE SURVEILLANCE POUR UN FILTRE
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(74) **OHAMA, Hiroshi**; Room 304, Kagawa Industrial Intelligence Center Building, 2217-15, Hayashi-cho, Takamatsu-shi, Kagawa 761-0301 (JP).

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

(51)⁶ **B60N 2/44**

(11) **WO 00/15459** (13) A1

(21) PCT/EP98/05771

(22) **10 Sep/sep 1998 (10.09.1998)**

(25) de (26) de

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR PRODUCING A FOAMED BODY PART, ESPECIALLY A FOAMED UPHOLSTERY PART FOR AN AUTOMOBILE SEAT

• PROCEDE DE PRODUCTION D'UNE PARTIE DE CORPS EN MOUSSE, EN PARTICULIER D'UNE PARTIE EN MOUSSE DE REMBOURRAGE POUR UN SIEGE DE VEHICULE

(71) **GOTTLIEB BINDER GMBH & CO.** [DE/DE]; Bahnhofstrasse 19, D-71088 Holzgerlingen (DE).

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

(72, 75) **SCHULTE, Axel** [DE/DE]; Karlstrasse 12, D-71088 Holzgerlingen (DE).
TUMA, Jan [DE/DE]; Marchwitzstrasse 48, D-12681 Berlin (DE).

(74) **BARTELS UND PARTNER**; Lange Strasse 51, D-70174 Stuttgart (DE).

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

(51)⁶ **B60P 3/04, A01K 1/00, 3/00, 31/07**

(11) **WO 00/15460** (13) A1

(21) PCT/US99/18843

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 09/151,992 **11 Sep/sep 1998** US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • PORTABLE PEN FOR SHIPPING LIVESTOCK BY CONTAINER SHIP, RAIL AND TRUCK

• BETAILLERE TRANSPORTABLE PERMETTANT L'EXPEDITION DE BETAİL PAR NAVIRE PORTE-CONTENEURS, TRAIN ET CAMION

(71, 72) **CRAIG, Peter, C.** [US/US]; 36080 Russell Boulevard, Davis, CA 95616 (US).

(74) **CYPHER, Charles, R.**; Suite 1607, 405 14th Street, Oakland, CA 94612 (US) et al. / etc.

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

(51)⁶ **B60P 7/04**

(11) **WO 00/15461** (13) A1

(21) PCT/US99/20821

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 60/100,039 **11 Sep/sep 1998** US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • COMBINATION OF A LOCKABLE, SOFT TONNEAU COVER AND LOCKABLE TAILGATE

• COMBINAISON DE BACHE SOUPLE ET DE PORTE ARRIERE POUVANT ETRE VERROUILLEES

(71) **BESTOP, INC.** [US/US]; 2100 W. Midway Boulevard, Broomfield, CO 80020 (US).

(72) **HUOTARI, Keijo, J.**; 12434 Orchardwood Drive, Fenton, OH 48430 (US).

(74) **CARSON, W., Scott** et al. / etc.;; Dorr, Carson, Sloan & Birney, P.C., 3010 E. 6th Avenue, Denver, CO 80206 (US).

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

(51)⁶ **B60Q 1/00**

(11) **WO 00/15462** (13) A1

(21) PCT/US99/19223

(22) **24 Aug/août 1999 (24.08.1999)**

(25) en (26) en

(30) 09/153,654 **15 Sep/sep 1998** US
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • SYSTEMS AND COMPONENTS FOR ENHANCING REAR VISION FROM A VEHICLE

• SYSTEMES ET COMPOSANTS POUR L'AMELIORATION DE LA VISION DE L'ARRIERE D'UN VEHICULE

(71) **GENTEX CORPORATION** [US/US]; 600 North Centennial Street, Zeeland, MI 49464 (US).

(72) **BAUER, Frederick, T.**; 236 Dyken Avenue, Holland, MI 49424 (US). **BAUER, Lois**; 236 Dyken Avenue, Holland, MI 49424 (US). **ROBERTS, John, K.**; 1061 Plymouth Avenue, S.E., East Grand Rapids, MI 49506 (US). **STAM, Joseph, S.**; 345 South Lakeshore Drive, Holland, MI 49424 (US).

(74) **CARRIER, Robert, J.**; Price, Heneveld, Cooper, DeWitt & Litton, 695 Kenmoor, S.E., P.O. Box 2567, Grand Rapids, MI 49501 (US).

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

(51)⁷ **B60Q 1/22, 1/14**

(11) **WO 00/15463** (13) A1

(21) PCT/US99/11063

(22) **13 May/mai 1999 (13.05.1999)**

(25) en (26) en

(30) 09/153,351 **15 Sep/sep 1998** US
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • LIGHT ACTIVATED BACK-UP ALARM

• AVERTISSEUR SONORE DE RECUŁ ACTIVE PAR LE PHARE DE RECUŁ

(71) **PRECO NEW PRODUCTS CORP.** [US/US]; 415 North Maple Grove, Boise, ID 83704-8241 (US).

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

(72, 75) **PETERSON, Edwin, R.** [US/US]; 4420 Hillcrest, Boise, ID 83705 (US). **WHEELER, Edwin, Lee** [US/US]; 1865 North Summertree Way, Meridian, ID 83642 (US). **STEWART, James, E.** [US/US]; 415 North Maple Grove, Boise, ID 83704-8241 (US).

(74) **DYKAS, Frank, J.**; P.O. Box 877, Boise, ID 83701-0877 (US).

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

(51)⁶ **B60Q 11/00, B60T 17/22**

(11) **WO 00/15464** (13) A1

(21) PCT/AU99/00752

(22) **10 Sep/sep 1999 (10.09.1999)**

- (25) en (26) en (43) 23 Mar/mar 2000 (23.03.2000) (51)⁷ **B60R 21/20**
- (30) 83226/98 **10 Sep/sep 1998** AU (11) **WO 00/15468** (13) A1
(**10.09.1998**)
- (43) 23 Mar/mar 2000 (23.03.2000) (21) PCT/DE99/02957
- (54) • ELECTRICAL TELL TALE SYSTEM FOR TRAILERS (22) **10 Sep/sep 1999 (10.09.1999)**
- SYSTEME DE VOYANTS ELECTRIQUES POUR REMORQUES (25) de (26) de
- (71, 72) **GRAVOLIN, Dennis, Ronald** (30) 198 43 214.3 **15 Sep/sep 1998** DE
[AU/AU]; 271 River Street, Maclean, (15.09.1998)
NSW 2463 (AU).
- (71) **IWS INTERNATIONAL INC.** [FI/FI]; Posantie 10, FIN-90650 Oulu (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- (72, 75) **POHJOLA, Jorma** [FI/FI]; Hailuodontie 438, FIN-90470 Varjakkka (FI).
- Published / Publiée : (b)
- (74) **OLLIKAINEN, Rauno** et al. / etc.; Leitziinger Oy, Ruoholahdenkatu 8, FIN-00180 Helsinki (FI).
- (51)⁷ **B60R 9/058**
- (11) **WO 00/15465** (13) A1
- (21) PCT/SE99/01567
- (22) **9 Sep/sep 1999 (09.09.1999)**
- (25) sv (26) en
- (30) 9803086-9 **11 Sep/sep 1998** SE
(11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • A DEVICE AT A ROOF MOUNTED LOAD CARRIER FOR VEHICLES
- DISPOSITIF DANS UN ENSEMBLE PORTEUR DE CHARGE MONTE SUR LE TOIT D'UN VEHICULE
- (71) **MONT BLANC INDUSTRI AB** [SE/SE]; Toarpsdal, S-516 90 Dalsjöfors (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ANDERSSON, Göran** [SE/SE]; Berghemsvägen 2, S-430 22 Väröbacka (SE).
- (74) **AWAPATENT AB**; P.O. Box 11394, S-404 28 Göteborg (SE).
- (81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁶ **B60R 16/02, H01R 9/03, 23/66**
- (11) **WO 00/15466** (13) A1
- (21) PCT/FI98/00709
- (22) **10 Sep/sep 1998 (10.09.1998)**
- (25) en (26) en
- (35) **DRAYER, Lonnie, R.**; Breed Automotive Technology, Inc., P.O. Box 33050, Lakeland, FL 33807-3050 (US) et al. / etc.
- (81) AT AU BR CA CZ DE ES GB JP KR MX PL RU SE; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • AIRBAG MODULE WITH A MULTITAGE GAS GENERATOR
- MODULE SAC GONFLABLE DOTE D'UN GENERATEUR DE GAZ A PLUSIEURS ETAPES
- (71) **PETRI AG** [DE/DE]; Bahnweg 1, D-63743 Aschaffenburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MALCZYK, Axel** [DE/DE]; Schlossstrasse 129, D-12163 Berlin (DE). **OSE, Falk** [DE/DE]; Max-Lingner-Strasse 19, D-13189 Berlin (DE). **SAKAGUCHI, Takashi** [JP/DE]; Am Kreuzberg 5, D-63776 Mömbris (DE).
- (74) **MAIKOWSKI & NINNEMANN**; Xantener Strasse 10, D-10707 Berlin (DE).
- (81) BR JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
- (51)⁷ **B60R 21/20**
- (11) **WO 00/15469** (13) A1
- (21) PCT/DE99/02964
- (22) **14 Sep/sep 1999 (14.09.1999)**
- (25) de (26) de
- (30) 298 16 925.8 **16 Sep/sep 1998** DE
(16.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • STEERING WHEEL WITH AN AIRBAG MODULE
- VOLANT EQUIPE D'UN MODULE SAC GONFLABLE
- (71) **PETRI AG** [DE/DE]; Bahnweg 1, D-63743 Aschaffenburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LAUE, Andreas** [DE/DE]; Spessartsstrasse 10, D-63820 Elsenfeld (DE).
- (74) **MAIKOWSKI & NINNEMANN**; Xantener Straße 10, D-10707 Berlin (DE).
- (81) BR JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
- (51)⁷ **B60R 21/20**
- (11) **WO 00/15470** (13) A1
- (21) PCT/DE99/02973
- (22) **14 Sep/sep 1999 (14.09.1999)**

- (25) de (26) de
 (30) 298 16 923.1 **16 Sep/sep 1998** DE
 (16.09.1998)
 (43) 23 Mar/mar 2000 (23.03.2000)
 (54) ● STEERING WITH AIRBAG MODULE
 ● VOLANT POURVU D'UN SAC GONFLABLE
 (71) **PETRI AG** [DE/DE]; Bahnweg 1, D-63743 Aschaffenburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **LAUE, Andreas** [DE/DE]; Spessartsstrasse 10, D-63820 Elsenfeld (DE). **BLATTNER, Joachim** [DE/DE]; Am Wingert 29, D-63857 Waldaschaff (DE). **SCHNABEL, Wilhelm** [DE/DE]; Heckenweg 1, D-63843 Niedernberg (DE).
 (74) **MAIKOWSKI & NINNEMANN**; Xantener Strasse 10, D-10707 Berlin (DE).
 (81) BR JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)⁷ B60R 21/20

- (11) **WO 00/15471** (13) A1
 (21) PCT/EP99/06357
 (22) **28 Aug/août 1999 (28.08.1999)**
 (25) de (26) de
 (30) 198 41 340.8 **10 Sep/sep 1998** DE
 (10.09.1998)
 (43) 23 Mar/mar 2000 (23.03.2000)
 (54) ● AIRBAG FOR A MOTOR VEHICLE
 ● AIRBAG POUR VEHICULE AUTOMOBILE
 (71) **VOLKSWAGEN AKTIENGESELLSCHAFT** [DE/DE]; D-38436 Wolfsburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **SPECHT, Oliver** [DE/DE]; Herzogin-Elisabeth-Strasse 9, D-38104 Braunschweig (DE). **BOSCH, Jens** [DE/DE]; Wolfsburger Strasse 29, D-38448 Wolfsburg (DE).
 (74) **VOLKSWAGEN AKTIENGESELLSCHAFT**; Brieffach 1770, D-38436 Wolfsburg (DE).
 (81) CN IN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)⁶ B60R 21/22

- (11) **WO 00/15472** (13) A1
 (21) PCT/KR99/00149
 (22) **27 Mar/mar 1999 (27.03.1999)**
 (25) en (26) en
 (30) 1998/37860 **14 Sep/sep 1998** KR
 (14.09.1998)

- (30) 1998/37861 **14 Sep/sep 1998** KR
 (14.09.1998)
 (43) 23 Mar/mar 2000 (23.03.2000)
 (54) ● DEPLOYING DIRECTION CONTROL-LABLE AIRBAG STRUCTURE
 ● DEPLOIEMENT D'UNE STRUCTURE DE COUSSIN GONFLABLE DE SECURITE ORIENTABLE
 (71) **SUNGWOO CORPORATION** [KR/KR]; 1316-17 Seocho-dong, Seocho-Ku, Seoul 137-070 (KR).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **LEE, Byung-Hun** [KR/KR]; Dae-Rim Apt., 103-1205, EungBong-dong, Sungdong-ku, Seoul 133-080 (KR). **JANG, Myun-Reun** [KR/KR]; GaYa Apt., 511-1001, SanBon-dong, Kunpo-si, KyoungGi-do 435-040 (KR).
 (74) **JUNG, Eun, Sub** et al. / etc.; Taekyung Building, 1337-32 Seocho-dong, Seocho-ku, Seoul 137-070 (KR).
 (81) CN DE JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ B60R 21/26, 21/20

- (11) **WO 00/15473** (13) A1
 (21) PCT/DE99/02430
 (22) **3 Aug/août 1999 (03.08.1999)**
 (25) de (26) de
 (30) 198 43 191.0 **15 Sep/sep 1998** DE
 (15.09.1998)
 (43) 23 Mar/mar 2000 (23.03.2000)
 (54) ● AIRBAG MODULE
 ● MODULE AIRBAG
 (71) **PETRI AG** [DE/DE]; Bahnweg 1, D-63743 Aschaffenburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **CROHN, Detlef** [DE/DE]; Schillersstrasse 21, D-13156 Berlin (DE). **SIEGMUND, Thomas** [DE/DE]; Graetschelsteig 8, D-13595 Berlin (DE). **SCHNABEL, Wilhelm** [DE/DE]; Heckenweg 1, D-63843 Niedernberg (DE).
 (74) **MAIKOWSKI & NINNEMANN**; Xantener Strasse 10, D-10707 Berlin (DE).
 (81) BR JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
 Published / Publiée : (c)

(51)⁶ B60R 21/28, 21/20, 21/16

- (11) **WO 00/15474** (13) A1
 (21) PCT/US99/14027
 (22) **22 Jun/juin 1999 (22.06.1999)**
 (25) en (26) en
 (30) 09/150,886 **10 Sep/sep 1998** US
 (10.09.1998)
 (43) 23 Mar/mar 2000 (23.03.2000)

- (54) ● BAFFLED AIRBAG
 ● AIRBAG A DEFLECTEUR
 (71) **BREED AUTOMOTIVE TECHNOLOGY, INC.** [US/US]; P.O. Box 33050, Lakeland, FL 33807-3050 (US).
 (72) **SCHIMMOLLER, Nathan, Alan**; 939 Broadacre Avenue, Clawson, MI 48017 (US). **MEHTA, Chetan**; 34522 Baypointe Drive, Sterling Heights, MI 48310 (US).
 (74) **DRAYER, Lonnie, R.**; Breed Automotive Technologie, Inc., P.O. Box 33050, Lakeland, FL 33807-3050 (US).
 (81) CA DE GB JP KR MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ B60R 22/32

- (11) **WO 00/15475** (13) A1
 (21) PCT/BR99/00056
 (22) **16 Jun/juin 1999 (16.06.1999)**
 (25) en (26) en
 (30) MU 7801669-0 **15 Sep/sep 1998** BR
 (15.09.1998)
 (43) 23 Mar/mar 2000 (23.03.2000)
 (54) ● DEVICE APPLIED TO SAFETY BELTS
 ● DISPOSITIF POUR CEINTURES DE SECURITE
 (71, 72) **MARQUES DOURADO, Marcelo** [BR/BR]; Rua Dr Homem de Melo, 1109, CEP-05007-002 São Paulo, SP (BR). **PAIVA, Leandro** [BR/BR]; Rua Dr Homem de Melo, 1109, CEP-05007-002 São Paulo, SP (BR). **PANTALEONI, Sérgio, Ricardo** [BR/BR]; Rua Dr Homem de Melo, 1109, CEP-05007-002 São Paulo, SP (BR). **DOURADO BAPTISTA, Rinaldo** [BR/BR]; Rua Dr Homem de Melo, 1109, CEP-05007-002 São Paulo, SP (BR).
 (81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ B60R 25/04, E05B 49/00

- (11) **WO 00/15476** (13) A1
 (21) PCT/EP99/06717
 (22) **10 Sep/sep 1999 (10.09.1999)**
 (25) fr (26) fr
 (30) 98/11472 **15 Sep/sep 1998** FR
 (15.09.1998)
 (43) 23 Mar/mar 2000 (23.03.2000)
 (54) ● STARTING AND LOCKING/UNLOCKING DEVICE FOR MOTOR VEHICLE
 ● DISPOSITIF DE DEMARRAGE ET DE VERROUILLAGE/DEVERROUILLAGE D'UN VEHICULE AUTOMOBILE
 (71) **SIEMENS AUTOMOTIVE S.A.** [FR/FR]; Avenue du Mirail, B.P. 1149, F-31036 Toulouse Cédex (FR).
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(72, 75) **SOLIRENNE, Didier** [FR/FR]; 5, rue d'Agen, F-31500 Toulouse (FR). **PERILLAT, Bertrand** [FR/FR]; 16, rue de la Bourse, F-31000 Toulouse (FR).

(74) **ZEDLITZ, Peter**; Siemens Automotive S.A., Postfach 22 13 17, D-80503 München (DE).

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

Published / Publiée : (c)

(51)⁷ **B60S 1/04**

(11) **WO 00/15477** (13) A1

(21) PCT/FR99/02166

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) fr (26) fr

(30) 98/11599 **15 Sep/sep 1998** FR
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • WIPER SYSTEM COMPRISING MEANS FOR FIXING BY FLANGE A MOTOR MOUNT ON A TUBULAR CROSSPIECE

• SYSTEME D'ESSUIE-GLACE COMPORTANT DES MOYENS DE FIXATION PAR BRIDE D'UN SUPPORT MOTEUR SUR UNE TRAVERSE TUBULAIRE

(71) **VALEO SYSTEMES D'ESSUYAGE** [FR/FR]; Z.A. de l'Agiot, 8, rue Louis-Lormand, F-78321 La Verrière (FR).

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(72, 75) **EUSTACHE, Jean-Pierre** [FR/FR]; 3, avenue de la Providence, F-92160 Antony (FR). **SIMON, Laurent** [FR/FR]; 36, avenue Joseph Kernel, F-78180 Montigny-le-Bretonneux (FR).

(74) **LEMAIRE, Marc**; Valeo Management Services, Service Propriété Industrielle, 2, rue André Bouille, Boîte postale 150, F-94017 Créteil (FR).

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

Published / Publiée : (c)

(51)⁷ **B60S 1/08, G01N 21/55, 21/77**

(11) **WO 00/15478** (13) A1

(21) PCT/DE99/02916

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) de (26) de

(30) 198 42 063.3 **15 Sep/sep 1998** DE
(15.09.1998)

(30) 199 43 887.0 **14 Sep/sep 1999** DE
(14.09.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • OPTICAL SENSOR
• DETECTEUR OPTIQUE

(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) **MUELLER-FIEDLER, Roland** [DE/DE]; Gartenstrasse 21, D-71229 Leonberg (DE). **SAUTTER, Helmut** [DE/DE]; Bauernstrasse 101, D-71254 Ditzingen (DE). **BERNHARD, Winfried** [DE/DE]; Steinbeisstrasse 63, D-70839 Gerlingen (DE). **MUELLER, Andre** [DE/DE]; Lorsche Weg 1, D-70839 Gerlingen (DE). **MUELLER, Lutz** [DE/DE]; Bannwaldweg 4, D-70839 Gerlingen (DE). **SCHINK, Rainer** [DE/DE]; Schubartstrasse 50, D-71229 Leonberg (DE).

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

Published / Publiée : (c)

(51)⁷ **B60S 1/52, 1/58, B05B 1/24**

(11) **WO 00/15479** (13) A1

(21) PCT/FR99/02167

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) fr (26) fr

(30) 98/11321 **10 Sep/sep 1998** FR
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • IMPROVED SPRAYING DEVICE FOR WASHING LIQUID AND WIPER BEARING SAME

• DISPOSITIF PERFECTIONNE DE PROJECTION DE LIQUIDE DE LAVAGE ET ESSUIE-GLACE PORTANT UN TEL DISPOSITIF

(71) **PAUL JOURNEE S.A.** [FR/FR]; Cavée du Château, F-60240 Reilly (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JOURNEE, Maurice** [FR/FR]; 2 Le Bois Hédouin, F-60240 Reilly (FR). **LAURIDSEN, Carsten** [FR/FR]; 12, rue Notre Dame, F-95420 Magny en Vexin (FR).

(74) **LEMAIRE, Marc**; Valeo Management Services, 2, rue André Bouille, Boîte postale 150, F-94017 Créteil (FR).

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

Published / Publiée : (c)

(51)⁷ **B60T**

(11) **WO 00/15480** (13) A2

(21) PCT/US99/14915

(22) **30 Jun/juin 1999 (30.06.1999)**

(25) en (26) en

(30) 09/108,863 **1 Jul/juil 1998** US
(01.07.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • AUTOMATIC AIR PARKING BRAKE LOCK AND METHOD

• SYSTEME ET PROCEDE DE VERROUILLAGE AUTOMATIQUE POUR FREIN A MAIN A COMMANDE PNEUMATIQUE

(71, 72) **MASLONKA, Dale** [US/US]; 17 Tara Lane, Horseshoe Bend, ID 83629 (US).

(74) **PEDERSEN, Ken, J.** et al. / etc.; Pedersen and Company, PLLC, P.O. Box 2666, Boise, ID 83701-2666 (US).

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

(51)⁷ **B61B 10/02**

(11) **WO 00/15481** (13) A1

(21) PCT/US99/18855

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 60/100,117 **14 Sep/sep 1998** US
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • MAGNETICALLY POWERED CONVEYOR SYSTEM AND METHOD

• CONVOYEUR A ENTRAINEMENT MAGNETIQUE ET PROCEDE AFFERENT

(71) **JERVIS B. WEBB INTERNATIONAL COMPANY** [US/US]; 34375 West Twelve Mile Road, Farmington Hills, MI 48331-5624 (US).

(72) **STEWART, Brian, G.**; P.O. Box 3344, Farmington Hills, MI 48333 (US).

(74) **BRODY, Christopher, W.**; Dickinson Wright PLLC, Suite 800, 1901 L Street, N.W., Washington, DC 20036-3506 (US).

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

Published / Publiée : (c)

(51)⁷ **B61D 3/18, 39/00**

(11) **WO 00/15482** (13) A1

(21) PCT/ES99/00289

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) es (26) es

(30) P 9801925 **14 Sep/sep 1998** ES
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● AUTOMATIC HINGED DEVICE PROVIDED WITH A SELF-CONTAINED SUPPLY SOURCE AND INTENDED TO BE INSTALLED TO RAILWAY CARRIAGES FOR THE TRANSPORT OF VEHICLES

● DISPOSITIF RABATTABLE AUTOMATIQUE DOTE D'UNE SOURCE D'ALIMENTATION AUTONOME CONÇU POUR LES WAGONS DE TRAIN DE TRANSPORT DE VEHICULES

(71, 72) **VIEITES PEREZ, Pablo** [ES/ES]; Calle Mauricio Farto Parra, N°2, Piso 3°B, E-15002 La Coruña (ES).

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

Published / Publiée : (c)

(51)⁷ **B61F 5/02, 5/14**

(11) **WO 00/15483** (13) A1

(21) PCT/EP99/05974

(22) **14 Aug/août 1999 (14.08.1999)**

(25) de (26) de

(30) 198 42 145.1 **15 Sep/sep 1998** DE
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● SUPPORT FOR THE SUPERSTRUCTURE OF A CARRIAGE ON A BOGIE
● SYSTEME POUR PERMETTRE L'APPUI D'UNE CAISSE SUR UN CHASSIS

(71) **MANNESMANN REXROTH AG** [DE/DE]; Jahnstrasse 3-5, D-97816 Lohr (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FRÖHLICH, Udo** [DE/DE]; Amselstrasse 18, D-97816 Lohr (DE).

(74) **MANNESMANN REXROTH AG**; Jahnstrasse 3-5, D-97816 Lohr (DE).

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

(51)⁷ **B62D 7/18**

(11) **WO 00/15484** (13) A2

(21) PCT/DE99/02704

(22) **28 Aug/août 1999 (28.08.1999)**

(25) de (26) de

(30) 198 41 811.6 **12 Sep/sep 1998** DE
(12.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● STEERING KNUCKLE

● FUSEE D'ESSIEU

(71) **ADAM OPEL AG** [DE/DE]; Patentwesen / 80-34, D-65423 Rüsselsheim (DE).

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

(72, 75) **GRAF, Gerhard** [DE/DE]; Im Waldfeld 9, D-64569 Nauheim (DE). **HARZHEIM, Lothar** [DE/DE]; Oppenheimer Strasse 75, D-55130 Mainz (DE).

(74) **ADAM OPEL AG**; Patentwesen / 80-34 (R. Bergerin), D-65423 Rüsselsheim (DE).

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

(51)⁷ **B62D 35/00**

(11) **WO 00/15485** (13) A1

(21) PCT/GB99/03029

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) 9819838.5 **12 Sep/sep 1998** GB
(12.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● IMPROVEMENTS IN OR RELATING TO MOTOR VEHICLES
● AMELIORATIONS RELATIVES AUX VEHICULES A MOTEUR

(71, 72) **STRATFORD, Brian, Stapleton** [GB/GB]; 40 Field Rise, Littleover, Derby DE23 7DE (GB).

(74) **ATKINSON, Peter, Birch**; Marks & Clerk, Sussex House, 83-85 Mosley Street, Manchester M2 3LG (GB).

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

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(51)⁷ **B62D 49/00**

(11) **WO 00/15486** (13) A1

(21) PCT/US99/19463

(22) **27 Aug/août 1999 (27.08.1999)**

(25) en (26) en

(30) 09/150,715 **10 Sep/sep 1998** US
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● IMPLEMENT TRANSPORT

● TRANSPORT D'OUTILLAGE AGRICOLE

(71, 72) **BIRCHMIER, Jerry, R.** [US/US]; 428 Elmdale Avenue, Ottumwa, IA 52501 (US).

(74) **ZARLEY, Donald, H.**; Zarley, McKee, Thomte, Voorhees & Sease, Suite 3200, 801 Grand Avenue, Des Moines, IA 50309-2721 (US).

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

Published / Publiée : (a)

(51)⁶ **B62J 7/04**

(11) **WO 00/15487** (13) A1

(21) PCT/US99/20477

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 09/151,745 **11 Sep/sep 1998** US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● MOUNTING SYSTEM FOR MOTORCYCLE SADDLE BAGS
● SYSTEME DE MONTAGE POUR SACOCHE

(71, 72) **BACHMAN, Rick, A.** [US/US]; 2224 Den Helder Drive, Modesto, CA 95356 (US).

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

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

(51)⁷ **B62K 21/16**

(11) **WO 00/15488** (13) A1

(21) PCT/GB99/02926

(22) **3 Sep/sep 1999 (03.09.1999)**

(25) en (26) en

(30) 60/100,282 **14 Sep/sep 1998** US
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● HANDLEBAR ARRANGEMENT

● SYSTEME DE GUIDON

(71, 72) **STEADMAN, William, David** [GB/US]; 111-4800 South East, Federal Highway, Stuart, FL 34997 (US).

(74) **SALES, Robert, Reginald**; Swindell & Pearson, 48 Friar Gate, Derby DE1 1GY (GB).

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

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(51)⁷ **B63B 21/00, 27/14**

(11) **WO 00/15489** (13) A1

(21) PCT/SE99/01617

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) sv (26) en

(30) 9803166-9 **17 Sep/sep 1998 SE (17.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **MOORING DEVICE**
• **DISPOSITIF D'AMARRAGE**

(71) **ÄGIR KONSULT AB** [SE/SE]; Drottvägen 2, S-181 31 Lidingö (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ENGSTRÖM, Staffan** [SE/SE]; Drottvägen 2, S-181 31 Lidingö (SE).

(74) **DR LUDWIG BRANN PATENTBYRÅ AB**; P.O. Box 17192, Maria Skolgata 83, S-104 62 Stockholm (SE).

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

(51)⁶ **B63B 35/00**

(11) **WO 00/15490** (13) A1

(21) PCT/US99/21101

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 09/152,377 **14 Sep/sep 1998 US (14.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **PHOSPHORESCENT MARINE PRODUCTS**
• **PRODUITS MARINS PHOSPHORESCENTS**

(71) **MARINEGLO CORPORATION** [US/US]; 12790 Primrose Lane, Suite 215, Eden Prairie, MN 55344 (US).

(72) **GOEDEL, John, R.**; 12790 Primrose Lane, Suite 215, Eden Prairie, MN 55344 (US).

(74) **DAIGNAULT, Ronald, A.**; Merchant, Gould, Smith, Edell, Welter & Schmidt, P.A., 3100 Norwest Center, 90 South Seventh Street, Minneapolis, MN 55402-4131 (US).

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

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(51)⁷ **B63B 59/06, B24C 3/06, 9/00, B05B 13/00 // B63C 5/02, B66F 11/04, E04G 1/18**

(11) **WO 00/15491** (13) A1

(21) PCT/US99/16723

(22) **18 Aug/août 1999 (18.08.1999)**

(25) en (26) en

(30) 09/152,691 **14 Sep/sep 1998 US (14.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **SELF-CONTAINED STAGING SYSTEM FOR CLEANING AND PAINTING BULK CARGO HOLDS**

• **SYSTEME D'APPONTEMENT AUTONOME POUR LE NETTOYAGE ET LA MISE EN PEINTURE DE SOUTES VRAC**

(71) **METRO MACHINE CORPORATION** [US/US]; Foot of Ligon Street, Norfolk, VA 23523 (US).

(72) **GOLDBACH, Richard, A.**; Foot of Ligon Street, Norfolk, VA 23523 (US). **McMICHAEL, James, A.**; Foot of Ligon Street, Norfolk, VA 23523 (US). **GARLAND, Charles, A.**; Foot of Ligon Street, Norfolk, VA 23523 (US).

(74) **KLIMA, Timothy, J.** et al. / etc.; Pillsbury Madison & Sutro LLP, 1100 New York Avenue, N.W., Washington, DC 20005 (US).

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

(51)⁶ **B63C 9/15, 9/19, B60C 29/00, F16K 15/20**

(11) **WO 00/15492** (13) A1

(21) PCT/CA98/00852

(22) **10 Sep/sep 1998 (10.09.1998)**

(25) en (26) en

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **INFLATABLE PERSONAL FLOTATION DEVICE WITH GAS INLET NOZZLE**
• **DISPOSITIF DE FLOTTAISON INDIVIDUEL GONFLABLE, DOTE D'UN EMBOUT D'ENTREE DE GAZ**

(71, 72) **LOISEL, Jean** [CA/CA]; 11562 Poincare, Montreal, Quebec H3L 3L7 (CA).

(74) **WILKES, Robert, A.** et al. / etc.; Shapiro, Cohen, Suite 2001, 112 Kent Street, P.O. Box 3440, Stn. D, Ottawa, Ontario K1P 6P1 (CA).

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

(51)⁷ **B63C 9/19 // F16K 31/00**

(11) **WO 00/15493** (13) A1

(21) PCT/IB99/01509

(22) **6 Sep/sep 1999 (06.09.1999)**

(25) en (26) en

(30) 9819698.3 **10 Sep/sep 1998 GB (10.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **INFLATION DEVICE**
• **DISPOSITIF DE GONFLAGE**

(71) **UNITED MOULDERS LIMITED** [GB/GB]; Caker Stream Road, Alton, Hants GU34 2PL (GB).

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

(72, 75) **PERRINS, John** [GB/GB]; United Moulders Limited, Caker Stream Road, Alton, Hants GU34 2PL (GB).

(74) **HARMAN, Michael, Godfrey**; Hillgate Patent Services, 6 Aztec Row, Berners Road, Islington, London N1 0PW (GB).

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

(51)⁶ **B63C 9/20, 9/00, A62B 37/00, G08B 5/00**

(11) **WO 00/15494** (13) A1

(21) PCT/AU99/00777

(22) **16 Sep/sep 1999 (16.09.1999)**

- (25) en (26) en
- (30) PP 5948 **16 Sep/sep 1998** AU
(16.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • INFLATABLE DISTRESS SIGNAL
• SIGNAL DE DETRESSE GONFLABLE
- (71) **B-POINT INNOVATION PTY. LTD.** [AU/AU]; Level 1, Hall Chadwick Centre, 74 Abbott Street, Cairns, QLD 4870 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VAUGHAN, Christopher, Patrick** [AU/AU]; 2 Maina Street, Woree, QLD 4868 (AU).
- (74) **PULLEN, Kevin, M.**; P.O. Box 241, Landsborough, QLD 4550 (AU).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **B63H 5/125, 21/17, 25/24**
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- (21) PCT/FI99/00739
- (22) **13 Sep/sep 1999 (13.09.1999)**
- (25) fi (26) en
- (30) 981971 **14 Sep/sep 1998** FI
(14.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • ARRANGEMENT AND METHOD FOR TURNING A PROPULSION UNIT
• AGENCEMENT ET PROCEDE DE MISE EN ROTATION D'UNE UNITE DE PROPULSION
- (71) **ABB AZIPOD OY** [FI/FI]; Laivanrakentajantie 2, FIN-00980 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **AARNIVUO, Jussi** [FI/FI]; Luuvakuja 2 A 12, FIN-00700 Helsinki (FI).
- (74) **BORENIUS & CO OY AB**; Kansakoulukuja 3, FIN-00100 Helsinki (FI).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **B64C**
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- (21) PCT/US99/19641
- (22) **27 Aug/août 1999 (27.08.1999)**
- (25) en (26) en
- (30) 60/098,204 **27 Aug/août 1998** US
(27.08.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • GYROSTABILIZED SELF PROPELLED AIRCRAFT
• VEHICULE AERIEN TELEPILOTE GYROSTABILISE A AUTOPROPULSION
- (71, 72) **BOSTAN, Nicolae** [US/US]; 10300 Arrow Route 14-12, Rancho Cucamonga, Ca 91730 (US).
- (74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson and Bear, LLP, 620 Newport Center Drive, 16th floor, Newport Beach, CA 92660 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **B64C 13/16, G05D 1/04**
- (11) **WO 00/15498** (13) A1
- (21) PCT/DE99/02773
- (22) **2 Sep/sep 1999 (02.09.1999)**
- (25) de (26) de
- (30) 198 41 632.6 **11 Sep/sep 1998** DE
(11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD FOR COMPENSATING STRUCTURAL VARIATIONS IN AN AIRPLANE THAT ARE DUE TO EXTERNAL DISTURBANCES
• PROCEDE POUR COMPENSER DES VIBRATIONS DE STRUCTURE D'UN AERONEF DUES A DES PERTURBATIONS EXTERIEURES
- (71) **DAIMLERCHRYSLER AG** [DE/DE]; Epplestrasse 2275, D-70567 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BECKER, Jürgen** [DE/DE]; Sollner Strasse 10, D-81479 München (DE).
- (81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (21) PCT/US99/21803

- (22) **17 Sep/sep 1999 (17.09.1999)**
(25) en (26) en
(30) 09/156,535 **17 Sep/sep 1998** US
(17.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • IMPROVED PACKAGE WRAPPING METHOD AND MACHINE
• EMBALLAGE AMELIORE DE PAQUETS ET MACHINE ASSOCIEE
- (71) **PREMARK FEG L.L.C.** [US/US]; Suite 509, 300 Delaware Avenue, Wilmington, DE 19801 (US).
- (72) **WHITBY, Michael, A.**; 4150 Snell Road, West Milton, OH 45383 (US). **RATERMAN, Philip, Anthony**; 500 Stonecrest Drive, Tipp City, OH 45371 (US).
- (74) **LEVY, Mark, P.** et al. / etc.; Thompson Hine & Flory LLP, 2000 Courthouse Plaza NE, P.O. Box 8801, Dayton, OH 45401-8801 (US).
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(22) **2 Sep/sep 1999 (02.09.1999)**
(25) en (26) en
(30) 09/152,232 **11 Sep/sep 1998** US
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- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • ELECTRIC VERSION FRY DISPENSER
• DISTRIBUTEUR DE FRITURE ELECTRIQUE
- (71) **ROBOT AIDED MANUFACTURING CENTER, INC.** [US/US]; 5128 Roundview Drive, Red Wing, MN 55066 (US).
- (72) **FRITZE, Karl, J.**; 15499 87th Street S., Denmark Township, MN 55033 (US). **KUHLEMEIER, Kirby, J.**; 8204 Ingberg Court, Cottage Grove, MN 55016 (US). **HERPERS, Ferdinand, J.**; 3827 Susan Lane, Minnetonka, MN 55345 (US). **KOERNER, Bruce, H.**; 1323 Walter, Red Wing, MN 55066 (US).
- (74) **BRUESS, Steven, C.**; Merchant & Gould P.C., 3100 Norwest Center, 90 South Seventh Street, Minneapolis, MN 55402-4131 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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(22) **13 Sep/sep 1999 (13.09.1999)**
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(15.09.1998)
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(16.10.1998)
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(15.12.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • DEVICE FOR LABELING
• DISPOSITIF POUR APPLIQUER DES ETIQUETTES
- (71, 72) **CLAUSSNITZER, Werner** [DE/DE]; Boeddinghausstrasse 2, D-42329 Wuppertal (DE).
- (74) **GRUNDMANN, Dirk** et al. / etc.; Corneliusstrasse 45, D-42329 Wuppertal (DE).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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(25) de (26) de
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(11.09.1998)
(30) 298 20 673.0 **19 Nov/nov 1998** DE
(19.11.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD AND DEVICE FOR LABELING OR PRINTING STACKABLE FLOWERPOTS
• PROCEDE ET DISPOSITIF POUR APPoser DES ETIQUETTES OU IMPRIMER SUR DES POTS A FLEURS EMPILABLES LES UNS DANS LES AUTRES
- (71, 72) **SIEDLACZEK, Udo** [DE/DE]; Pöttering 22, D-46244 Bottrop (DE).
- (74) **GESTHUYSEN, Hans, Dieter** et al. / etc.; Postfach 10 13 54, D-45013 Essen (DE).
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(21) PCT/EP99/06874
(22) **16 Sep/sep 1999 (16.09.1999)**
(25) de (26) de
(30) 198 42 362.4 **16 Sep/sep 1998** DE
(16.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD AND DEVICE FOR OPENING AND FILLING PRE-MANUFACTURED BAG PACKAGES
• PROCEDE ET DISPOSITIF D'OUVERTURE ET DE REMPLISSAGE DE SACHETS D'EMBALLAGE PREFABRIQUES
- (71) **EFFEM GMBH** [DE/DE]; Eitzer Landstrasse 215, D-27283 Verden (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DOMANSKY, Philippe** [FR/FR]; 23, rue du Colombier, F-36000 Châteauroux (FR). **PROTZ, Meinhard** [DE/DE]; Holunderstrasse 3, D-29699 Bomlitz (DE).
- (74) **GODDAR, Heinz**; Boehmert & Boehmert, Hollerallee 32, D-28209 Bremen (DE).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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(25) de (26) de
(30) 98810912.0 **14 Sep/sep 1998** EP
(14.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • CLOSURE CAP
• BOUCHON DE FERMETURE

- (71) **CROWN CORK & SEAL TECHNOLOGIES CORPORATION** [US/US]; 11535 South Central Avenue, Alsip, IL 60803 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BÖSL, Udo** [DE/DE]; Dorfstrasse 13, D-79591 Eimeldingen (DE). **PFEFFERKORN, Georg** [DE/DE]; Fischingersstrasse 5a, D-79588 Egringen (DE).
- (74) **HEPP, Dieter** et al. / etc.; Hepp, Wenger & Ryffel AG, Friedtalweg 5, CH-9500 Wil (CH).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (11) **WO 00/15505** (13) A2
- (21) PCT/EP99/06000
- (22) **16 Aug/août 1999 (16.08.1999)**
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- (30) 98810913.8 **14 Sep/sep 1998 (14.09.1998)** EP
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- (54) • CLOSURE CAP
• BOUCHON DE FERMETURE
- (71) **CROWN CORK & SEAL TECHNOLOGIES CORPORATION** [US/US]; 11535 South Central Avenue, Alsip, IL 60803 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BÖSL, Udo** [DE/DE]; Dorfstrasse 13, D-79591 Eimeldingen (DE). **PFEFFERKORN, Georg** [DE/DE]; Fischingersstrasse 5a, D-79588 Egringen (DE).
- (74) **HEPP, Dieter** et al. / etc.; Hepp, Wenger & Ryffel AG, Friedtalweg 5, CH-9500 Wil (CH).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **B65D**
- (11) **WO 00/15506** (13) A2
- (21) PCT/EP99/06173
- (22) **23 Aug/août 1999 (23.08.1999)**
- (25) en (26) en
- (30) MI98A001937 **28 Aug/août 1998 (28.08.1998)** IT
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • A CLOSURE WITH A SECURITY RING FOR A CONTAINER FOR LIQUIDS
• DISPOSITIF DE FERMETURE AVEC BAGUE DE SECURITE POUR RECEPTACLE DE LIQUIDES
- (71) **GUALA CLOSURES S.P.A.** [IT/IT]; Via San Giovanni Bosco, 53/55, I-15100 Alessandria (IT). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BATTEGAZZORE, Piero** [IT/IT]; Via G. Galilei, 74, I-15100 Alessandria (IT).
- (74) **MAGGIONI, Claudio** et al. / etc.; Jacobacci & Perani S.p.A., Via Visconti di Modrone, 7, I-20122 Milano (IT).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (11) **WO 00/15507** (13) A2
- (21) PCT/US99/21805
- (22) **17 Sep/sep 1999 (17.09.1999)**
- (25) en (26) en
- (30) 60/100,765 **17 Sep/sep 1998 (17.09.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • NOVEL PALLETS
• NOUVELLES PALETTES
- (71) **INNOVATIVE COATINGS CORPORATION** [US/US]; Suite 200, 3350 West Town Point Drive, Kennesaw, GA 30114 (US).
- (72) **PHILLIPS, Jerry, S.**; 3064 Intrepid Wake, Marietta, GA 30062 (US). **BROWN, David, W.**; 108 Wiltshire Drive, Oak Ridge, TN 37830 (US). **BEAN, Wayne**; 2240 Hill Creek Way, Marietta, GA 30062 (US). **SIGLER, Donald, H., Jr.**; 2100 Four Mile Drive, Kalispell, MT 59901 (US).
- (74) **WITHERS, James, D.** et al. / etc.; Jones & Askew, LLP, 2400 Monarch Tower, 3424 Peachtree Road, Atlanta, GA 30326 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **B65D 1/02, B29C 33/38, A01G 9/02**
- (11) **WO 00/15508** (13) A1
- (21) PCT/JP99/04702
- (22) **31 Aug/août 1999 (31.08.1999)**
- (25) ja (26) ja
- (30) 10/274350 **10 Sep/sep 1998 (10.09.1998)** JP
- (30) 10/347945 **20 Nov/nov 1998 (20.11.1998)** JP
- (30) 11/111 U **13 Jan/jan 1999 (13.01.1999)** JP
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • SYNTHETIC RESIN VESSEL AND MANUFACTURING METHOD THE-REOF
• CUVE DE RESINE SYNTHETIQUE ET PROCEDE DE FABRICATION DE CETTE DERNIERE
- (71) **IRIS OHYAMA, INC.** [JP/JP]; 12-1, It-sutsubashi 2-chome, Aoba-ku, Sendai-shi, Miyagi-ken 980-8510 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SATO, Kohei** [JP/JP]; 1, Aza-Tsuchiuri, Osaka, Kakuda-shi, Miyagi-ken 981-1532 (JP).
- (74) **ARAI, Nobuaki**; Daini-Futaba Building, No.101, Shiba, 5-13-11, Minato-ku, Tokyo 108-0014 (JP).
- (81) CN US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **B65D 1/34, 57/00, B29C 53/26, G07F 11/66**
- (11) **WO 00/15509** (13) A1
- (21) PCT/NL99/00555
- (22) **7 Sep/sep 1999 (07.09.1999)**
- (25) nl (26) en
- (30) 1010120 **17 Sep/sep 1998 (17.09.1998)** NL
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • APPARATUS FOR PACKAGING SLICED FOOD
• APPAREIL DE CONDITIONNEMENT D'ALIMENTS EN TRANCHES

- (71) **FOODCORNER INTERNATIONAL B.V.** [NL/NL]; Schoenaker 10 b, NL-6641 SZ Beuningen (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MOONS, Wilhelmus, Andreas, Maria** [NL/NL]; Uniceflaan 35, NL-6525 JL Nijmegen (NL). **DESSING, Jacobus, Petrus, Maria** [NL/NL]; Kruisweg 1483, NL-2142 LA Cruquius (NL).
- (74) **UITTENBOGAART, Gustaaf, Adolf;** Indeig B.V., P.O. Box 3, NL-2050 AA Overveen (NL).
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- (51)⁷ **B65D 5/06**
- (11) **WO 00/15510** (13) A1
- (21) PCT/IB99/01533
- (22) **13 Sep/sep 1999 (13.09.1999)**
- (25) en (26) en
- (30) 09/151,972 **11 Sep/sep 1998 (11.09.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • GABLE-TOP CONTAINER
• EMBALLAGE EN TOIT POINTU
- (71) **TETRA LAVAL HOLDINGS & FINANCE, S.A.** [CH/CH]; Avenue General-Guisan 70, CH-1009 Pully (CH).
- (72) **LJUNGSTROM, Tommy, Bo-Goran;** Ribbgrand 1, S-243 33 Hoor (SE).
- (74) **FORSBERG, Lars-Ake;** AB Tetra Pak, Ruben Rausing's gata, S-221 86 Lund (SE).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **B65D 5/42, 77/20**
- (11) **WO 00/15511** (13) A1
- (21) PCT/US99/21026
- (22) **14 Sep/sep 1999 (14.09.1999)**
- (25) en (26) en
- (30) 9819926.8 **14 Sep/sep 1998 (14.09.1998)** GB
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • A TRAY CONTAINER AND BLANK
• RECIPIENT FORMANT PLATEAU ET DECOUPE
- (71) **THE MEAD CORPORATION** [US/US]; Courthouse Plaza, Northeast, Dayton, OH 45463 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LEBRAS, Philippe** [FR/FR]; 13, rue de la Bievre, F-36000 Chateauroux (FR).
- (74) **BOSHINSKI, Thomas, A.** et al. / etc.; The Mead Corporation, 4850D North Church Lane, Smyrna, GA 30080 (US).
- (81) AU BG BR BY CA CN CR CZ EE HR HU ID IL IN KR LV MX NO NZ PL RO SG SI SK TR US VN YU ZA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁶ **B65D 17/32, 41/34, 51/18**
- (11) **WO 00/15512** (13) A1
- (21) PCT/US99/21519
- (22) **17 Sep/sep 1999 (17.09.1999)**
- (25) en (26) en
- (30) 9820159.3 **17 Sep/sep 1998 (17.09.1998)** GB
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • RESEALABLE BEVERAGE CAN
• BOITE-BOISSON REFERMABLE
- (71, 72) **KULLBERG, Wilhelm** [-/US]; ADVANCED LIQUID PACKAGING COMPANY, 60 E. Chestnut, #202, Chicago, IL 60611 (US).
- (81) AE AU BR CA CN GE HU ID IL IN JP MX NZ RU SG US ZA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 00/15513** (13) A1
- (21) PCT/KR98/00330
- (22) **22 Oct/oct 1998 (22.10.1998)**
- (25) en (26) en
- (30) 1998/38560 **17 Sep/sep 1998 (17.09.1998)** KR
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • CANS FOR POTABLES HAVING HYGIENIC MOUTHS
• BOITES A BOISSONS DOTEES D'UN BEC HYGIENIQUE
- (71, 72) **CHOI, Kyu, Sun** [KR/KR]; 491-27, Sinrim-4dong, Kwanak-ku, Seoul 151-014 (KR).
- (74) **KIM, Seong, Kyun;** No. 202, 108-dong, Dongwon Apartment, 64-2-11 Block, Sihwa Sindosi, Jeongwang-dong, Siheung-si, Kyeongki-do 429-450 (KR).
- (81) AU CA CN DE GB JP MX NZ SE US; EP (IT).
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- (51)⁶ **B65D 30/00**
- (11) **WO 00/15514** (13) A1
- (21) PCT/US99/21418
- (22) **17 Sep/sep 1999 (17.09.1999)**
- (25) en (26) en
- (30) 09/156,208 **17 Sep/sep 1998 (17.09.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • INFLATABLE INSULATING LINERS FOR SHIPPING CONTAINERS
• DOUBLURES ISOLANTES GONFLABLES POUR BOITES D'EXPEDITION
- (71, 72) **MALONE, Thomas, G.** [US/US]; 4670 Santa Cruz Avenue, San Diego, CA 92107-3519 (US). **McGRAW, John, J.** [US/US]; 37 Deer Park Road, Manitowish Waters, WI 54545 (US).
- (74) **LAMBERTSEN, John, C.;** Kenehan Lambertsen & Stein, Suite 211B, 1771 E. Flamingo Road, Las Vegas, NV 89119-5154 (US).
- (81) AE 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 GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **B65D 33/00, 83/08, A47F 9/04**
- (11) **WO 00/15515** (13) A1
- (21) PCT/GB99/03054
- (22) **15 Sep/sep 1999 (15.09.1999)**
- (25) en (26) en
- (30) 9820128.8 **15 Sep/sep 1998 (15.09.1998)** GB
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • BAG DISPENSING PACKAGE
• EMBALLAGE DISTRIBUTEUR DE SACS
- (71) **BRAITRIM (UK) LTD** [GB/GB]; Braitrim House, 98 Victoria Road, London NW10 6NB (GB). **GLOPAC (GLOBAL TRADING (PACKING) LTD)** [GB/GB]; Roman Way, Coleshill Industrial Estate, Coleshill, Birmingham B46 1HG (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LEE, Simon** [GB/GB]; 12 Crookham Road, Fulham, London SW6 3EQ (GB). **DANDA, Michael** [GB/GB]; 2 Woodtree Close, London NW4 1HP (GB).
- (74) **BAILLIE, Iain, C.** et al. / etc.; Langner Parry, 52-54 High Holborn, London WC1V 6RR (GB).

(81) AE AU BR CA CN HU ID IL IN JP KP KR
LK LV MX PL RO SG TR UA US VN ZA;
EP (AT BE CH CY DE DK ES FI FR GB
GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)⁷ **B65D 39/00**

(11) **WO 00/15516** (13) A1

(21) PCT/FR99/02118

(22) **7 Sep/sep 1999 (07.09.1999)**

(25) fr (26) fr

(30) 98/11403 **11 Sep/sep 1998** FR
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● STOPPER FOR SEALING WINE BOT-
TLES

● BOUCHON DESTINE A OBTURER
LES BOUTEILLES DE VIN

(71, 72) **MAINE DE BIRAN, Arnault** [FR/FR];
Mas des Murailles, 2, chemin du Trouillet,
F-13570 Barbentane (FR). **MAINE DE BI-
RAN, Evelyne** [FR/FR]; Mas des Murailles,
2, chemin du Trouillet, F-13570 Barbentane
(FR).

(81) AL AU BG BR CA CN CU CZ HR HU IL
JP KP KR MG MX NO NZ PL RO SI SK
TR US VN YU ZA; EA (AM AZ BY KG
KZ MD RU TJ TM); EP (AT BE CH CY
DE DK ES FI FR GB GR IE IT LU MC NL
PT SE); OA (BF BJ CF CG CI CM GA GN
GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)⁷ **B65D 41/04**

(11) **WO 00/15517** (13) A1

(21) PCT/FR99/02195

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) fr (26) fr

(30) 98/11569 **16 Sep/sep 1998** FR
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● CAP WITH FLUID SEAL

● BOUCHON AVEC JOINT
D'ETANCHEITE

(71) **NOVEMBAL** [FR/FR]; 93, rue Carnot,
F-92592 Levallois Perret (FR).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **RACINE, Jean, Patrice** [FR/FR]; 45
rue Valentin Schmith, F-01600 Trevoux
(FR). **LUZZATO, Michel** [FR/FR]; CMA
villa No 6 Aveize, F-69610 Sainte Foy
L'Argentière (FR). **FRANCHET, Alain**
[FR/FR]; 8 allée des Cerisiers, F-69450
Saint Cyr au Mont D'Or (FR).

(74) **MYON, Gérard**; Cabinet Lavoix Lyon, 62,
rue du Bonnel, F-69448 Lyon Cedex 03
(FR).

(81) CA US.

Published / Publiée : (c)

(51)⁷ **B65D 75/34, 75/36, B65B 61/20**

(11) **WO 00/15518** (13) A1

(21) PCT/IB99/01511

(22) **6 Sep/sep 1999 (06.09.1999)**

(25) de (26) de

(30) 724/98 **11 Sep/sep 1998** CH
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● METHOD FOR MANUFACTURING A
PACKING FOR A MEDICAMENT

● PROCEDE DE PRODUCTION D'UN
EMBALLAGE POUR MEDICAMENTS

(71) **COVANCE PHARMACEUTICAL
PACKAGING SERVICES** [CH/CH];
Steinbühlweg 69, CH-4123 Allschwil (CH).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **HUNKELER, Guido** [CH/CH]; Bruch-
mattweg 11, CH-4126 Schönenbuch (CH).

STAMM, Heinz [CH/CH]; Auf der Hürnen
81, CH-8706 Meilen (CH). **FREUDIGER,
Markus** [CH/CH]; Quellenweg 4, CH-4102
Binningen (CH).

(74) **MASPOLI, René, A.**; Patentanwaltsbureau
R.A.Maspoli, Witikon-Zentrum, Postfach
191, CH-8053 Zürich (CH).

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

(51)⁷ **B65D 75/58**

(11) **WO 00/15519** (13) A1

(21) PCT/CH99/00372

(22) **11 Aug/août 1999 (11.08.1999)**

(25) de (26) de

(30) 98810917.9 **15 Sep/sep 1998** EP
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● TUBE, UTILIZATION OF A PLASTIC
BAG AND METHOD FOR THE PRO-
DUCTION OF A TUBE

● TUBE, UTILISATION D'UNE POCHE
EN PLASTIQUE ET PROCEDE DE
PRODUCTION D'UN TUBE

(71) **H. OBRIST & CO. AG** [CH/CH];
Römerstrasse 50, CH-4153 Reinach (CH).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **LINDENBERGER, Werner** [CH/CH];
Baselweg 91, CH-4147 Aesch (CH). **HUG-
GENBERGER, Beat** [CH/CH]; Stegmatten-
weg 48, CH-4105 Biel-Benken (CH).

(74) **HEPP, Dieter** et al. / etc.; Hepp,
& Ryffel AG, Friedtalweg 5, CH-9500 Wil
(CH).

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

(51)⁷ **B65D 81/26, 5/48**

(11) **WO 00/15520** (13) A1

(21) PCT/US99/21504

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 9819925.0 **14 Sep/sep 1998** GB
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● A TRAY CONTAINER AND BLANK

● CONTENANT FORMANT PLATEAU
ET EBAUCHE ASSOCIEE

(71) **THE MEAD CORPORATION** [US/US];
Courthouse Plaza, Northeast, Dayton, OH
45463 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **LEBRAS, Philippe** [FR/FR]; 13, rue de
la Bievre, F-36000 Chateauroux (FR).

(74) **BOSHINSKI, Thomas, A.** et al. / etc.;
The Mead Corporation, 4850D North Church
Lane, Smyrna, GA 30080 (US).

(81) AU BG BR BY CA CN CR CZ EE HR HU
ID IL IN JP KE KR LT LV MX NO NZ PL
RO RU SG SI SK TR UA US VN YU ZA;
EP (AT BE CH CY DE DK ES FI FR GB
GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)⁷ **B65D 85/10**

(11) **WO 00/15521** (13) A1

(21) PCT/EP99/05424

(22) **29 Jul/juil 1999 (29.07.1999)**

(25) de (26) de

(30) 198 41 942.2 **14 Sep/sep 1998** DE
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● FLIP TOP BOX FOR CIGARETTES

● BOITE A COUVERCLE RABATTABLE
POUR CIGARETTES

(71) **FOCKE & CO. (GMBH & CO.)** [DE/DE];
Siemensstrasse 10, D-27283 Verden (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **FOCKE, Heinz** [DE/DE]; Moorstrasse
64, D-27283 Verden (DE). **BUSE, Henry**
[DE/DE]; Dreessel Nr. 8, D-27374 Vis-
selhövede (DE). **ENGEL, Gisbert** [DE/DE];
Hannoversche Strasse 14, D-29690 Essel
(DE).

(74) **BOLTE, Erich**; Meissner, Bolte & Partner,
Hollerallee 73, D-28209 Bremen (DE) et al.
/ etc.

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

(51)⁷ B65G 17/06, 21/22

(11) WO 00/15522 (13) A1

(21) PCT/NL99/00571

(22) 14 Sep/sep 1999 (14.09.1999)

(25) nl (26) en

(30) 1010094 15 Sep/sep 1998 NL
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • SUPPORT ELEMENT AND SUPPORT
FRAME FOR A CHAIN CONVEYOR
• ELEMENT ET CADRE DE SUPPORT
POUR CONVOYEUR A CHAINE(71, 72) WILLEMS, Eric, Arnoldus, Wilhelm-
& Adriana [NL/NL]; Van Baarlaan 2,
NL-5583 GD Aalst (NL).(74) BRANTS, Johan, Philippe, Emile; Arnold
& Siedsma, Sweelinckplein 1, NL-2517 GK
The Hague (NL).(81) AE AL AM AT AU AZ BA BB BG BR BY
CA CH CN CR CU CZ DE DK DM EE ES
FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MD MG MK MN MW MX NO NZ
PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT UA UG US UZ VN YU ZA ZW;
AP (GH GM KE LS MW SD SL SZ TZ UG
ZW); EA (AM AZ BY KG KZ MD RU TJ
TM); EP (AT BE CH CY DE DK ES FI FR
GB GR IE IT LU MC NL PT SE); OA (BF
BJ CF CG CI CM GA GN GW ML MR NE
SN TD TG).(51)⁷ B65G 19/14, 53/44

(11) WO 00/15523 (13) A1

(21) PCT/EP99/06667

(22) 10 Sep/sep 1999 (10.09.1999)

(25) de (26) de

(30) 198 43 255.0 10 Sep/sep 1998 DE
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD AND DEVICE FOR FEE-
DING GRANULAR SOLID SUB-
STANCES INTO PRESSURE SYSTEMS
OR PRESSURE REACTORS• PROCEDE ET DISPOSITIF POUR
CHARGER DES SYSTEMES OU DES
REACTEURS A FLUIDE SOUS PRES-
SION EN SOLIDES GRANULEUX(71) VEAG VEREINIGTE ENERGIE-
WERKE AG [DE/DE]; Chausseestrasse
23, D-10115 Berlin (DE).(72) KRÖDEL, Bernd; Birkenring 79, D-16356
Eiche (DE).(74) ZINKEN-SOMMER, Rainer; VEAG Ve-
reinigte Energiewerke AG, Chausseestrasse
23, D-10115 Berlin (DE).(81) AU HU PL; EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)⁷ B65G 47/08, 57/24, 47/244

(11) WO 00/15524 (13) A1

(21) PCT/US99/21012

(22) 14 Sep/sep 1999 (14.09.1999)

(25) en (26) en

(30) 60/100,162 14 Sep/sep 1998 US
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • LOAD FORMER ASSEMBLY
• ENSEMBLE DE FORMATION DE
CHARGES(71) ASC MACHINE TOOLS, INC. [US/US];
North 900 Fancher Road, P.O. Box 11619,
Spokane, WA 99211 (US).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) CORNELL, Donald, R. [US/US]; 3613
South Chapman, Green Acres, WA 99016
(US). DRAKE, Jon, P. [US/US]; 28013
Bearlake Road, Chattaroy, WA 99003 (US).(74) McCARTHY, Bill, D. et al. / etc.; Crowe
& Dunlevy, 1800 Mid-America Tower,
20 North Broadway, Oklahoma City, OK
73102-8273 (US).(81) AU CA DE GB NZ US; EP (AT BE CH CY
DE DK ES FI FR GB GR IE IT LU MC NL
PT SE).

Published / Publiée : (c)

(51)⁶ B65G 65/38, B65D 88/54, E04H 7/22

(11) WO 00/15525 (13) A1

(21) PCT/AU99/00747

(22) 9 Sep/sep 1999 (09.09.1999)

(25) en (26) en

(30) PP 5818 10 Sep/sep 1998 AU
(10.09.1998)(30) PQ 1383 5 Jul/juil 1999 AU
(05.07.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • BULK HANDLING APPARATUS
• APPAREIL POUR PRODUITS EN
VRAC(71, 72) VAN GORP, Keith [AU/AU]; 5 Avery
Court, Greenbank, Brisbane, QLD 4124
(AU).(74) PIZZEYS PATENT & TRADE MARK
ATTORNEYS; Telstra House, Level 11, 167
Eagle Street, Brisbane, QLD 4000 (AU).(81) AE AL AM AT AU AZ BA BB BG BR BY
CA CH CN CR CU CZ DE DK DM EE ES
FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MD MG MK MN MW MX NO NZ
PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT UA UG US UZ VN YU ZA ZW; AP
(GH GM KE LS MW SD SL SZ UG ZW);
EA (AM AZ BY KG KZ MD RU TJ TM);
EP (AT BE CH CY DE DK ES FI FR GB
GR IE IT LU MC NL PT SE); OA (BF BJ
CF CG CI CM GA GN GW ML MR NE SN
TD TG).(51)⁷ B65H

(11) WO 00/15526 (13) A2

(21) PCT/EP99/06545

(22) 3 Sep/sep 1999 (03.09.1999)

(25) en (26) en

(30) 09/152,980 14 Sep/sep 1998 US
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR DISPENSING
REINFORCEMENT FIBERS
• PROCÉDÉ DE DISTRIBUTION DE
FIBRES DE RENFORT(71) N.V. OWENS-CORNING S.A. [BE/BE];
178, Chaussée de La Hulpe, B-1170 Brussels
(BE).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) JANDER, Michael [SE/BE]; Talstrasse
16A, B-4761 Kettendis (BE).(74) WEST, Alan, H. et al. / etc.; R G C Jenkins
& Co., 26 Caxton Street, London SW1H 0RJ
(GB).(81) AE AL AM AT AU AZ BA BB BG BR BY
CA CH CN CR CU CZ DE DK DM EE ES
FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MD MG MK MN MW MX NO NZ
PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT UA UG US UZ VN YU ZA ZW; AP
(GH GM KE LS MW SD SL SZ UG ZW);
EA (AM AZ BY KG KZ MD RU TJ TM);
EP (AT BE CH CY DE DK ES FI FR GB
GR IE IT LU MC NL PT SE); OA (BF BJ
CF CG CI CM GA GN GW ML MR NE SN
TD TG).(51)⁶ B65H 5/00

(11) WO 00/15527 (13) A1

(21) PCT/US99/18942

(22) 20 Aug/août 1999 (20.08.1999)

(25) en (26) en

(30) 09/152,639 14 Sep/sep 1998 US
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD AND APPARATUS FOR
FEEDING SHEETS• TECHNIQUE D'ALIMENTATION
EN FEUILLES ET APPAREIL COR-
RESPONDANT(71) LEXMARK INTERNATIONAL, INC.
[US/US]; 740 West New Circle Road,
Lexington, KY 40550 (US).(72) EMBRY, Kerry, Leland; 3312 Edna Court,
Lexington, KY 40515 (US). SCHOE-
DINGER, Kevin, Dean; 216 Baywood
Drive, Nicholasville, KY 40356 (US).
WRIGHT, Phillip, Byron; 670 Mint Hill
Lane, Lexington, KY 40509 (US).(74) BRADY, John, A.; Lexmark International,
Inc., 740 West New Circle Road, Lexington,
KY 40550 (US).

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

(51)⁷ **B65H 23/00**

(11) **WO 00/15528** (13) A2

(21) PCT/US99/20433

(22) **7 Sep/sep 1999 (07.09.1999)**

(25) en (26) en

(30) 90/151,472 **11 Sep/sep 1998** US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • TENSION CONTROL DEVICE
• DISPOSITIF DE REGULATION DE LA TENSION

(71) **RJS CORPORATION** [US/US]; 3400 Massillon Road, Akron, OH 44312 (US).

(72) **WINAFELD, Charles, J.**; 1385 Lipton Avenue, S.W., North Canton, OH 44720 (US). **SLEZAK, Raymond, J.**; 827 Morningbreeze Circle, Barberton, OH 44203 (US).

(74) **KENNER, Phillip, L.** et al. / etc.; Renner, Kenner, Greive, Bobak, Taylor & Weber, 1610 First National Tower, Akron, OH 44308-1456 (US).

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

(51)⁷ **B65H 29/00, 5/28**

(11) **WO 00/15529** (13) A1

(21) PCT/IB99/01528

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) V198A000166 **11 Sep/sep 1998** IT
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • APPARATUS FOR COLLECTING, DISTRIBUTING AND STORING FLEXIBLE LAMINAR ELEMENTS, IN PARTICULAR INDUSTRIAL HIDES
• APPAREIL PERMETTANT DE RASSEMBLER, DE REPARTIR ET DE STOCKER DES PIECES SOUPLES LAMINEES, DES CUIRS INDUSTRIELS NOTAMMENT

(71, 72) **GRAFFAGNINO, Roberto** [IT/IT]; Via Leoncavallo, 11, I-36071 Arzignano (IT). **VERZA, Giampietro** [IT/IT]; Corso Matteotti, 67, I-36071 Arzignano (IT).

(74) **MAROSCIA, Antonio**; Maroscia & Associati S.r.l., Corso Palladio, 42, I-36100 Vicenza (IT).

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

(51)⁶ **B65H 29/38**

(11) **WO 00/15530** (13) A1

(21) PCT/US99/20443

(22) **7 Sep/sep 1999 (07.09.1999)**

(25) en (26) en

(30) 60/100,758 **17 Sep/sep 1998** US
(17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • MEDIA STORAGE AND RECYCLING SYSTEM FOR AUTOMATED BANKING MACHINE
• SYSTEME DE STOCKAGE ET DE RECYCLAGE DE SUPPORTS POUR GUICHET AUTOMATIQUE BANCAIRE

(71) **DIEBOLD, INCORPORATED** [US/US]; 5995 Mayfair Road, North Canton, OH 44720 (US).

(72) **BESKITT, William, D.**; 1821 8th Street, Cuyahoga Falls, OH 44221 (US). **HARTY, Michael, J.**; 6265 Walnut Ridge Circle, North Canton, OH 44720 (US). **EASTMAN, Jeffrey**; 2152 Mohler Dr. NW, North Canton, OH 44720 (US). **PHELPS, Richard, J.**; 1986 Liberty Road, Stow, OH 44224 (US).

(74) **JOCKE, Ralph**; 231 South Broadway, Medina, OH 44256 (US).

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

(51)⁶ **B65H 35/00**

(11) **WO 00/15531** (13) A1

(21) PCT/US99/00612

(22) **12 Jan/jan 1999 (12.01.1999)**

(25) en (26) en

(30) 09/153,372 **15 Sep/sep 1998** US
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • APPARATUS FOR APPLYING AND CUTTING TAPE
• APPAREIL D'APPLICATION ET DE DECOUPE DE RUBAN

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

(72) **CRAIG, Alan, J.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **REA, Anthony, M.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

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

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

(51)⁷ **B65H 51/20**

(11) **WO 00/15532** (13) A1

(21) PCT/EP99/06388

(22) **31 Aug/août 1999 (31.08.1999)**

(25) de (26) de

(30) 198 41 320.3 **10 Sep/sep 1998** DE
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • TEXTURING MACHINE FOR TEXTURING AND TAKING UP A THREAD
• MACHINE DE TEXTURATION PERMETTANT DE TEXTURER ET D'ENROULER UN FIL

(71) **BARMAG AG** [DE/DE]; Leverkusen Strasse 65, D-42897 Remscheid (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BARTKOWIAK, Klaus** [DE/DE]; Goethestrasse 9, D-44623 Herne (DE). **DAMMANN, Peter** [DE/DE]; Julius-Plücker-Strasse 68, D-42897 Remscheid (DE).

(74) **KAHLHÖFER, Hermann**; Bardehle Pagenberg Dost Altenburg Geissler Isenbruck, Uerdinger Strasse 5, D-40474 Düsseldorf (DE).

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

Published / Publiée : (c)

(51)⁷ **B65H 51/22, 71/00, D03D 47/34, D03J 1/04, G01P 3/488, B65H 59/00, G01P 1/00, B65H 49/34**

(11) **WO 00/15533** (13) A1

(21) PCT/EP99/06765

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) 198 41 699.7 **11 Sep/sep 1998** DE
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • YARN PROCESSING SYSTEM
• SYSTEME DE TRAITEMENT DE FILS

(71) **IRO PATENT AG** [CH/CH]; Oberneuhofstrasse 6, CH-6340 Baar (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FIORENZO, Ghiardo** [IT/IT]; I-13051 Biella (IT). **THOLANDER, Lars, Helge, Gottfrid** [SE/SE]; Alskogsgatan 25, S-523 38 Ulricehamn (SE).

(74) **GRÜNECKER, KINKELDEY, STOCKMAIR & SCHWANHÄUSSER**; Maximilianstrasse 58, D-80538 Munich (DE).

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

Published / Publiée : (c)

(51)⁷ **B65H 59/04**

(11) **WO 00/15534** (13) A1

(21) PCT/US99/20365

(22) **7 Sep/sep 1999 (07.09.1999)**

(25) en (26) en

(30) 09/151,552 **11 Sep/sep 1998 (11.09.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • SELF-COMPENSATING FILAMENT TENSION CONTROL DEVICE

• REGULATEUR DE TENSION PAR FILAMENT A CORRECTION AUTOMATIQUE

(71) **RJS CORPORATION** [US/US]; 3400 Massillon Road, Akron, OH 44312 (US).

(72) **SLEZAK, Raymond, J.**; 827 Morningbreeze Circle, Barberton, OH 44203 (US).

(74) **KENNER, Phillip, L.** et al. / etc.; Renner, Kenner, Greive, Bobak, Taylor & Weber, 1610 First National Tower, Akron, OH 44308-1456 (US).

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

(51)⁷ **B66B 11/00, 7/02, 7/08**

(11) **WO 00/15535** (13) A1

(21) PCT/FI99/00755

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) fi (26) en

(30) 981987 **15 Sep/sep 1998 (15.09.1998)** FI

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ELEVATOR ARRANGEMENT
• ENSEMBLE ASCENSEUR

(71) **KONE CORPORATION** [FI/FI]; Kartanontie 1, FIN-00330 Helsinki (FI).
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(72, 75) **VIITA-AHO, Tarvo** [FI/FI]; Hangontie 37 F 27, FIN-05840 Hyvinkää (FI).

(74) **KONE CORPORATION**; Patent Dept., P.O. Box 677, FIN-05801 Hyvinkää (FI).

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

Published / Publiée : (c)

(51)⁷ **B66B 23/24**

(11) **WO 00/15536** (13) A1

(21) PCT/EP99/06308

(22) **27 Aug/août 1999 (27.08.1999)**

(25) de (26) de

(30) A 1536/98 **11 Sep/sep 1998 (11.09.1998)** AT

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • HAND-RAIL
• MAIN COURANTE

(71) **SEMPERIT AKTIENGESELLSCHAFT HOLDING** [AT/AT]; Modcenterstrasse 22, A-1031 Wien (AT).

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

(72, 75) **LEDZINSKI, Janusz** [AT/AT]; J. Bauerstrasse 20, A-2632 Wimpassing (AT).

(74) **VINAZZER, Edith**; Schönburgstrasse 11/7, A-1040 Wien (AT).

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

(51)⁷ **B66F 5/00, 3/36, B66C 23/48**

(11) **WO 00/15537** (13) A1

(21) PCT/SE99/01609

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 9803114-9 **15 Sep/sep 1998 (15.09.1998)** SE

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • AN ARRANGEMENT FOR HANDLING A LOAD
• DISPOSITIF DE MANIPULATION DE CHARGE

(71) **GRAY AUTOMOTIVE PRODUCTS CO.** [US/US]; P.O. Box 728, St. Joseph, MO 64502 (US). **NIKE HYDRAULICS AB** [SE/SE]; P.O. Box 1107, S-631 80 Eskilstuna (SE).

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

(72, 75) **CROW, Perry** [US/US]; 20459 Coon Branch Road, Lawson, MO 64062 (US). **BRUCKER, Gregory, C.** [US/US]; 14319 Riverview Drive, Savannah, MO 64485 (US). **ANDERSSON, Leif** [SE/SE]; Öbergsgatan 7, S-633 44 Eskilstuna (SE).

(74) **STRÖM, Tore** et al. / etc.; Ström & Gulliksson AB, P.O. Box 4188, S-203 13 Malmö (SE).

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

(51)⁷ **B66F 9/12**

(11) **WO 00/15538** (13) A1

(21) PCT/ZA99/00088

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 98/7705 **15 Sep/sep 1998 (15.09.1998)** ZA

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • FORKLIFT BLADE COVER

• COUVRE-LAMES POUR CHARIOT ELEVATEUR

(71, 72) **ALBERTYN, Colin** [ZA/ZA]; Plot 109, Runnymede Street, Chartwell, Johannesburg (ZA).

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

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(51)⁷ **B67D 1/08**

(11) **WO 00/15539** (13) A1

(21) PCT/EP99/05290

(22) **23 Jul/juil 1999 (23.07.1999)**

(25) de (26) de

(30) 198 41 714.4 **11 Sep/sep 1998 (11.09.1998)** DE

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD AND ARRAY FOR TWO-STAGE COOLING OF CARBONATED BEVERAGES TO THEIR FILLING TEMPERATURE

• PROCEDE ET DISPOSITIF POUR REFROIDIR EN DEUX ETAPES DES BOISSONS GAZEIFIEES JUSQU'A LEUR TEMPERATURE DE MISE EN CONTENANTS

(71) **TUCHENHAGEN GMBH** [DE/DE]; Am Industriepark 2-10, D-21514 Büchen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KALINOWSKI, Raimund** [DE/DE]; Giesensdorfer Weg 83, D-23909 Ratzeburg (DE).

(81) AU BR CA CN CZ JP KR MX NZ PL RU SG US VN; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁶ **B67D 5/06**

(11) **WO 00/15540** (13) A1

(21) PCT/US99/20953

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 60/100,318 **15 Sep/sep 1998 US (15.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • DISPENSING CLOSURE ASSEMBLY
• ASSEMBLAGE DE FERMETURE A ORIFICE DISTRIBUTEUR

(71) **LOCTITE CORPORATION** [US/US]; Hartford Square North, 10 Columbus Boulevard, Hartford, CT 06106 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PAGLIARO, Joseph, B.** [US/US]; 178 Willowbrook Drive, North Brunswick, NJ 08902 (US). **VAKIENER, Brian, R.** [US/US]; 501 Cedar Hollow Drive, Rocky Hill, CT 06067 (US).

(74) **SCOLA, Daniel, A., Jr.** et al. / etc.; Hoffmann & Baron, LLP, 6900 Jericho Turnpike, Syosset, NY 11791 (US).

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

(51)⁷ **B67D 5/32, 5/34**

(11) **WO 00/15541** (13) A1

(21) PCT/NL99/00560

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) nl (26) en

(30) 1010077 **14 Sep/sep 1998 NL (14.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • PROTECTION FOR A FUEL VALVE
• PROTECTION D'UNE VANNE DE CARBURANT

(71) **KOPPENS AUTOMATIC FABRIEKEN B.V.** [NL/NL]; Industrieweg 5, NL-5531 AD Bladel (NL).

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

(72, 75) **WILLEMSEN, Henricus, Johannes, Arnoldus** [NL/NL]; Jacob Meyerweg 4, NL-5531 CX Bladel (NL). **VAN SCHAIK, Marco** [NL/NL]; M. Cherubinastraat 13, NL-4817 KZ Breda (NL).

(74) **TIMMERMANS, A., C., Th.**; Octrooibureau Zuid en Bureau voor Merken en Modellen B.V., P.O. Box 4582, NL-5601 EN Eindhoven (NL).

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

(51)⁷ **B67D 5/365**

(11) **WO 00/15542** (13) A1

(21) PCT/NL99/00561

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) nl (26) en

(30) 1010078 **14 Sep/sep 1998 NL (14.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • HOSE STORING DEVICE
• DISPOSITIF DE RANGEMENT D'UN TUYAU SOUPLE

(71) **KOPPENS AUTOMATIC FABRIEKEN B.V.** [NL/NL]; Industrieweg 5, NL-5531 AD Bladel (NL).

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

(72, 75) **BAYENS, Walterus, Maria** [NL/NL]; Hekelstraat 14, NL-5541 VT Reusel (NL). **VAN DRIEL, Roelof** [NL/NL]; Strijpsstraat 40, NL-5616 GR Eindhoven (NL).

(74) **TIMMERMANS, A., C., Th.**; Octrooibureau Zuid en Bureau voor Merken en Modellen B.V., P.O. Box 4582, NL-5601 EN Eindhoven (NL).

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

(51)⁶ **B67D 5/56, 5/62**

(11) **WO 00/15543** (13) A1

(21) PCT/US99/21021

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 60/100,444 **15 Sep/sep 1998 US (15.09.1998)**

(30) 60/128,369 **8 Apr/avr 1999 US (08.04.1999)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • BEVERAGE DISPENSER
• DISTRIBUTEUR DE BOISSONS

(71) **IMI CORNELIUS INC.** [US/US]; One Cornelius Place, Anoka, MN 55303 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JONES, Brian, C.** [US/US]; 22 Farmington River Turnpike, Collinsville, CT 06022 (US). **SULLIVAN, Scott, J.** [US/US]; 1918 70th Avenue, Dresser, WI 54009 (US). **CURRIER, Peter, J.** [US/US]; 31 Summer Street, Torrington, CT 06790 (US). **DUCHENE, Russell, J.** [US/US]; 83 Pythian Avenue, Torrington, CT 06790 (US). **FAROOQUI, Amir** [PK/US]; 206 Village Drive, Torrington, CT 06790 (US). **ROTHWELL, Timothy, C.** [US/US]; 5113 Glenbrier Drive, Charlotte, NC 28212 (US). **ROGALA, Allen, L.** [US/US]; 122 Tara Drive, Torrington, CT 06790 (US).

(74) **HAKANSON, Sten, Erik**; IMI Cornelius Inc., One Cornelius Place, Anoka, MN 55303 (US).

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

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(51)⁷ **B81B 1/00, G01B 7/34**

(11) **WO 00/15544** (13) A1

(21) PCT/EP99/06685

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) de (26) de

(30) 198 41 909.0 **12 Sep/sep 1998 DE (12.09.1998)**

(30) 199 26 601.8 **11 Jun/juin 1999 DE (11.06.1999)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • APERTURE IN A SEMICONDUCTOR MATERIAL, AND THE PRODUCTION AND USE THEREOF
• OUVERTURE PRATIQUEE DANS UN MATERIAU SEMI-CONDUCTEUR ET

REALISATION DE CETTE OUVERTURE ET SON UTILISATION

(71) **UNIVERSITÄT GESAMTHOCHSCHULE KASSEL** [DE/DE]; Mönchebergstrasse 19, D-34109 Kassel (DE).

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(72, 75) **KASSING, Rainer** [DE/DE]; Goldsternweg 44, D-34128 Kassel (DE). **MHALCEA, Christophe** [DE/DE]; Hardenbergstrasse 2, D-34119 Kassel (DE). **OESTERSCHULZE, Egbert** [DE/DE]; Korbacher Strasse 28, D-34134 Kassel (DE).

(74) **MÜLLER, Eckhard**; Eifelstrasse 14, D-65597 Hünfelden-Dauborn (DE).

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

Published / Publiée : (c)

(51)⁷ **B82B 3/00, G11B 5/845, H01F 41/30**

(11) **WO 00/15545** (13) A1

(21) PCT/RU99/00091

(22) **30 Mar/mar 1999 (30.03.1999)**

(25) ru (26) ru

(30) 98117127 **11 Sep/sep 1998** RU
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR CONTROLLING THE SHAPE OF SYNTHESIS PARTICLES AND FOR PRODUCING MATERIALS AND DEVICES CONTAINING ORIENTED ANISOTROPIC PARTICLES AND NANOSTRUCTURES

• PROCEDE DE MODULATION DE LA FORME DE PARTICULES DE SYNTHÈSE ET DE PRÉPARATION DE MATÉRIAUX ET DE DISPOSITIFS CONTENANT DES NANOSTRUCTURES ET DES PARTICULES ORIENTÉES ANISOTROPIQUES

(71) **ISLE NANO-ELECTRONICS LIMITED** [GB/GB]; Prospect Chambers, Prospect Hill, Douglas, Isle of Man IM1 2PT (GB).

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

(72, 75) **GUBIN, Sergei Pavlovich** [RU/RU]; Leninsky pr., 13-145, Moscow, 117071 (RU). **OBYDENOV, Alexandr Jurievich** [RU/RU]; ul. Moskovskaya, 8-25, Novorossiisk, 353907 (RU). **SOLDATOV, Evgeny Sergeevich** [RU/RU]; Soloviiny proezd, 4-1-136, Moscow, 117593 (RU). **TRIFONOV, Artem Sergeevich** [RU/RU]; ul. B.Filevskaya, 27-1-2, Moscow, 121309 (RU). **KHANIN, Vladimir Viktorovich** [RU/RU]; Mikroraiion AB, 21-7, Puschino, Moskovskaya obl., 142142 (RU). **KHOMUTOV, Gennady Borisovich** [RU/RU]; ul. Piljugina, 12-1-251, Moscow, 117393 (RU).

(74) **DEMENTIEV, Vladimir, Nikolaevich**; B.Palashovsky per., 3, office 2, Moscow, 103104 (RU).

(81) AL AM AU BB BG BR CA CN CZ EE FI GE HU IS JP KE KG KP KR LK LR LS LT LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK TR TT UA UG US UZ VN; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁶ **C01B, G21F**

(11) **WO 00/15546** (13) A2

(21) PCT/FR99/02157

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) fr (26) fr

(30) 98/11334 **11 Sep/sep 1998** FR
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR CONFINING PLUTONIUM IN APATITE CERAMICS AND RESULTING PRODUCTS

• PROCEDE POUR CONFINER LE PLUTONIUM DANS DES CERAMIQUES APATITIQUES ET PRODUITS OBTENUS PAR CE PROCEDE

(71) **COMMISSARIAT A L'ENERGIE ATOMIQUE** [FR/FR]; 31-33, rue de la Fédération, F-75015 Paris (FR). **COMPAGNIE GENERALE DES MATIERES NUCLEAIRES** [FR/FR]; 2, rue Paul Dautier, F-78140 Vélizy-Villacoublay (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CARPENA, Joëlle** [FR/FR]; Le Turquet, Chemin de Baragne, F-13490 Jouques (FR). **BOYER, Laurent** [FR/FR]; 26, rue Jean Eymard, Résidence Le Gardian, F-05000 Gap (FR). **LACOUT, Jean-Louis** [FR/FR]; 36, rue de la Colombette, F-31000 Toulouse (FR).

(74) **SIGNORE, Robert**; Brevetome, 3, rue du Docteur Lancereaux, F-75008 Paris (FR).

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

(51)⁷ **C01B**

(11) **WO 00/15547** (13) A2

(21) PCT/US99/19522

(22) **26 Aug/août 1999 (26.08.1999)**

(25) en (26) en

(30) 09/141,397 **27 Aug/août 1998** US
(27.08.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METAL-CARBON COMPOSITE POWDERS, METHODS FOR PRODUCING POWDERS AND DEVICES FABRICATED FROM SAME

• POUDRES COMPOSITES METAL-CARBONE, PROCEDES RELATIFS A LEUR ELABORATION ET DISPOSITIFS FABRIQUES A PARTIR DE CES POUDRES

(71) **SUPERIOR MICROPOWDERS LLC** [US/US]; 3740 Hawkins N.E., Albuquerque, NM 87109 (US).

(72) **KODAS, Toivo, T.**; 11102 San Rafael Drive NE, Albuquerque, NM 87122 (US). **HAMPDEN-SMITH, Mark, J.**; 2901 Maximilian NW, Albuquerque, NM 87131 (US). **POWELL, Quint, H.**; 14336 Grand Avenue NE, Albuquerque, NM 87123 (US). **CARUSO, James**; 7721 Cedar Canyon Court, NE, Albuquerque, NM 87122 (US). **SKAMSER, Daniel, J.**; 10327 Hackamore Place, SW, Albuquerque, NM 87121 (US).

(74) **BREYFOGLE, Ross, E.**; Holme Roberts & Owen LLP, Suite 4100, 1700 Lincoln Street, Denver, Co 80203-4541 (US).

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

(51)⁷ **C01B**

(11) **WO 00/15548** (13) A2

(21) PCT/US99/21174

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) 60/100,078 **14 Sep/sep 1998** US
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • FULLERENE BASED SINTERED CARBON MATERIALS

• MATIERES CARBONEES FRITTEES A BASE DE FULLERENE

(71) **DIAMOND MATERIALS INC.** [US/US]; 120 Centennial Avenue, Piscataway, NJ 08854-3908 (US).

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

(72, 75) **VORONOV, Oleg, A.** [RU/US]; 56B Cedar Lane, Highland Park, NJ 08904 (US). **TOMPA, Gary, S.** [US/US]; 43 Franklin Drive, Belle Mead, NJ 08502 (US).

(74) **BOTJER, William, L.**; P.O. Box 478, Center Moriches, NY 11934 (US).

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

(51)⁶ **C01B 3/26**

(11) **WO 00/15549** (13) A1

(21) PCT/CN98/00190

(22) **14 Sep/sep 1998 (14.09.1998)**

(25) zh (26) zh

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • A SELF-HEATING METHANOL CRACKER

• CRAQUEUR DE METHANOL AUTO-CHAUFFANT

(71, 72) **LI, Congxiao** [CN/CN]; Suite 5-2, Fumin Mansion, North Station, Kunming City, Yunnan Province 650051 (CN).

(74) **CHINA SINDA INTELLECTUAL PROPERTY LIMITED**; China Garment Mansion, Suite 1300, No. 99 Jianguo Road, Chaoyang District, Beijing 100020 (CN).

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

(51)⁷ C01B 15/023, B01J 19/32, 19/24, 8/34

(11) WO 00/15550 (13) A1

(21) PCT/EP99/06366

(22) 28 Aug/août 1999 (28.08.1999)

(25) de (26) de

(30) 198 41 843.4 12 Sep/sep 1998 DE (12.09.1998)

(30) 198 43 574.6 23 Sep/sep 1998 DE (23.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR CARRYING OUT GAS-LIQUID REACTIONS AND CORRESPONDING FLOW REACTOR

• PROCEDE PERMETTANT DE CONDUIRE DES REACTIONS GAZ-LIQUIDE ET REACTEUR A ECOULEMENT CORRESPONDANT

(71) **DEGUSSA-HÜLS AKTIENGESELLSCHAFT** [DE/DE]; Weissfrauenstrasse 9, D-60311 Frankfurt am Main (DE).

(72) **SCHÜTTE, Rüdiger**; Im goldenen Ring 11, D-63755 Alzenau (DE). **EICKHOFF, Hubertus**; Julius-Pfister-Ring 12, D-63755 Alzenau (DE).

(81) AU BR CA CZ ID IL IN JP KR MX NZ PL TR ZA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)⁶ C01B 33/12, 33/26, 33/46

(11) WO 00/15551 (13) A1

(21) PCT/US99/21148

(22) 15 Sep/sep 1999 (15.09.1999)

(25) en (26) en

(30) 98203134.6 17 Sep/sep 1998 EP (17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • INORGANIC OXIDES WITH MESOPOROSITY OR COMBINED MESO-AND MICROPOROSITY AND PROCESS FOR THE PREPARATION THEREOF

• OXYDES INORGANIKES MESOPOREUX OU A LA FOIS MESOPOREUX ET MICROPOREUX ET PROCEDE DE PREPARATION ASSOCIE

(71) **TECHNISCHE UNIVERSITEIT DELFT** [NL/NL]; Julianalaan 134, NL-2628 BL Delft (NL). **ABB LUMMUS GLOBAL, INC.** [US/US]; 1515 Broad Street, Bloomfield, NJ 07003-3096 (US).

(72) **SHAN, Zhiping**; Delft (NL). **MASCHMEYER, Thomas**; Delft (NL). **JANSEN, Jacobus, Cornelis**; Delft (NL).

(74) **OLSTEIN, Elliot, M.** et al. / etc.; Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein, 6 Becker Farm Road, Roseland, NJ 07068 (US).

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

(51)⁷ C01B 33/146, B41M 5/00

(11) WO 00/15552 (13) A1

(21) PCT/JP99/04860

(22) 8 Sep/sep 1999 (08.09.1999)

(25) ja (26) ja

(30) 10/256345 10 Sep/sep 1998 JP (10.09.1998)

(30) 10/273691 28 Sep/sep 1998 JP (28.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • MONILIFORM SILICA SOL, PROCESS FOR PRODUCING THE SAME, AND INK-JET RECORDING MEDIUM

• SOLUTION COLLOIDALE DE SILICE MONILIFORME, PROCEDE DE PRODUCTION ASSOCIE ET SUPPORT D'ENREGISTREMENT DE JETS D'ENCRE

(71) **NISSAN CHEMICAL INDUSTRIES, LTD.** [JP/JP]; 7-1, Kandanshiki-cho 3-chome, Chiyoda-ku, Tokyo 101-0054 (JP).

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(72, 75) **WATANABE, Yoshitane** [JP/JP]; Nissan Chemical Industries, Ltd. Central Research Institute, 722-1, Tsuboi-cho, Funabashi-shi, Chiba 274-8507 (JP). **KASHIMA, Yoshiyuki** [JP/JP]; Nissan Chemical Industries, Ltd. Central Research Institute, 722-1, Tsuboi-cho, Funabashi-shi, Chiba 274-8507 (JP). **EMA,**

Kiyomi [JP/JP]; Nissan Chemical Industries, Ltd. Central Research Institute, 722-1, Tsuboi-cho, Funabashi-shi, Chiba 274-8507 (JP). **OHMORI, Yutaka** [JP/JP]; Nissan Chemical Industries, Ltd. Central Research Institute, 722-1, Tsuboi-cho, Funabashi-shi, Chiba 274-8507 (JP).

(74) **HANABUSA, Tsuneo** et al. / etc.; Hanabusa Patent Office, Ochanomizu Square B, 6, Kandasurugadai 1-chome, Chiyoda-ku, Tokyo 101-0062 (JP).

(81) CA CN JP KR NO US; EP (AT BE CH DE ES FI FR GB IT NL SE).

(51)⁷ C01B 39/02, 39/16

(11) WO 00/15553 (13) A1

(21) PCT/US99/14704

(22) 30 Jun/juin 1999 (30.06.1999)

(25) en (26) en

(30) 09/151,379 10 Sep/sep 1998 US (10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ZEOLITES AND METHODS OF MAKING THEREOF

• ZEOLITES ET LEURS PROCEDES DE PREPARATION

(71) **THE B.F. GOODRICH COMPANY** [US/US]; 4020 Kinross Lakes Parkway, Richfield, OH 44286-9368 (US).

(72) **MAZANY, Anthony, M.**; 477 Malvern Road, Akron, OH 44303-1737 (US). **LEPILLEUR, Carole, A.**; 560 Lake of the Woods, Akron, OH 44333 (US). **BACKMAN, Arthur, L.**; 8361 Whitewood Road, Brecksville, OH 44141 (US). **MILENIUS, David, L.**; 85 Buckingham Road, Rocky River, OH 44116 (US).

(74) **CALLOWAY, Valerie, L.** et al. / etc.; The B.F. Goodrich Company, 9921 Brecksville Road, Brecksville, OH 44141-3289 (US).

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

(51)⁶ C01D 5/00, 5/08

(11) WO 00/15554 (13) A1

(21) PCT/US99/19401

(22) 26 Aug/août 1999 (26.08.1999)

(25) en (26) en

(30) 09/152,103 14 Sep/sep 1998 US (14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • PROCESS FOR PRODUCING POTASSIUM SULFATE FROM POTASH AND SODIUM SULFATE

• PROCEDE DE PRODUCTION DE SULFATE DE POTASSIUM A PARTIR DE POTASSE ET DE SULFATE DE SODIUM

(71) **DEAD SEA WORKS LTD.** [IL/IL]; P.O. Box 75, 84100 Beer Sheva (IL).
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(71) **FRIEDMAN, Mark, M.** [-/IL]; - (IL).
(only for / seulement pour TJ)

(72, 75) **HOLDENGRABER, Curt** [IL/IL]; 2 Carmel Street, Kiryat Tivon 36081 (IL).
LAMPERT, Shalom [US/IL]; 59 Yakinton Street, Maalot 21520 (IL).

(74) **FRIEDMAN, Mark, M.**; c/o Castorina, Anthony, Suite 207, 2001 Jefferson Davis Highway, Arlington, VA 22202 (US).

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

(51)⁷ **C01G 1/02, 35/00, 33/00, H01G 9/05, C04B 35/495**

(11) **WO 00/15555** (13) A1

(21) PCT/US99/21193

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 09/154,452 **16 Sep/sep 1998** US
(16.09.1998)

(30) 09/347,990 **6 Jul/juil 1999** US
(06.07.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHODS TO PARTIALLY REDUCE A NIOBIUM METAL OXIDE AND OXYGEN REDUCED NIOBIUM OXIDES

• PROCEDES PERMETTANT DE REDUIRE PARTIELLEMENT UN OXYDE METALLIQUE DE NIOBIUM ET OXYDES DE NIOBIUM A REDUCTION D'OXYGENE A TENEUR REDUITE EN OXYGENE

(71) **CABOT CORPORATION** [US/US]; 75 State Street, Boston, MA 02109-1806 (US).

(72) **FIFE, James, A.**; Apartment H, 642 East Flint Lake Court, Myrtle Beach, SC 29579 (US).

(74) **FINNEGAN, Martha, Ann**; Cabot Corporation, 157 Concord Road, P.O. Box 7001, Billerica, MA 01821-7001 (US).

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

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(51)⁷ **C01G 1/02, 35/00, 33/00, H01G 9/05, C04B 35/495**

(11) **WO 00/15556** (13) A1

(21) PCT/US99/21413

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) en (26) en

(30) 60/100,629 **16 Sep/sep 1998** US
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHODS TO PARTIALLY REDUCE CERTAIN METAL OXIDES AND OXYGEN REDUCED METAL OXIDES

• PROCEDES PERMETTANT DE REDUIRE PARTIELLEMENT CERTAINS OXYDES METALLIQUES ET OXYDES METALLIQUES REDUITS PAR L'OXYGENE

(71) **CABOT CORPORATION** [US/US]; 75 State Street, Boston, MA 02109-1806 (US).

(72) **FIFE, James, A.**; Apartment H, 642 East Flint Lake Court, Myrtle Beach, SC 29579 (US).

(74) **FINNEGAN, Martha, Ann**; Cabot Corporation, 157 Concord Road, P.O. Box 7001, Billerica, MA 01821-7001 (US).

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

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(51)⁷ **C01G 45/00, H01M 4/50**

(11) **WO 00/15557** (13) A1

(21) PCT/GB99/02858

(22) **31 Aug/août 1999 (31.08.1999)**

(25) en (26) en

(30) 9819696.7 **11 Sep/sep 1998** GB
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • MANGANESE OXIDE-BASED MATERIAL

• MATERIAU A BASE D'OXYDE DE MANGANESE

(71) **AEA TECHNOLOGY PLC** [GB/GB]; 329 Harwell, Didcot, Oxfordshire OX11 0RA (GB).

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(72, 75) **COOWAR, Fazlil** [FR/GB]; 83 Samar Way, Didcot, Oxfordshire OX11 8RE (GB).

(74) **MANSFIELD, Peter, Turquand** et al. / etc.; AEA Technology plc, Patents Dept., 329 Harwell, Didcot, Oxfordshire OX11 0RA (GB).

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

Published / Publiée : (c)

(51)⁷ **C02F 1/04, 1/10, 1/16**

(11) **WO 00/15558** (13) A1

(21) PCT/US99/19852

(22) **30 Aug/août 1999 (30.08.1999)**

(25) en (26) en

(30) 09/150,870 **10 Sep/sep 1998** US
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • THERMAL EVAPORATION APPARATUS

• APPAREIL D'EVAPORATION THERMIQUE

(71) **WIS-TEX TECHNOLOGIES, L.L.C.** [US/US]; 4306 South Highway 377, Brownwood, TX 76801 (US).

(72) **BOLTON, Danny, R.**; 13501 County Road 105, Brownwood, TX 76801 (US). **BIGHAM, James, E.**; 120 Miami, Coleman, TX 76834 (US). **SMITH, David, G.**; 9591 North Bay Drive, Baileys Harbor, WI 54202 (US).

(74) **THOMPSON, Daniel, V.**; Thompson & Howison, L.L.P., Suite 995, 12225 Greenville Avenue, Dallas, TX 75243 (US).

(81) AU BR CA CN ID IL IN JP KR MX NO NZ PL RU SG TR UA ZA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ **C02F 1/28, 1/52**

(11) **WO 00/15559** (13) A1

(21) PCT/GB99/02981

(22) **8 Sep/sep 1999 (08.09.1999)**

(25) en (26) en

(30) 9819731.2 **11 Sep/sep 1998** GB
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • LIQUID TREATMENT

• TRAITEMENT D'UN LIQUIDE

(71) **UNIVERSITY OF YORK** [GB/GB]; Heslington Hall, York YO10 5DD (GB).

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(72, 75) **WILSON, Ashley, John** [GB/GB]; University of York, Centre for Cell and Tissue Research, Department of Biology, P.O. Box 373, York YO10 5YW (GB).

(74) **HARRISON GODDARD FOOTE**; Belmont House, 20 Wood Lane, Leeds LS6 2AE (GB).

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

(51)⁶ C02F 1/28, B01J 20/22

(11) WO 00/15560 (13) A1

(21) PCT/US99/21130

(22) 14 Sep/sep 1999 (14.09.1999)

(25) en (26) en

(30) 09/156,291 17 Sep/sep 1998 US (17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • REMOVAL OF ALGAE-ASSOCIATED ODORANTS FROM FRESH WATER

- ELIMINATION DE CONTAMINANTS MALODORANTS ASSOCIES AUX ALGUES SE TROUVANT DANS L'EAU DOUCE

(71) AFFINITI, LLC [US/US]; Suite 111, 411 Business Center Drive, Mt. Prospect, IL 60056 (US).

(72) SMITH, Paul, K.; 6807 Kinnikinnick Drive, Roscoe, IL 61073 (US). BERGMANN, Eugene, P.; 1655 Carmel Court, Hoffman Estates, IL 60194 (US).

(74) GAMSON, Edward, P. et al. / etc.; Welsh & Katz, Ltd., 22nd floor, 120 South Riverside Plaza, Chicago, IL 60606 (US).

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

(51)⁶ C02F 1/461

(11) WO 00/15561 (13) A1

(21) PCT/KR99/00360

(22) 6 Jul/juil 1999 (06.07.1999)

(25) en (26) en

(30) 09/154,833 17 Sep/sep 1998 US (17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • APPARATUS AND METHOD OF PRODUCING WATER FOR DEODORIZATION AND CLEANING APPLICATIONS

- PROCEDE ET DISPOSITIF DE PRODUCTION D'EAU DESTINEE A DES

APPLICATIONS DE DESODORISATION ET DE NETTOYAGE

(71) KYUNGWON ENTERPRISE CO., LTD. [KR/KR]; Room 809 Winners Officetel, 175-2 Chamsil-dong, Songpa-ku, Seoul 138-220 (KR).

(71, 72) KIM, Hee, Jeong [KR/KR]; 7-305 Asia Seonsuchon Apt., 86, Chamsil-dong, Songpa-ku, Seoul 138-220 (KR).

(74) LEE, Hoo, Dong; 7th-11th floors, Hankook Tire Building, 647-15 Yoksam-dong, Kangnam-ku, Seoul 135-723 (KR).

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

(51)⁶ C02F 1/50

(11) WO 00/15562 (13) A1

(21) PCT/US99/14468

(22) 25 Jun/juin 1999 (25.06.1999)

(25) en (26) en

(30) 09/151,637 11 Sep/sep 1998 US (11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD OF CONTROLLING BIOFOULING IN AQUEOUS MEDIA USING ANTIMICROBIAL EMULSIONS

- PROCEDE DE LUTTE CONTRE L'ENCRASSEMENT BIOLOGIQUE DANS UN MILIEU AQUEUX A L'AIDE D'EMULSIONS ANTIMICROBIENNES

(71) NALCO CHEMICAL COMPANY [US/US]; One Nalco Center, Naperville, IL 60563-1198 (US).

(72) YANG, Shunong; 1708 Warbler Drive, Naperville, IL 60565 (US). ENZIEN, Michael, V.; 3125 Quincy Lane, Aurora, IL 60504 (US). WU, May, M.; 16329 Cobbler Court, Tinley Park, IL 60477 (US). McCOY, William, F.; 735 Thornapple Drive, Naperville, IL 60540 (US).

(74) KEEFER, Timothy, J.; Ladas & Parry, 224 S. Michigan Avenue, Chicago, IL 60604 (US).

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

(51)⁶ C02F 3/00, D03D 3/00

(11) WO 00/15563 (13) A1

(21) PCT/US99/21489

(22) 17 Sep/sep 1999 (17.09.1999)

(25) en (26) en

(30) 09/155,000 17 Sep/sep 1998 US (17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • IMPROVED MICROBIAL BIOMASS SUPPORT STRUCTURE AND METHODS FOR MAKING SAME

- STRUCTURE DE SUPPORT AMELIOREE POUR BIOMASSE MICROBIENNE ET SON PROCEDE DE PRODUCTION

(63) US 09/128,103 (CIP) 3 Aug/août 1998 (03.08.1998)

(71, 72) HOBBS, Carey [US/US]; 200 S. Commerce, Waco, TX 76710 (US).

(72, 75) NATIVIDAD, Vidal, Danilo [US/US]; 200 S. Commerce, Waco, TX 76710 (US). BRANTNER, Glyndie, Ray [US/US]; 200 S. Commerce, Waco, TX 76710 (US). MASSINGILL, Michael, J. [US/US]; 11125 Flintkote Ave., Suite J, San Diego, CA 92121 (US).

(74) HENRY, David, G.; 5th-8th floors, 900 Washington Avenue, P.O. Box 1470, Waco, TX 76703-1470 (US).

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

(51)⁶ C02F 3/04, 3/30, 3/12

(11) WO 00/15564 (13) A1

(21) PCT/CA98/00854

(22) 14 Sep/sep 1998 (14.09.1998)

(25) en (26) en

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • WASTE WATER TREATMENT

- TRAITEMENT DES EAUX USEES

(71) OXYDH20 CANADA INC. [CA/CA]; 2186 de la Province, Longueuil, Quebec J4G 1R7 (CA).

(71, 72) COUTURE, Real [CA/CA]; 2426 Du Buran, Varennes, Quebec J3X 1L2 (CA).

(72) TREMBLAY, Denis; 519 - 1ere Rue, Iberville, Quebec J2K 3A5 (CA).

(74) FINCHAM, Eric; Suite 104, 1991 Perigny Boulevard, Chambly, Quebec J3L 4C3 (CA).

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

(51)⁷ C02F 3/04

(11) WO 00/15565 (13) A2

(21) PCT/CA99/00829

(22) 10 Sep/sep 1999 (10.09.1999)

(25) en (26) en

(30) 09/151,342 11 Sep/sep 1998 US (11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • FLUIDIZED RADIAL FLOW BIO-REACTOR UTILIZING PELLET MEDIA

• BIOREACTEUR A ECOULEMENT RADIAL FLUIDISE UTILISANT DES MILIEUX DE CULTURE SOUS FORME DE GRANULES

(71, 72) VAN TOEVER, J., Wayne [CA/US]; 401 Tim Warren Road, Bristol, TN 37620 (US).

(74) SINGLEHURST, John, C.; Finlayson & Singlehurst, 70 Gloucester Street, Ottawa, Ontario K2P 0A2 (CA).

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

(51)⁶ C02F 3/20

(11) WO 00/15566 (13) A1

(21) PCT/US99/20833

(22) 10 Sep/sep 1999 (10.09.1999)

(25) en (26) en

(30) 09/152,214 11 Sep/sep 1998 US (11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • WASTEWATER TREATMENT SYSTEM
• SYSTEME DE TRAITEMENT DES EAUX USEES

(71) AQUA PARTNERS, LTD. [US/US]; 7936 Goldstar, Lumberton, TX 77637 (US).
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(72, 75) DREWERY, T., Gig [US/US]; 7678 Cobblestone Terrace, Lumberton, TX 77657 (US).

(74) EGBERT, John, S.; Harrison & Egbert, Suite 100, 1018 Preston Street, Houston, TX 77002 (US).

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

(51)⁷ C03B 37/02

(11) WO 00/15567 (13) A1

(21) PCT/US99/16585

(22) 22 Jul/juil 1999 (22.07.1999)

(25) en (26) en

(30) 09/152,743 14 Sep/sep 1998 US (14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • SYSTEM FOR DELIVERING COOLANT AIR TO A GLASS FIBER ATTENUATION ZONE

• SYSTEME POUR ENVOYER DE L'AIR DE REFROIDISSEMENT DANS UNE ZONE D'ATTENUATION DE FIBRES DE VERRE

(71) OWENS CORNING [US/US]; One Owens Corning Parkway, Toledo, OH 43659 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BAKER, John [US/US]; 1645 Londondale Parkway, Newark, OH 43055 (US).
DOWLATI, Ramin [CA/US]; 4791-2G Lake Forest Boulevard, Westerville, OH 43081 (US).
SRINIVASAN, Seshadri [US/US]; 490 Olenwood Avenue, Worthington, OH 43085 (US).
SNEDDEN, Andrew [US/US]; 9517 Mulberry Road Southeast, Mount Perry, OH 43760 (US).

(74) ECKERT, Inger et al. / etc.; Owens Corning Science & Technology Center, Building 54, 2790 Columbus Road, Granville, OH 43023-1200 (US).

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

(51)⁷ C03B 37/10, 37/16, C04B 14/42, C08K 3/40, D21B 1/04, 1/06, B02C 13/00, 13/26

(11) WO 00/15568 (13) A1

(21) PCT/GB99/02993

(22) 9 Sep/sep 1999 (09.09.1999)

(25) en (26) en

(30) 9819800.5 12 Sep/sep 1998 GB (12.09.1998)

(30) 9911536.2 19 May/mai 1999 GB (19.05.1999)

(30) 9917587.9 28 Jul/juil 1999 GB (28.07.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • IMPROVEMENTS IN OR RELATING TO GLASS FIBRE

• AMELIORATIONS RELATIVES A LA FIBRE DE VERRE

(71) ASSET ASSOCIATES LIMITED [GB/GB]; 18-20 Queens's Road, Aberdeen AB15 4ZT (GB).

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

(72, 75) ERSKINE, William, Robertson, Cunningham [GB/GB]; The Old Mill, Mill of Kincaigie, Coull, Near Aboyne, Aberdeenshire AB34 4TT (GB).

(74) KEITH W NASH & CO; 90-92 Regent Street, Cambridge CB2 1DP (GB).

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

Published / Publiée : (c)

(51)⁷ C03B 37/10, 37/16, C03C 1/00, C04B 14/42, C08K 3/40, D21B 1/04, 1/06, B02C 13/00

(11) WO 00/15569 (13) A1

(21) PCT/GB99/02995

(22) 9 Sep/sep 1999 (09.09.1999)

(25) en (26) en

(30) 9819800.5 12 Sep/sep 1998 GB (12.09.1998)

(30) 9911535.4 19 May/mai 1999 GB (19.05.1999)

(30) 9917590.3 28 Jul/juil 1999 GB (28.07.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • TREATMENT OF FIBRES
• TRAITEMENT DE FIBRES

(71) **ASSET ASSOCIATES LIMITED** [GB/GB]; 18-20 Queen's Road, Aberdeen AB15 4ZT (GB).
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(72, 75) **ERSKINE, William, Robertson, Cunningham** [GB/GB]; The Old Mill, Mill of Kincairnie, Coull, Near Aboyne, Aberdeen AB34 4TT (GB).

(74) **KEITH W NASH & CO.**; 90-92 Regent Street, Cambridge CB2 1DP (GB).

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

(51)⁷ **C03C 3/06, C03B 19/14**

(11) **WO 00/15570** (13) A1

(21) PCT/EP99/03342

(22) **14 May/mai 1999 (14.05.1999)**

(25) de (26) de

(30) 198 41 932.5 **14 Sep/sep 1998 DE (14.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • OPTICAL COMPONENT MADE OF SILICA GLASS AND METHOD FOR THE PRODUCTION THEREOF
• COMPOSANT OPTIQUE EN VERRE QUARTZEUX ET SON PROCEDE DE PRODUCTION

(71) **HERAEUS QUARZGLAS GMBH & CO. KG** [DE/DE]; Quarzstrasse, D-63450 Hanau (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **UEBBING, Bruno** [DE/DE]; Jahnstrasse 17, D-63755 Alzenau (DE). **KÜHN, Bodo** [DE/DE]; Steinheimer Strasse 43, D-63450 Hanau (DE).

(74) **SÖLL, Eva**; Heraeus Quarzglas GmbH & Co. KG, Schutzrechte, Quarzstrasse, D-63450 Hanau (DE).

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

(51)⁷ **C03C 17/34, 17/36, 17/245**

(11) **WO 00/15571** (13) A1

(21) PCT/US99/20665

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) en (26) en

(30) 09/156,730 **17 Sep/sep 1998 US (17.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ALKALI METAL DIFFUSION BARRIER LAYER

• COUCHE BARRIERE DE DIFFUSION DE METAL ALCALIN

(71) **PPG INDUSTRIES OHIO, INC.** [US/US]; 3800 West 143rd Street, Cleveland, OH 44111 (US).

(72) **FINLEY, James, J.**; 111 Cornwall Drive, Pittsburgh, PA 15238 (US). **GILLERY, F., Howard**; 2790 Indian Spring Lane, Allison Park, PA 15101 (US).

(74) **LEPIANE, Donald, C.**; PPG Industries, Inc., One PPG Place, Pittsburgh, PA 15272 (US) et al. / etc.

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

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(51)⁷ **C03C 17/34**

(11) **WO 00/15572** (13) A2

(21) PCT/US99/20756

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) en (26) en

(30) 60/100,763 **17 Sep/sep 1998 US (17.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • HEAT STRENGTHENED COATED GLASS ARTICLE AND METHOD FOR MAKING SAME

• ARTICLE EN VERRE A RESISTANCE ACCRUE PAR TRAITEMENT THERMIQUE ET PROCEDE DE FABRICATION DUDIT ARTICLE

(71) **LIBBEY-OWENS-FORD CO.** [US/US]; 811 Madison Avenue, Toledo, OH 43697 (US).

(72) **McCURDY, Richard, J.**; 14 Aswood Court, Aurora, IL 60506 (US). **PHILLIPS, Steven, E.**; 420 Heritage Lane, Ottawa, IL 61350 (US). **PERRY, David, W.**; 343 Lee Lane, Ottawa, IL 61350 (US). **SOUBEYRAND, Michel, J.**; 7935 North Shoreline Drive, Holland, OH 43528 (US).

(74) **MARSHALL & MELHORN**; 8th floor, Four SeaGate, Toledo, OH 43604 (US).

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

(51)⁷ **C04B 28/24, 30/02, C03C 25/10, C09D 5/34, C09K 3/10 // (C04B 28/24, 14:46)**

(11) **WO 00/15573** (13) A1

(21) PCT/GB99/03062

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 9820123.9 **15 Sep/sep 1998 GB (15.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • REFRACTORY MASTICS

• MASTIQUES REFRACTAIRES

(71) **THE MORGAN CRUCIBLE COMPANY PLC** [GB/GB]; Morgan House, Madeira Walk, Windsor, Berkshire SL4 1EP (GB).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **EATON, Paul, Nigel** [GB/GB]; Morgan Materials Technology Limited, Bewdley Road, Stourport-on-Severn, Worcestershire DY13 8QR (GB).

(74) **PHILLIPS & LEIGH**; 7 Staple Inn, Holborn, London WC1V 7QF (GB).

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

Published / Publiée : (c)

(51)⁷ **C04B 28/24, 30/02 // (C04B 28/24, 14:46)**

(11) **WO 00/15574** (13) A1

(21) PCT/GB99/03085

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 9820124.7 **15 Sep/sep 1998 GB (15.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • BONDED FIBROUS MATERIALS

• MATERIAUX FIBREUX LIES

(71) **THE MORGAN CRUCIBLE COMPANY PLC** [GB/GB]; Morgan House, Madeira Walk, Windsor, Berkshire SL4 1EP (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JUBB, Gary, Anthony** [GB/GB]; 1 Wynn Close, Wribbenhall, Bewdley, Worcestershire DY13 8QR (GB). **MARTIN, Jean-Louis** [FR/FR]; 6 Impasse des Genets, F-42600 Montbrisson (FR). **MILLER, Jane** [GB/GB]; 86 Oldmere Road, Ellesmere Port, Cheshire CH65 8DE (GB). **WOTOVIC, Arlette** [FR/FR]; 8 rue de Berger, F-67160 Wissembourg (FR). **TODD, Lindsay, John, Harold** [GB/GB]; 17 Westry Close, Moreton, Wirral, Merseyside CH46 6JT (GB).

- (74) **PHILLIPS & LEIGH**; 7 Staple Inn, Holborn, London WC1V 7QF (GB).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (b)

(51)⁷ **C04B 35/468, H01B 3/12, H01P 7/10, H01G 4/12**(11) **WO 00/15575** (13) A1

(21) PCT/DE99/02780

(22) **2 Sep/sep 1999 (02.09.1999)**

(25) de (26) de

(30) 198 41 487.0 **10 Sep/sep 1998 (10.09.1998)** DE

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • REDUCTION-STABLE CERAMIC SUBSTANCES
• MATIERES CERAMIQUES STABLES A LA REDUCTION

(71) **SIEMENS MATSUSHITA COMPONENTS GMBH & CO. KG** [DE/DE]; Balanstrasse 73, D-81541 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FELTZ, Adalbert** [DE/AT]; Burgegerstrasse 50, A-8530 Deutschlandsberg (AT). **WEBHOFER, Andreas** [AT/AT]; Nölbling 29, A-9635 Dellach (AT). **AICHHOLZER, Klaus-Dieter** [AT/AT]; Schwanberger Strasse 16, A-8530 Deutschlandsberg (AT).

(74) **SIEMENS MATSUSHITA COMPONENTS GMBH & CO. KG**; Zedlitz, Peter, Postfach 22 13 17, D-80503 München (DE).

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

Published / Publiée : (c)

(51)⁷ **C04B 35/524, 38/00, H01M 4/96, 4/90**(11) **WO 00/15576** (13) A1

(21) PCT/GB99/02961

(22) **7 Sep/sep 1999 (07.09.1999)**

(25) en (26) en

(30) 9820109.8 **15 Sep/sep 1998 (15.09.1998)** GB

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • VITRIFIED CARBON COMPOSITIONS
• COMPOSITIONS DE CARBONE VITRIFIE

(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) **CLARK, Duncan, Guy** [GB/GB]; Westam House, Marlston Road, Hermitage, Berkshire RG18 9SU (GB). **TURPIN, Mark, Christopher** [GB/GB]; 16 Willow Close, East Leake, Loughborough, Leicestershire LE12 6PU (GB). **WHYTE, Ian** [GB/GB]; 23 Nante-Y-Felin, Efailisaf, Pontypridd, Mid Glamorgan CS38 1YY (GB). **COOLEY, Graham, Edward** [GB/GB]; Forge House, Chapel Lane, Fernham, Nr Faringdon, Oxfordshire SN7 7PE (GB).

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

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

(51)⁶ **C04B 35/80**(11) **WO 00/15577** (13) A1

(21) PCT/JP99/05018

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) ja (26) ja

(30) 10/261932 **16 Sep/sep 1998 (16.09.1998)** JP

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • CERAMICS-BASED COMPOSITE MATERIAL EXCELLENT IN HIGH-TEMPERATURE DURABILITY
• MATERIAU COMPOSITE A BASE DE CERAMIQUE AYANT UNE EXCELLENTE STABILITE A TEMPERATURE ELEVEES

(71) **RESEARCH INSTITUTE OF ADVANCED MATERIAL GAS-GENERATOR, LTD.** [JP/JP]; Nihon Seimei Otsuka Building, 13-4, Kita Otsuka 1-chome, Toshima-ku, Tokyo 170-0004 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAKAYASU, Tetsuo** [JP/JP]; Research Institute of Advanced Material Gas-Generator, Ltd., Ube Branch, c/o Ube Research Laboratory, Ube Industries, Ltd., 1978-5, Oaza Kogushi, Ube-shi, Yamaguchi 755-0067 (JP).

(74) **HATORI, Osamu**; Akasaka HKN Building 6F, 8-6, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).

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

(51)⁷ **C04B 37/02**(11) **WO 00/15578** (13) A1

(21) PCT/FR99/02156

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) fr (26) fr

(30) 98/11339 **11 Sep/sep 1998 (11.09.1998)** FR

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • METAL-ALUMINIUM-NITRIDE ASSEMBLY WITH RARE EARTH NITRIDE PRESENT IN THE INTERFACE TO ENSURE HEAT TRANSFER
• ASSEMBLAGE METAL-NITRURE D'ALUMINIUM, AVEC PRESENCE DE NITRURE DE TERRE(S) RARE(S) A L'INTERFACE POUR ASSURER LE TRANSFERT THERMIQUE

(71) **COMMISSARIAT A L'ENERGIE ATOMIQUE** [FR/FR]; 31-33, rue de la Fédération, F-75015 Paris 15ème (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BAFFIE, Thierry** [FR/FR]; 24, rue Amédée Morel, F-38000 GRENOBLE (FR). **SAINT-ANTONIN, François** [FR/FR]; 8, rue Servan, F-38000 GRENOBLE (FR).

(74) **SIGNORE, Robert**; Brevatome, 3, rue du Docteur Lancereaux, F-75008 Paris (FR).

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

(51)⁷ **C04B 41/85**(11) **WO 00/15579** (13) A1

(21) PCT/EP99/06651

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) de (26) de

(30) 198 41 321.1 **10 Sep/sep 1998 (10.09.1998)** DE

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • METHOD FOR DYEING CERAMIC SURFACES
• PROCEDE POUR TEINTER DES SURFACES CERAMIQUES

(71) **BK GIULINI CHEMIE GMBH UND CO. OHG** [DE/DE]; Giulinistrasse 2, D-67065 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STAFFEL, Thomas** [DE/DE]; Saarlandstrasse 3, D-67269 Grünstadt (DE). **KLEIN, Thomas** [DE/DE]; Fritz-Frey-Strasse 8, D-69121 Heidelberg (DE). **STRAUB, Jürgen** [DE/DE]; Waldstrasse 204, D-68305 Mannheim (DE). **SCHMITHÜSEN, Jens** [DE/DE]; Tausstrasse 9, D-56410 Montabaur (DE).

(74) **BK GIULINI CHEMIE GMBH UND CO. OHG**; Giulinistrasse 2, D-67065 Ludwigshafen (DE).

(81) AU BR CA CN HU IL MX PL RO RU SG TR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)⁷ C04B 41/85, C09C 1/00

(11) WO 00/15580 (13) A1

(21) PCT/EP99/06652

(22) 9 Sep/sep 1999 (09.09.1999)

(25) de (26) de

(30) 198 41 318.1 10 Sep/sep 1998 DE (10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● METHOD FOR DYING CERAMIC SURFACES

● PROCEDE POUR TEINTER DES SURFACES CERAMIQUES

(71) BK GIULINI CHEMIE GMBH UND CO. OHG [DE/DE]; Giuliniinstrasse 2, D-67065 Ludwigshafen (DE).

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

(72, 75) STAFFEL, Thomas [DE/DE]; Saarlandstrasse 3, D-67269 Grünstadt (DE). KLEIN, Thomas [DE/DE]; Fritz-Frey-Strasse 8, D-69121 Heidelberg (DE). STRAUB, Jürgen [DE/DE]; Waldstrasse 204, D-68305 Mannheim (DE). SCHMITHÜSEN, Jens [DE/DE]; Taunusstrasse 9, D-56410 Montabaur (DE).

(74) BK GIULINI CHEMIE GMBH UND CO. OHG; Giuliniinstrasse 2, D-67065 Ludwigshafen (DE).

(81) AU BR CA CN HU IL MX PL RO RU SG TR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ C04B 41/87

(11) WO 00/15581 (13) A1

(21) PCT/EP99/06677

(22) 10 Sep/sep 1999 (10.09.1999)

(25) de (26) de

(30) 198 41 925.2 14 Sep/sep 1998 DE (14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● METHOD FOR CURING CRACKS IN CERAMIC SHAPED BODIES AND SHAPED BODIES TREATED IN SUCH A MANNER

● PROCEDE POUR REPARER DES FISURES DANS DES CORPS MOULES CERAMIQUES ET CORPS MOULES TRAITES A L'AIDE DUDIT PROCEDE

(71) AVENTIS RESEARCH & TECHNOLOGIES GMBH & CO KG [DE/DE]; D-65926 Frankfurt am Main (DE).

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

(72, 75) BÄCKER, Michael [DE/DE]; Burgunderstrasse 2a, D-50677 Köln (DE). BOCK, Joachim [DE/DE]; Am Burgfeld

51, D-50374 Erfstadt (DE). FREY-HARDT, Herbert [DE/DE]; Steinbreite 5, D-37085 Göttingen (DE). LEEN-DEERS, Andreas [DE/DE]; Leibnitzstrasse 9, D-37083 Göttingen (DE). WALTER, Heribert [DE/DE]; Eschenbergweg 9, D-37081 Göttingen (DE). ULRICH, Martin [DE/DE]; Klingelgärten 13, D-35633 Lahnu-Atzbach (DE).

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

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(51)⁷ C05F

(11) WO 00/15582 (13) A2

(21) PCT/MX99/00026

(22) 10 Sep/sep 1999 (10.09.1999)

(25) es (26) es

(30) 987371 10 Sep/sep 1998 MX (10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● PROCESS FOR FABRICATING 100 % ORGANIC-BIOLOGIC FERTILIZER/DEPARASITIZER

● PROCEDE DE FABRICATION D'UN FERTILISANT/DEPARASITEUR 100 % ORGANICOBIOLOGIQUE

(71, 72) GARCIA URBINA, Juan Alfonso [MX/MX]; Calle Andador Uno #224, Col. Banobras, La Paz, Baja California Sur 23080 (MX).

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

(51)⁷ C05F 5/00, 17/00, C05C 9/00, C05F 11/00

(11) WO 00/15583 (13) A1

(21) PCT/GR99/00034

(22) 10 Sep/sep 1999 (10.09.1999)

(25) en (26) en

(30) 980100343 16 Sep/sep 1998 GR (16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● SOIL IMPROVING BIOHUMIC FERTILIZER FROM OLIVE KERNEL

● ENGRAIS BIOHUMIQUE AMELIORANT LES SOLS ET OBTENU A PARTIR DE NOYAUX D'OLIVES

(71, 72) NINOLAKIS, Markos [GR/GR]; 2 Sal-teli Str., GR-111 41 Athens (GR).

(81) AL AU CN CR ID IL IN JP MX TR US ZA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁶ C06D 5/00

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(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● GAS GENERATOR COMPOSITION

● COMPOSITION GENERATRICE DE GAZ

(71) DAICEL CHEMICAL INDUSTRIES, LTD. [JP/JP]; 1, Teppo-cho, Sakai-shi, Osaka 590-8501 (JP).

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

(72, 75) YAMATO, Yo [JP/JP]; 940, Shinzaike, Aboshi-ku, Himeji-shi, Hyogo 671-1234 (JP).

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

(81) CN DE KR US.

(51)⁷ C07B 45/04, C07C 315/00, 317/14, 317/22, 317/36, 317/40, 319/20, 323/65

(11) WO 00/15585 (13) A1

(21) PCT/FR99/02134

(22) 8 Sep/sep 1999 (08.09.1999)

(25) fr (26) fr

(30) 98/11431 14 Sep/sep 1998 FR (14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● METHOD FOR CONDENSATION OF AROMATIC DERIVATIVE(S) AND A SULPHINIC DERIVATIVE

● PROCEDE DE CONDENSATION DE DERIVE(S) AROMATIQUE(S) ET D'UN DERIVE SULFINIQUE

(71) RHODIA CHIMIE [FR/FR]; 25, quai Paul Doumer, F-92408 Courbevoie Cedex (FR).

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(72, 75) SAINT-JALMES, Laurent [FR/FR]; 16, rue Latouche-Tréville, F-69330 Meyzieu (FR).

TORDEUX, Marc [FR/FR]; 1, rue de Seigneley, F-92330 Sceaux (FR).

WAKSELMAN, Claude [FR/FR]; 5, rue Chanez, F-75016 Paris (FR).

(74) FABRE, Madeleine-France; Rhodia Services, Direction de la Propriété Industrielle, 25 quai Paul Doumer, F-92408 Courbevoie Cedex (FR).

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

(51)⁶ C07C 1/00, C25B 1/00, 1/02, 3/00, 9/00

(11) WO 00/15586 (13) A1

(21) PCT/US99/19379

(22) 20 Aug/août 1999 (20.08.1999)

(25) en (26) en

(30) 60/100,269 14 Sep/sep 1998 US
(14.09.1998)

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(06.04.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • FIELD ASSISTED TRANSFORMATION OF CHEMICAL AND MATERIAL COMPOSITIONS
• TRANSFORMATION DE COMPOSITIONS CHIMIQUES ET DE SUBSTANCES A L'AIDE D'UN CHAMP ELECTROMAGNETIQUE

(71) NANOMATERIALS RESEARCH CORPORATION [US/US]; 2620 Trade Center Avenue, Longmont, CO 80503 (US).

(72) YADAV, Tapesh; 2620 Trade Center Avenue, Longmont, CO 80503 (US). MERA-MADI, Bijan; 2620 Trade Center Avenue, Longmont, CO 80503 (US).

(74) LANGLEY, Stuart et al. / etc.; Suite 3200, 555 17th Street, Denver, CO 80202 (US).

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

(51)⁷ C07C 1/04, C10G 2/00, C07C 11/04, 29/151

(11) WO 00/15587 (13) A1

(21) PCT/GB99/02955

(22) 7 Sep/sep 1999 (07.09.1999)

(25) en (26) en

(30) 9819645.4 10 Sep/sep 1998 GB
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • PROCESS FOR THE PREPARATION OF MONO-OLEFINS FROM PARAFFINIC HYDROCARBONS
• PROCEDE DE PREPARATION DE MONO-OLEFINES A PARTIR D'HYDROCARBURES PARAFFINIQUES

(71) BP CHEMICALS LIMITED [GB/GB]; Britannic House, 1 Finsbury Circus, London EC2M 7BA (GB).

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(74) SMITH, Julian, Philip, Howard; BP International Limited, Group Patents & Agreements, Chertsey Road, Sunbury-on-Thames, Middlesex TW16 7LN (GB).

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

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(21) PCT/US99/01821

(22) 28 Jan/jan 1999 (28.01.1999)

(25) en (26) en

(30) 09/154,350 16 Sep/sep 1998 US
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • FLUOROALKENE-NUCLEOPHILE ADDUCTS FOR ANALYSIS AND REMOVAL OF FLUOROALKENES

• PRODUITS D'ADDITION D'UN NUCLEOPHILE ET DE FLUORALCENES POUR L'ANALYSE ET L'ELIMINATION DES FLUORALCENES

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

(72) MUELLER, Mark, E.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). HAGEN, Donald, F.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). CHEBURKOV, Yuri; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). DEROOS, Fred, L.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). JOHNSON, Glenn, D.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). MARHEVKA, John, S.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). POTHAPRAGADA, Venkateswarlu; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

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

(51)⁷ C07C 39/16, 37/84

(11) WO 00/15589 (13) A1

(21) PCT/US99/13885

(22) 21 Jun/juin 1999 (21.06.1999)

(25) en (26) en

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(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • LIQUID VACUUM PUMP SEAL TO REDUCE CONTAMINATION IN BISPHENOL-A

• ANNEAU D'ETANCHEITE LIQUIDE POUR POMPE ASPIRANTE, DESTINE A REDUIRE LES PRODUITS CONTAMINANTS CONTENUS DANS DU BISPHENOL-A

(71) GENERAL ELECTRIC COMPANY [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) KISSINGER, Gaylord, Michael; 516 Pleasant View Drive, Evansville, IN 47711 (US).

(74) SNYDER, Bernard et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

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

(51)⁷ C07C 43/16, 41/08, 41/28, 41/42

(11) WO 00/15590 (13) A1

(21) PCT/EP99/06446

(22) 2 Sep/sep 1999 (02.09.1999)

(25) de (26) de

(30) 198 41 552.4 11 Sep/sep 1998 DE
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR PRODUCING ENOL ETHERS

• PROCEDE DE PRODUCTION D'ETHERS D'ENOL

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

- (72, 75) **BECKER, Heike** [DE/DE]; Von-Denis-Strasse 3, D-67117 Limburgerhof (DE). **BREUER, Klaus** [DE/DE]; Ziegeleistrasse 10, D-67122 Altrip (DE). **DEMUTH, Dirk** [DE/DE]; Friedrichring 14, D-68161 Mannheim (DE). **HIBST, Hartmut** [DE/DE]; Branichstrasse 23, D-69198 Schriesheim (DE). **TELES, Joaquim, Henrique** [PT/DE]; Ziegeleistrasse 25a, D-67122 Altrip (DE). **PREISS, Thomas** [DE/DE]; Waltharstrasse 5, D-67065 Ludwigshafen (DE).
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- (11) **WO 00/15591** (13) A1
- (21) PCT/JP99/04929
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) ja (26) ja
- (30) 10/258333 **11 Sep/sep 1998** JP
(11.09.1998)
- (30) 11/78394 **23 Mar/mar 1999** JP
(23.03.1999)
- (30) 11/207383 **22 Jul/juil 1999** JP
(22.07.1999)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **ALICYCLIC COMPOUNDS AND CURABLE RESIN COMPOSITION**
• **COMPOSES ALICYCLIQUES ET COMPOSITION DE RESINE DURCIS-SABLE**
- (71) **NISSAN CHEMICAL INDUSTRIES, LTD.** [JP/JP]; 7-1, Kandnishiki-cho 3-chome, Chiyoda-ku, Tokyo 101-0054 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SUZUKI, Hideo** [JP/JP]; Nissan Chemical Industries, Ltd. Central Research Institute, 722-1, Tsuboi-cho, Funabashi-shi, Chiba 274-8507 (JP). **NIHIRA, Takayasu** [JP/JP]; Nissan Chemical Industries, Ltd. Central Research Institute, 722-1, Tsuboi-cho, Funabashi-shi, Chiba 274-8507 (JP). **TAKIGAWA, Shinichiro** [JP/JP]; Nissan Chemical Industries, Ltd., 7-1, Kandnishiki-cho 3-chome, Chiyoda-ku, Tokyo 101-0054 (JP).
- (74) **HANABUSA, Tsuneo** et al. / etc.; Hanabusa Patent Office, Ochanomizu Square B, 6, Kandasurugadai 1-chome, Chiyoda-ku, Tokyo 101-0062 (JP).
- (81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (22) **16 Sep/sep 1999 (16.09.1999)**
- (25) en (26) en
- (30) 09/154,150 **17 Sep/sep 1998** US
(17.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **SYNTHESIS AND PURIFICATION OF 3,3-DIMETHYLBUTYRALDEHYDE VIA HYDROLYSIS OF 1,1-DICHLORO-3,3-DIMETHYLBUTANE OR 1-BROMO-1-CHLORO-3,3-DIMETHYLBUTANE**
• **SYNTHESE ET PURIFICATION DE 3,3-DIMETHYLBUTYRALDEHYDE PAR HYDROLYSE DE 1,1-DICHLORO-3,3-DIMETHYLBUTANE OU DE 1-BROMO-1-CHLORO-3,3-DIMETHYLBUTANE**
- (71) **THE NUTRASWEET COMPANY** [US/US]; Suite 900, 200 World Trade Center, Chicago, IL 60654 (US).
- (72) **PRAKASH, Indra**; 4731 Sunflower Lane, Hoffmann Estates, IL 60195 (US).
- (74) **MANDRA, Raymond, R.** et al. / etc.; Fitzpatrick, Cella, Harper & Scinto, 30 Rockefeller Plaza, New York, NY 10112-3801 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C07C 45/49**
- (11) **WO 00/15593** (13) A2
- (21) PCT/US99/20647
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 60/099,783 **10 Sep/sep 1998** US
(10.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **PROCESS FOR MAKING AROMATIC ALDEHYDES**
• **PROCEDE DE FABRICATION D'ALDEHYDES AROMATIQUES**
- (71) **EXXON CHEMICAL PATENTS INC.** [US/US]; 5200 Bayway Drive, Baytown, TX 77520 (US).
- (72) **SALEH, Ramzi, Yanni**; 13 Fir Court, Flemington, NJ 08822 (US).
- (74) **COLLINS, Douglas, J.**; Exxon Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (US).
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- (51)⁶ **C07C 49/76, 49/784, 49/83, 49/825, 249/08, 251/48**
- (11) **WO 00/15595** (13) A1
- (21) PCT/US99/20861
- (22) **15 Sep/sep 1999 (15.09.1999)**
- (25) en (26) en
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- (72) **SALEH, Ramzi, Yanni**; 13 Fir Court, Flemington, NJ 08822 (US). **BECKER, Chris, L.**; 19 South Elm, Russell, KS 67665 (US). **MICHAELSON, Robert, C.**; One Glendale Terrace, Kinnelon, NJ 07405 (US). **SCHLOSBERG, Richard, H.**; 800 Amsterdam Road, Bridgewater, NJ 08807 (US).
- (74) **BELL, Michael, J.**; Howrey & Simon, 1299 Pennsylvania Avenue, N.W., Box 34, Washington, DC 20004-2402 (US).

- (54) • KETOXIMES, PROCESSES THE-REFOR, AND COPPER EXTRACTION PROCESS
• CETOXIMES, PROCEDES SERVANT A LES PREPARER ET PROCEDE D'EXTRACTION DE CUIVRE
- (71) **HENKEL CORPORATION** [US/US]; Suite 200, 2500 Renaissance Boulevard, Gulph Mills, PA 19406 (US).
- (72) **VIRNIG, Michael, J.**; 5013 N. Amapola Drive, Tucson, AZ 85745 (US). **JOSTEN, Horst**; Seidenweg 9, D-40593 Düsseldorf (DE). **COLLINS, Mary**; 6 East Avenue, Pargate, Frankfield, Co. Cork (IE). **WOLFE, George**; 2935 S. Sheila Avenue, Tucson, AZ (US). **GORDON, Dustin**; 1132 N. Solar Drive, Tucson, AZ 85641 (US). **ESKUCHEN, Rainer**; Alt Langenfeld 42, D-40764 Langenfeld (DE). **HEINRICH, Eugen**; Bridestrasse 114, D-40599 Düsseldorf (DE). **McDONNELL, Frank**; 10, Ballynoe Road, Ringacoltig, Cobh, Co. Cork (IE). **O'DRISCOLL, Paul**; 1 Old Church Road, Passage West, Co. Cork (IE).
- (74) **MILLSON, Henry, E., Jr.**; Henkel Corporation, Suite 200, 2500 Renaissance Boulevard, Gulph Mills, PA 19406 (US).
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- (11) WO 00/15596 (13) A1
- (21) PCT/JP99/04923
- (22) 9 Sep/sep 1999 (09.09.1999)
- (25) ja (26) ja
- (30) 10/259957 14 Sep/sep 1998 JP (14.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • PROCESSES FOR THE PREPARATION OF FLUORINATED BENZOIC ACIDS
• PROCEDE DE PREPARATION D'ACIDES BENZOIQUES FLUORES
- (71) **OTSUKA PHARMACEUTICAL CO., LTD.** [JP/JP]; 9, Kandatsukasa cho 2-chome, Chiyoda-ku, Tokyo 101-8535 (JP). (for all designated States except / pour tous les États désignés sauf US)
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- (74) **SAEGUSA, Eiji** et al. / etc.; Kitahama TNK Building, 1-7-1, Doshomachi, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ C07C 51/42, 51/43, 55/14
- (11) WO 00/15597 (13) A1
- (21) PCT/FR99/02181
- (22) 14 Sep/sep 1999 (14.09.1999)
- (25) fr (26) fr
- (30) 98/11590 14 Sep/sep 1998 FR (14.09.1998)
- (30) 99/08590 29 Jun/juin 1999 FR (29.06.1999)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD FOR CRYSTALLISING CARBOXYLIC ACID
• PROCEDE DE CRISTALLISATION D'ACIDE CARBOXYLIQUE
- (71) **RHODIA FIBER AND RESIN INTERMEDIATES** [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) **COSTANTINI, Michel** [FR/FR]; 10, rue du Docteur Bonhomme, F-69003 Lyon (FR). **FACHE, Eric** [FR/FR]; 33 A, chemin des Petites Brosses, F-69300 Caluire et Cuire (FR).
- (74) **ESSON, Jean-Pierre**; Rhodia Services, Direction de la Propriété Industrielle, C.R.I.T. - Carrières, Boîte postale 62, F-69192 Saint-Fons Cedex (FR).
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- (51)⁷ C07C 51/487, 51/43, 51/44, 55/14
- (11) WO 00/15598 (13) A1
- (21) PCT/FR99/02182
- (22) 14 Sep/sep 1999 (14.09.1999)
- (25) fr (26) fr
- (30) 98/11591 14 Sep/sep 1998 FR (14.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD FOR SEPARATING AND PURIFYING CARBOXYLIC ACID DERIVED FROM THE DIRECT OXIDATION OF A HYDROCARBON
• PROCEDE DE SEPARATION ET DE PURIFICATION DE L'ACIDE CARBOXYLIQUE ISSU DE L'OXYDATION DIRECTE D'UN HYDROCARBURE
- (71) **RHODIA FIBER AND RESIN INTERMEDIATES** [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) **COSTANTINI, Michel** [FR/FR]; 10, rue du Docteur Bonhomme, F-69003 Lyon (FR). **FACHE, Eric** [FR/FR]; 33 A, chemin des Petites Brosses, F-69300 Caluire et Cuire (FR).
- (74) **ESSON, Jean-Pierre**; Rhodia Services, Direction de la Propriété Industrielle, C.R.I.T. - Carrières, Boîte postale 62, F-69192 Saint-Fons Cedex (FR).
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- (11) WO 00/15600 (13) A2
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- (74) **WARD, Michael, J.** et al. / etc.; Abbott Laboratories, CHAD 0377/AP6D-2, 100 Abbott Park Road, Abbott Park, IL 60064-3500 (US).
- (81) CA JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) WO 00/15599 (13) A1
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- (25) en (26) en
- (30) 09/152,844 14 Sep/sep 1998 US (14.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • PROCESS FOR PRODUCING STEREOSSELECTIVE NITRO COMPOUNDS
• PROCEDE SERVANT A PREPARER DES COMPOSES NITRO STEREOSELECTIFS
- (71) **ABBOTT LABORATORIES** [US/US]; CHAD 0377/AP6D-2, 100 Abbott Park Road, Abbott Park, IL 60064-6050 (US).
- (72) **Ji, Jianguo**; 260 Dittmer Lane, Lindenhurst, IL 60046 (US). **BARNES, David, M.**; 617 Lakewood Avenue, Lake Villa, IL 60046 (US). **KING, Steven, A.**; 16713 Orchard Valley Drive, Gurnee, IL 60031 (US). **PLAGGE, Frederick, A.**; 64 S. Greenview Avenue, Mundelein, IL 60060 (US). **WITTENBERGER, Steven, J.**; 317 N. Emerald Avenue, Mundelein, IL 60060 (US). **ZHANG, Ji**; 4108 Greenleaf Court, Park City, IL 60085 (US).
- (74) **WARD, Michael, J.** et al. / etc.; Abbott Laboratories, CHAD 0377/AP6D-2, 100 Abbott Park Road, Abbott Park, IL 60064-3500 (US).
- (81) CA JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (51)⁷ C07C 215/00
- (11) WO 00/15600 (13) A2
- (21) PCT/US99/21810

(22) 17 Sep/sep 1999 (17.09.1999)

(25) en (26) en

(30) 09/154,848 17 Sep/sep 1998 US
(17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • PROCESS FOR PRODUCTION OF 2-AMINO-1,3-PROPANEDIOL

• PROCEDE DE PRODUCTION DE 2-AMINO-1,3-PROPANEDIOL

(71) ABBOTT LABORATORIES [US/US]; CHAD- 0377/AP6D-2, 100 Abbott Park Road, Abbott Park, IL 60064-6050 (US).

(72) KLIX, Russell, C.; 841 Westbourne Lane, Buffalo Grove, IL 60089 (US). DAVIS, Deborah, A.; 1604 Superior Court, Gurnee, IL 60031 (US). GOODMONSON, Owen, J.; 331 Raupp Boulevard, Buffalo Grove, IL 60089 (US).

(74) WARD, Michael, J. et al. / etc.; Abbott Laboratories, CHAD 0377/AP6D-2, 100 Abbott Park Road, Abbott Park, IL 60064-3500 (US).

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

(51)⁷ C07C 227/02, 51/16, C07F 9/38

(11) WO 00/15601 (13) A1

(21) PCT/US99/21025

(22) 14 Sep/sep 1999 (14.09.1999)

(25) en (26) en

(30) 60/100,131 14 Sep/sep 1998 US
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • PROCESS FOR PREPARING CARBOXYLIC ACIDS

• PROCEDE DE FABRICATION D'ACIDES CARBOXYLIQUES

(71) DOW AGROSCIENCES LLC [US/US]; 9330 Zionsville Road, Indianapolis, IN 46268 (US).

(72) RINGER, James, William; 2715 Colony Drive, Midland, MI 48642 (US). MOL-ZAHN, David, Craig; 5501 Cortland Street, Midland, MI 48642 (US). HUCUL, Dennis, Alexander; 5001 Foxcroft, Midland, MI 48642 (US).

(74) MIXAN, Craig, Edward; Dow AgroSciences LLC, 9330 Zionsville Road, Indianapolis, IN 46268 (US).

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

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(51)⁷ C07C 231/02, 237/46, 231/12, 231/14

(11) WO 00/15602 (13) A1

(21) PCT/EP99/05686

(22) 6 Aug/août 1999 (06.08.1999)

(25) en (26) en

(30) MI98A001996 11 Sep/sep 1998 IT
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • A PROCESS FOR THE PREPARATION OF S-N,N'-BIS [2-HYDROXY-1-(HYDROXYMETHYL) ETHYL]-5-[(2-HYDROXY-1- OXOPROPYL) AMINO]-2,4,6- TRIIODO-1,3- BENZENE DICARBOXAMIDE

• PROCEDE DE PREPARATION DE S-N,N'-BIS [2-HYDROXY-1-(HYDROXYMETHYL) ETHYL]-5-[(2-HYDROXY-1- OXOPROPYL) AMINO]-2,4,6- TRIIODO-1,3- BENZENE DICARBOXAMIDE

(71) DIBRA S.P.A. [IT/IT]; Piazza Velasca, 5, I-20122 Milano (IT).

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(72, 75) DESANTIS, Nicola [IT/IT]; (IT). PERETTO, Ilaria [IT/IT]; Via E. Folli, 50, I-20134 Milano (IT).

(74) MINOJA, Fabrizio; Bianchetti Bracco Minoja S.R.L., Via Rossini, 8, I-20122 Milano (IT).

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

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(51)⁶ C07C 233/60, 233/62, 233/63, 235/38, 235/56, 237/20, 237/42, 247/10, 251/48, 255/44, 309/66, 311/46, 317/40, 323/40, C07D 207/16, 209/48, 491/18, A61K 31/165, 31/195, 31/22, 31/255, 31/275, 31/40

(11) WO 00/15603 (13) A1

(21) PCT/JP99/04986

(22) 13 Sep/sep 1999 (13.09.1999)

(25) ja (26) ja

(30) 10/257804 11 Sep/sep 1998 JP
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • BENZENE DERIVATIVES AND MEDICINAL USE THEREOF

• DERIVES DE BENZENE ET LEUR UTILISATION MEDICALE

(71) AJINOMOTO CO., INC. [JP/JP]; 15-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104-0031 (JP).

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(72, 75) IINO, Yukio [JP/JP]; Pharmaceutical Research Laboratories, Ajinomoto Co., Inc., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0801 (JP). FUJITA, Kohichi [JP/JP]; Pharmaceutical Research Laboratories, Ajinomoto Co., Inc.,

1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0801 (JP). TSUJI, Takashi [JP/JP]; Pharmaceutical Research Laboratories, Ajinomoto Co., Inc., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0801 (JP). KODAIRA, Ariko [JP/JP]; Pharmaceutical Research Laboratories, Ajinomoto Co., Inc., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0801 (JP). TAKEHANA, Kenji [JP/JP]; Pharmaceutical Research Laboratories, Ajinomoto Co., Inc., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0801 (JP). KOBAYASHI, Tsuyoshi [JP/JP]; Pharmaceutical Research Laboratories, Ajinomoto Co., Inc., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0801 (JP). YAMAMOTO, Takashi [JP/JP]; Pharmaceutical Research Laboratories, Ajinomoto Co., Inc., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0801 (JP).

(74) NAKAMURA, Minoru et al. / etc.; Shin-Tokyo Building, Room 646, 3-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo, 100-8355 (JP).

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

(51)⁶ C07C 235/20, 227/06, 229/24, 231/02, C07D 213/38, 215/38, 235/30, 239/42, 239/47, 239/48, 239/94, 277/42, 277/44, 277/68, 277/82, 333/54, 417/12, A61K 31/225, 31/38, 31/415, 31/425, 31/44, 31/47, 31/505

(11) WO 00/15604 (13) A1

(21) PCT/JP99/04914

(22) 10 Sep/sep 1999 (10.09.1999)

(25) ja (26) ja

(30) 10/258840 11 Sep/sep 1998 JP
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • MALONIC DIESTER DERIVATIVES AND PROCESS FOR PRODUCING THE SAME

• DERIVES DE DIESTERS MALONIQUES ET LEUR PROCEDE D'OBTENTION

(71) KYORIN PHARMACEUTICAL CO., LTD. [JP/JP]; 5, Kanda Surugadai 2-chome, Chiyoda-ku, Tokyo 101-0062 (JP).

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(72, 75) KONO, Yasushi [JP/JP]; 30-8, Nishijyonan 5-chome, Oyama-shi, Tochigi 323-0820 (JP). NOMURA, Masahiro [JP/JP]; B203, 6095, Tomonuma, Nogi-machi, Simotoga-gun, Tochigi 329-0101 (JP). SAWADA, Takayuki

- [JP/JP]; 510-5, Oonaricho 3-chome, Oomiya-shi, Saitama 331-0043 (JP). **ANDO, Naoki** [JP/JP]; B-202, 5932 Tomonuma, Nogi-machi, Simotoga-gun, Tochigi 329-0101 (JP). **TAKAHASHI, Yukie** [JP/JP]; 5982-1, Tomonuma, Nogi-machi, Simotoga-gun, Tochigi 329-0101 (JP). **KURIYAMA, Kazuhiko** [JP/JP]; 7-16, Otome 1-chome, Oyama-shi, Tochigi 329-0214 (JP).
- (74) **MINOURA, Kiyoshi**; Kudan Building, 7F, 2-2, Kudankita 3-chome, Chiyoda-ku, Tokyo 102-0073 (JP).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C07C 251/00**
- (11) **WO 00/15605** (13) A2
- (21) PCT/US99/21020
- (22) **14 Sep/sep 1999 (14.09.1999)**
- (25) en (26) en
- (30) 60/100,294 **14 Sep/sep 1998** US
(14.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **CHIRAL CYANOAMINES AND METHODS OF PREPARATION**
- **CYANOAMINES CHIRAUX ET PROCÉDES DE PREPARATION**
- (71) **TRUSTEES OF BOSTON COLLEGE** [US/US]; 140 Commonwealth Avenue, Chestnut Hill, MA 02167 (US).
- (72) **HOVEYDA, Amir, H.**; 20 Preble Gardens Road, Belmont, MA 02178 (US). **SNAPPER, Marc, L.**; 51 Blue Jay Lane, Ashland, MA 01721 (US). **KUNTZ, Kevin**; 56 Henshaw Street, #2, Brighton, MA 02135 (US). **KRUEGER, Clinton, A.**; 18 Old Colony Avenue, Quincy, MA 02170 (US). **DZIERBA, Carolyn**; 319 Allston Street, Brighton, MA 02135 (US).
- (74) **FASSE, J., Peter**; Fish & Richardson, P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).
- (81); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **C07C 271/28, A01N 47/20**
- (11) **WO 00/15606** (13) A1
- (21) PCT/EP99/06448
- (22) **2 Sep/sep 1999 (02.09.1999)**
- (25) de (26) de
- (30) 198 42 056.0 **15 Sep/sep 1998** DE
(15.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **SUBSTITUTED N-ARYL-O-ALKYL-CARBAMATES**
- **FERBAMES N-ARYL-O-ALKYLE SUBSTITUE**
- (71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JANSEN, Johannes, Rudolf** [DE/DE]; Knipprather Str. 47, D-40789 Monheim (DE). **RIEBEL, Hans-Jochem** [DE/DE]; In der Beek 92, D-42113 Wuppertal (DE). **GESING, Ernst, Rudolf, F.** [DE/DE]; Trillser Graben 4, D-40699 Erkrath-Hochdahl (DE). **KLUTH, Joachim** [DE/DE]; Virneburgstr. 69, D-40764 Langenfeld (DE). **LEHR, Stefan** [DE/DE]; Ricarda-Huch-Str. 38, D-40764 Langenfeld (DE). **DREWES, Mark, Wilhelm** [DE/DE]; Goethestr. 38, D-40764 Langenfeld (DE). **DOLLINGER, Markus** [DE/US]; 13210 Knox Overland Park, Kansas, KS 66213 (US). **WETCHOLOWSKY, Ingo** [DE/BR]; Cond. Estancia Marambaia, Rua Avare 500, CEP-13280-000 Vinhedo, SP (BR).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C07C 303/32, 303/06, 303/20, 309/08, 309/02**
- (11) **WO 00/15607** (13) A1
- (21) PCT/EP99/06723
- (22) **9 Sep/sep 1999 (09.09.1999)**
- (25) en (26) en
- (30) 98307385.9 **11 Sep/sep 1998** EP
(11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **PROCESS FOR THE PREPARATION OF CALCIUM HYDROXYALKANE SULPHONATES**
- **PROCEDE PERMETTANT DE PREPARER DES HYDROXYALCANE SULFONATES DE CALCIUM**
- (71) **SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.** [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).
- (72) **DEULING, Hendrikus, Hyacinthus**; Badhuisweg 3, NL-1031 CM Amsterdam (NL). **VAN ZON, Arie**; Badhuisweg 3, NL-1031 CM Amsterdam (NL).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C07D 205/06, 401/06, 409/06, 409/14, 417/06, A61K 31/397**
- (11) **WO 00/15609** (13) A1
- (21) PCT/FR99/02147
- (22) **9 Sep/sep 1999 (09.09.1999)**
- (25) fr (26) fr
- (30) 98/11342 **11 Sep/sep 1998** FR
(11.09.1998)
- (30) 60/119,929 **12 Feb/fév 1999** US
(12.02.1999)
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁶ **C07C 405/00, A61K 31/557**
- (11) **WO 00/15608** (13) A1
- (21) PCT/JP99/04934
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) ja (26) ja
- (30) 10/279347 **14 Sep/sep 1998** JP
(14.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • ω -**SUBSTITUTED PHENYL-PROSTAGLANDIN E DERIVATIVES AND DRUGS CONTAINING THE SAME AS THE ACTIVE INGREDIENT**
- **DERIVES E DE PHENYL-PROSTAGLANDINE A SUBSTITUTION- Ω ET MEDICAMENTS LES CONTENANT COMME INGREDIENT ACTIF**
- (71) **ONO PHARMACEUTICAL CO., LTD.** [JP/JP]; 1-5, Doshomachi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-8526 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MARUYAMA, Toru** [JP/JP]; Minase Research Institute, Ono Pharmaceutical Co., Ltd., 1-1, Sakurai 3-chome, Shimamoto-cho, Mishima-gun, Osaka 618-8585 (JP). **OHUCHIDA, Shuichi** [JP/JP]; Minase Research Institute, ONO Pharmaceutical Co., Ltd., 1-1, Sakurai 3-chome, Shimamoto-cho, Mishima-gun, Osaka 618-8585 (JP).
- (74) **OHIE, Kunihisa** et al. / etc.; OHIE Patent Office, Horiguchi No. 2 Building, 7th floor, 2-6, Nihonbashi-Ningyocho 2-chome, Chuo-ku, Tokyo 103-0013 (JP).
- (81) JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● AZETIDINE DERIVATIVES, PREPARATION AND MEDICINES CONTAINING THEM

● DERIVES D'AZETIDINE, LEUR PREPARATION ET LES MEDICAMENTS LES CONTENANT

(71) **AVENTIS PHARMA S.A.** [FR/FR]; 20 avenue Raymond Aron, F-92160 Antony (FR).
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(71, 72) **MIGNANI, Serge** [FR/FR]; 14 Avenue de Robinson, F-92290 Chatenay-Malabry (FR). **HITTINGER, Augustin** [FR/FR]; 11 rue Galliéni, F-91430 Igny (FR).

(72, 75) **ACHARD, Daniel** [FR/FR]; 26 rue Adrien Tessier, F-94320 Thiais (FR). **BOUCHARD, Hervé** [FR/FR]; 7 Allée de la Prévôté, F-94320 Thiais (FR). **BOUQUEREL, Jean** [FR/FR]; 40 rue de l'Emancipation, F-93700 Drancy (FR). **CAPET, Marc** [FR/FR]; 27 Allée des Abeilles, F-91170 Viry-Chatillon (FR). **GRISONI, Serge** [FR/FR]; 17 rue Babeuf, F-94600 Choisy le Roi (FR). **MALLERON, Jean-Luc** [FR/FR]; 2 Allée Renoir, F-91460 Marcoussis (FR).

(74) **MORVAN, Michèle**; Aventis Pharma S.A., Direction Brevets - Tri LE1 144, 20, avenue Raymond Aron, F-92165 Antony Cedex (FR).

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

(51)⁷ C07D 207/12, 207/08, 211/22, 211/18, 327/10

(11) **WO 00/15610** (13) A1

(21) PCT/KR99/00553

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 1998/38476 **17 Sep/sep 1998 (17.09.1998)** KR

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● THE PREPARATION OF N-SUBSTITUTED-HYDROXYCYCLOALKYLAMINE DERIVATIVES

● PREPARATION DE DERIVES D'HYDROXYCYCLOALKYLAMINE A SUBSTITUTION N

(71) **SAMSUNG FINE CHEMICALS CO., LTD.** [KR/KR]; 190, Yecheon-dong, Nam-ku, Ulsan 680-090 (KR).
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(72, 75) **KIM, Seong, Jin** [KR/KR]; 102-902, Sejong Apt., Jeonmin-dong, 462-5, Yuseong-ku, Daejeon 305-390 (KR). **KIM,**

Keon, Il [KR/KR]; 111-303, Sejong Apt., Jeonmin-dong, 462-5, Yuseong-ku, Daejeon 305-390 (KR). **YANG, Kyoung, Youl** [KR/KR]; 101-507, Parangsea Apt., Dunsan-dong, 957, Seo-ku, Daejeon 302-173 (KR).

(74) **HUH, Sang, Hoon**; Hyecheon Building, 13th floor, 831 Yeoksam-dong, Kangnam-ku, Seoul 135-792 (KR).

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

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(51)⁷ C07D 207/16, A61K 31/40

(11) **WO 00/15611** (13) A1

(21) PCT/US99/18258

(22) **11 Aug/août 1999 (11.08.1999)**

(25) en (26) en

(30) 60/100,156 **14 Sep/sep 1998 (14.09.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● BRANCHED ALKYL PYRROLIDINE-3-CARBOXYLIC ACIDS

● ACIDES PYRROLIDINE-3-CARBOXYLIQUES D'ALKYLE RAMIFIE

(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) **BRYANS, Justin, Stephen** [GB/GB]; Dean Cottage, 3 W. Wickham Road, Balsham CB1 6DZ (GB). **EKHATO, Ihoezo, Victor** [NG/US]; 2415 Tamarack Court, Ann Arbor, MI 48105 (US). **HORWELL, David, Christopher** [GB/GB]; 8 West Hill, Foxton, Cambridge CB2 6SZ (GB). **LING, Rong** [CN/US]; 1952 Traver Rd. #102, Ann Arbor, MI 48105 (US). **RECEVEUR, Jean-Marie** [FR/GB]; 93 Gwydir Street, Cambridge CB1 2LG (GB). **WUSTROW, David, Juergen** [US/US]; 5101 John Holmes Road, Ann Arbor, MI 48103 (US).

(74) **RYAN, M., Andrea**; Warner-Lambert Company, 201 Tabor Road, Morris Plains, NJ 07950 (US) et al. / etc.

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

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(51)⁷ C07D 209/12, A61K 31/395, C07D 215/14, 405/04, 413/12, 215/08, 401/12, 413/06

(11) **WO 00/15612** (13) A1

(21) PCT/GB99/02819

(22) **26 Aug/août 1999 (26.08.1999)**

(25) en (26) en

(30) 9818641.4 **26 Aug/août 1998 (26.08.1998)** GB

(30) 60/110,008 **25 Nov/nov 1998 (25.11.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● AZA-BICYCLES WHICH MODULATE THE INHIBITION OF CELL ADHESION

● BICYCLES AZA MODULANT L'INHIBITION DE L'ADHESION CELLULAIRE

(71) **RHONE-POULENC RORER LIMITED** [GB/GB]; RPR House, 50 Kings Hill Avenue, Kings Hill, West Malling, Kent ME19 4AH (GB).

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(74) **LEE CAFFIN**; Rhône-Poulenc Rorer Limited, Patent Department, Rainham Road South, Dagenham, Essex RM10 7xs (GB).

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

(74) **LEE CAFFIN**; Rhône-Poulenc Rorer Limited, Patent Department, Rainham Road South, Dagenham, Essex RM10 7xs (GB).

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

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(22) **12 Sep/sep 1998 (12.09.1998)**

- (25) en (26) en
(43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● METHOD OF MAKING TERTIARY HINDERED AMINES
● PROCEDE DE FABRICATION D'AMINES STERIQUEMENT ENCOMBRES
- (71) **ARISTECH CHEMICAL CORPORATION** [US/US]; USX Building, 11th floor, 600 Grant Street, Pittsburgh, PA 15219-2704 (US).
- (72) **RUBINO, Mark, R.**; 62 Shangri-La Circle, Pittsburgh, PA 15239 (US).
- (74) **KRAYER, William, L.**; 241 Merion Drive, Pittsburgh, PA 15228 (US).
- (81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **C07D 213/60, 237/08, 239/26, 207/267, C07C 321/28, 235/46, A61K 31/44, 31/50, 31/165**
- (11) **WO 00/15614** (13) A1
(21) PCT/SE99/01600
(22) **13 Sep/sep 1999 (13.09.1999)**
- (25) en (26) en
(30) 9803107-3 **14 Sep/sep 1998 SE (14.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● NOVEL COMPOUNDS
● NOUVEAUX COMPOSES
- (71) **ASTRA PHARMACEUTICALS LTD.** [GB/GB]; Home Park, Kings Langley, Herts WD4 8DH (GB).
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- (71) **ASTRA AKTIEBOLAG** [SE/SE]; S-151 85 Södertälje (SE).
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- (74) **ASTRA AKTIEBOLAG**; Intellectual Property, Patents, S-151 85 Södertälje (SE).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C07D 213/64, 405/12, 405/04, A01N 43/40**
- (11) **WO 00/15616** (13) A1
(21) PCT/US99/21593
(22) **16 Sep/sep 1999 (16.09.1999)**
- (25) en (26) en
(30) 60/100,601 **16 Sep/sep 1998 US (16.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● 2-METHOXYIMINO-2-(PYRIDINYLOXYMETHYL)PHENYL ACETAMIDES WITH (DERIVATISED) HYDROXYALKYL DERIVATIVES ON THE PYRIDINE RING
● 2-METHOXYIMINO-2-(PYRIDINYLOXYMETHYL)PHENYL ACETAMIDES AVEC DES DERIVES D'HYDROXYALKYLE (DERIVATISES) SUR LE NOYAU PYRIDINIQUE
- (71) **DOW AGROSCIENCES LLC** [US/US]; 9330 Zionsville Road, Indianapolis, IN 46268 (US).
- (72) **CANADA, Emily, Jane**; 5523 North Arlington Avenue, Indianapolis, IN 46226 (US). **GAJEWSKI, Robert, Peter**; 1501 Friendship Drive, Indianapolis, IN 46217 (US). **GALKA, Christopher, Stanley**; 3024 Woodspring Drive, Carmel, IN 46033 (US). **KIRBY, Neil, Vincent**; 13911 Stonemill Circle, Carmel, IN 46032 (US). **MORRISON, Irene, Mae**; 8224 Glenwillow Lane #206, Indianapolis, IN 46278 (US). **PHILLIPS, Jeannie, Rachel**; 54 Belle Manor Court, Indianapolis, IN 46260 (US). **PIECZKO, Mary, Elizabeth**; 5323 Holly Springs Drive West, Indianapolis, IN 46254 (US). **RIEDER, Brent, Jeffrey**; 3756 Forest Lane, Greenfield, IN 46140 (US). **CARSON, Chrislyn, Marie**; 2899 Brook Vista, Carmel, IN 46032 (US). **HUANG, Zhengyu**; 13280 Zellwood Court, Carmel, IN 46033 (US).
- (74) **CORVIN, Carl, Dean**; Dow AgroSciences LLC, 9330 Zionsville Road, Indianapolis, IN 46268 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE HR HU ID IL IN IS JP KE KG KR KZ LC LK LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C07D 215/14, A61K 31/47, C07D 215/12, 219/02, 221/12**
- (11) **WO 00/15617** (13) A1
(21) PCT/FR99/02129
(22) **8 Sep/sep 1999 (08.09.1999)**
- (25) fr (26) fr
(30) 98/11289 **10 Sep/sep 1998 FR (10.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● 2-AMINOETHYL-QUINOLINE DERIVATIVES, PREPARATION AND THERAPEUTIC USE
● DERIVES DE 2-AMINOETHYL-QUINOLEINE, LEUR PREPARATION ET LEUR APPLICATION EN THERAPEUTIQUE
- (71) **SANOFLI-SYNTHELABO** [FR/FR]; 174, avenue de France, F-75013 Paris (FR).
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- (72, 75) **PHILIPPO, Christophe** [FR/FR]; 18, place des Maîtres Vignerons, F-92500

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- (74) **THOURET-LEMAITRE, Elisabeth**; Sanofi-Synthelabo, 174, avenue de France, F-75013 Paris (FR).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C07D 219/04, 311/82, 335/12, C12N 9/96, C12Q 1/28, G01N 33/74, 33/533, 33/573**
- (11) **WO 00/15618** (13) A1
(21) PCT/US99/20635
(22) **10 Sep/sep 1999 (10.09.1999)**
(25) en (26) en
(30) 09/152,247 **11 Sep/sep 1998** US
(11.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● XANTHAN-ESTER AND ACRIDAN SUBSTRATES FOR HORSERADISH PEROXIDASE
● SUBSTRATS DE XANTHANE-ESTERS ET D'ACRIDANES POUR LA PEROXYDASE DU RAIFORT
- (71) **TROPIX, INC.** [US/US]; 47 Wiggins Avenue, Bedford, MA 01730 (US).
- (72) **BRONSTEIN, Irena**; 11 Ivanhoe Street, Newton, MA 02458 (US). **EDWARDS, Brooks**; 269 Huron Avenue, #6, Cambridge, MA 02138 (US). **VOYTA, John, C.**; 99 Maynard Farm Road, Sudbury, MA 01776 (US). **JUO, Rouh-Rong**; 19 Hopedale Street, Allston, MA 02134 (US).
- (74) **KELBER, Steven, B.** et al. / etc.; Long, Aldridge & Norman, LLP, 6th floor, 701 Pennsylvania Avenue, N.W., Washington, DC 20004 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C07D 263/38, 413/12, A01N 43/76**
- (11) **WO 00/15620** (13) A1
(21) PCT/EP99/06650
(22) **9 Sep/sep 1999 (09.09.1999)**
(25) de (26) de
(30) 198 42 353.5 **16 Sep/sep 1998** DE
(16.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● SULFONYL OXAZOLONES AND THEIR USE FOR COMBATING UNDESIRABLE MICROORGANISMS
● SULFONYLOXAZOLONES ET LEUR UTILISATION POUR LUTTER CONTRE DES MICRO-ORGANISMES INDESIRABLES
- (71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE).
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- (72, 75) **ASSMANN, Lutz** [DE/DE]; Schimmelreiterweg 6, D-25826 St. Peter-Ording (DE). **JAÜTELAT, Manfred** [DE/DE]; Müllersbaum 28, D-51399 Burscheid (DE). **WACHENDORFF-NEUMANN, Ulrike** [DE/DE]; Oberer Markweg 85, D-56566 Neuwied (DE). **STENZEL, Klaus** [DE/DE]; Seesener Strasse 17, D-40595 Düsseldorf (DE).
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- (51)⁷ **C07D 251/26, G03C 1/30**
- (11) **WO 00/15619** (13) A1
(21) PCT/EP99/06671
(22) **9 Sep/sep 1999 (09.09.1999)**
(25) de (26) de
(30) 198 41 383.1 **10 Sep/sep 1998** DE
(10.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● METHOD FOR PRODUCING A STABILIZED AQUEOUS ALKALI METAL-2-HYDROXY-4,6-DICHLORO-S-TRIAZINE SOLUTION AND THE USE THEREOF
● PROCEDE DE PREPARATION D'UNE SOLUTION DE METAL ALCALIN-2-HYDROXY-4,6-DICHLORO-S-TRIAZINE AQUEUSE STABILISEE ET SON UTILISATION
- (71) **SKW TROSTBERG AKTIENGESELLSCHAFT** [DE/DE]; Dr.-Albert-Frank-Strasse 32, D-83303 Trostberg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NEUMANN, Thomas** [DE/DE]; Heinrich-Braun-Strasse 7, D-83308 Trostberg (DE).
- (74) **WEICKMANN, H.** et al. / etc.; Kopernikusstrasse 9, D-81679 München (DE).
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- (51)⁷ **C07D 265/32**
- (11) **WO 00/15621** (13) A1
(21) PCT/US99/20711
(22) **9 Sep/sep 1999 (09.09.1999)**
(25) en (26) en
(30) 60/099,835 **11 Sep/sep 1998** US
(11.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● PROCESS FOR THE SYNTHESIS OF N-BENZYL-3-(4-FLUOROPHENYL)-1,4-OXAZIN-2-ONE
● PROCEDE POUR REALISER LA SYNTHESE DE N-BENZYL-3-(4-FLUOROPHENYL)-1,4-OXAZIN-2-ONE
- (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) **NELSON, Todd, D.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). **BHUPATHY, Mahadevan** [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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- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C07D 275/03, 417/12, A01N 43/80**
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(22) **9 Sep/sep 1999 (09.09.1999)**
(25) de (26) de
(30) 198 42 354.3 **16 Sep/sep 1998** DE
(16.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ISOTHIAZOLE CARBOXYLIC ACID AMIDES

• AMIDES D'ACIDE CARBOXYLIQUE D'ISOTHIAZOL

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE).
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(72, 75) **ASSMANN, Lutz** [DE/DE]; Schimmelreiterweg 6, D-25826 St. Peter Ording (DE). **ELBE, Hans-Ludwig** [DE/DE]; Dasnöckel 59, D-42329 Wuppertal (DE). **KUHNT, Dietmar** [DE/DE]; Eschenallee 6d, D-51399 Burscheid (DE). **HÄNSSLER, Gerd** [DE/DE]; Am Arenzberg 58 a, D-51381 Leverkusen (DE). **KUCK, Karl-Heinz** [DE/DE]; Pastor-Löh-Strasse 30 a, D-40764 Langenfeld (DE). **KITAGAWA, Yoshinori** [JP/JP]; 1085, Ara-machi, Moka-shi, Tochigi 321-4305 (JP). **SAWADA, Haruko** [JP/JP]; 848-4, Odabayashi, Yuki-shi, Ibaraki 307-0007 (JP). **SAKUMA, Haruhiko** [JP/JP]; 4-29-19, Higashijonan, Oyama-shi, Tochigi 323-0829 (JP).

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

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(25) en (26) en

(30) 98/8414 15 Sep/sep 1998 ZA (15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • SYNTHESSES OF 5,5'-DIFORMYL-2-2'DIFURAN AND DERIVATIVES THEREOF

• SYNTHESSES DU 5,5'-DIFORMYL-2-2' DIFURANE ET DERIVES CORRESPONDANTS

(71, 72) **BURGER, Gregory, James** [ZA/ZA]; 72 Ballantrae Road, Merebank, Durban, 4052 Kwa Zulu Natal (ZA).

(72, 75) **WILLS, Alan, Douglas** [ZA/ZA]; 72 Ballantrae Road, Merebank, Durban, 4052 Kwa Zulu Natal (ZA).

(74) **MORRISON, Ian** et al. / etc.; Ian Morrison Forster & Company, FMI House, Gleneagles Park, Flanders Drive, Mount Edgecombe, 4300, Kwa Zulu Natal (ZA).

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

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(21) PCT/FR99/01848

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(25) fr (26) fr

(30) 98/11303 10 Sep/sep 1998 FR (10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • 2-ETHYL-2,3-DIHYDROBENZOFURAN-CARBOXYLIC ACID ESTER DERIVATIVE, PREPARATION METHOD AND USE FOR PREPARING EFAROXAN DERIVATIVES

• DERIVE D'ESTER D'ACIDE 2-ETHYL-2,3-DIHYDROBENZOFURANE-CARBOXYLIQUE, PROCEDE DE PREPARATION ET UTILISATION POUR LA PREPARATION DE DERIVES DE L'EFAROXAN

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(74) **DOAT, Jean-Pierre**; Direction Propriété Intellectuelle, 17, avenue Jean Moulin, F-81106 Castres Cedex (FR).

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

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(51)⁷ C07D 309/32, C07C 333/04, 331/12, 381/04, 323/29, 205/45, 205/56, 229/44, 233/54, 233/54, 231/20

(11) WO 00/15625 (13) A2

(21) PCT/US99/15118

(22) 1 Jul/juillet 1999 (01.07.1999)

(25) en (26) en

(30) 60/099,944 11 Sep/sep 1998 US (11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHODS OF MAKING DIHYDRO-PYRONE HIV PROTEASE INHIBITORS

• PROCEDES DE PREPARATION D'INHIBITEURS DIHYDROPYRONE DE PROTEASE DE VIH

(71) **WARNER-LAMBERT COMPANY** [US/US]; 201 Tabor Road, Morris Plains, NJ 07950 (US).

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(72, 75) **FEDIJ, Victor** [US/US]; 354 Marquette Avenue, Holland, MI 49424 (US). **GAJDA, Christopher, Andrew** [CA/US]; 2684 Bellwood, Ann Arbor, MI 48104 (US). **HUCKABEE, Brian, Keith** [US/US]; 12872 Thistlewood Lane, Holland, MI 49424 (US). **MOON, Brian, Stuart** [US/US]; 16731 Ashley Lane, Holland, MI 49424 (US). **PORTER, Kenneth, Thomas** [US/US]; 14073 Deercove Drive, Holland, MI 49424 (US). **SOBIERAY, Denis, Martin** [US/US]; 2178 South Bristol, Holland, MI 49424 (US). **STUK, Timothy, Lee** [US/US]; 390 Erin Isle Drive, Holland, MI 49424 (US). **TAIT, Bradley, Dean** [US/US]; 8431 Congress Drive, Canton, MI 48187 (US). **WEMPLE, James, Norton** [US/US]; 14211 Deercove Drive, Holland, MI 49424 (US).

(74) **RYAN, M., Andrea**; Warner-Lambert Company, 201 Tabor Road, Morris Plains, NJ 07950 (US) et al. / etc.

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

(51)⁷ C07D 309/38

(11) WO 00/15626 (13) A1

(21) PCT/US99/21544

(22) 15 Sep/sep 1999 (15.09.1999)

(25) en (26) en

(30) 60/100,617 16 Sep/sep 1998 US (16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • PROCESS FOR THE PREPARATION OF INTERMEDIATES FOR PYRONIN ANTIBACTERIALS

• METHODE DE PREPARATION D'INTERMEDIAIRES D'ANTIBACTERIENS DE PYRONINE

(71) **SCRIPTGEN PHARMACEUTICALS, INC.** [US/US]; 610 Lincoln Street, Walham, MA 02451 (US).

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(72, 75) **RAMAMOORTHY, P., Siva** [IN/US]; Apartment 409, 275 Main Street, Watertown, MA 02472 (US).

(74) **LUDWIG, S., Peter** et al. / etc.; Darby & Darby P.C., 805 Third Avenue, New York, NY 10022-7513 (US).

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

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(21) PCT/US99/13045

(22) **9 Jun/juin 1999 (09.06.1999)**

(25) en (26) en

(30) 09/154,230 **16 Sep/sep 1998** US
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • PROCESS FOR THE PREPARATION OF ISOFLAVONES
• PROCEDE DE PREPARATION D'ISOFLAVONES

(71) **MICHIGAN STATE UNIVERSITY** [US/US]; 238 Administration Building, East Lansing, MI 48824 (US).

(72) **SREENIVASAN, Balasubramanian**; D101-102 Flat A Hindu-Colony, Nanganallur, Madras 600 061 (IN). **NAIR, Muraleedharan, G.**; 3934 E. Sunwind Drive, Okemos, MI 48864 (US).

(74) **McLEOD, Ian, C.**; 2190 Commons Parkway, Okemos, MI 48864 (US).

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

(51)⁷ **C07D 311/92, 311/94, 405/04, 407/04, 409/04, 405/14, 407/14, G02B 5/23, C08K 5/15**

(11) **WO 00/15628** (13) A1

(21) PCT/US99/20471

(22) **7 Sep/sep 1999 (07.09.1999)**

(25) en (26) en

(30) 98/11519 **11 Sep/sep 1998** FR
(11.09.1998)

(30) 99/00162 **6 Jan/jan 1999** FR
(06.01.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • NAPHTHOPYRANS ANNELATED IN C₅-C₆, THEIR PREPARATION AND COMPOSITIONS AND (CO) POLYMER MATRICES CONTAINING THEM

• NAPHTOPYRANES ACCOLES EN C₅-C₆, LEUR PREPARATION ET COMPOSITIONS ET MATRICES (CO)POLYMERES LES CONTENANT

(71) **CORNING S.A.** [FR/FR]; 44, avenue de Valvins, Boîte postale 61, F-77211 Avon Cedex (FR).

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(72, 75) **CHAN, You, Ping** [MR/FR]; 14, boulevard Jean XXIII, F-69008 Lyon (FR). **JEAN, Patrick, C.** [FR/FR]; 21, rue Père Chevrier, F-69007 Lyon (FR). **BREYNE, Olivier, P.** [FR/FR]; 5, rue Rosset, F-69004 Lyon (FR).

(74) **NWANERI, Angela, N.**; Corning Incorporated, Patent Dept., SP TI 3-1, Corning, NY 14831 (US).

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

Published / Publiée : (c)

(51)⁷ **C07D 311/92, 311/94, 407/12, C09K 9/02, G02B 5/23**

(11) **WO 00/15629** (13) A1

(21) PCT/US99/20663

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) en (26) en

(30) 09/151,911 **11 Sep/sep 1998** US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • POLYMERIZABLE POLYALKOXYLATED NAPHTHOPYRANS

• NAPHTHOPYRANES POLY-ALCOXYLES POLYMERISABLES

(71) **PPG INDUSTRIES OHIO, INC.** [US/US]; 3800 West 143rd Street, Cleveland, OH 44111 (US).

(72) **VAN GEMERT, Barry**; 2004 High Pointe Drive, Murrysville, PA 15668 (US). **CHOPRA, Anu**; 5112 Stoneton Drive, Monroeville, PA 15146 (US). **KUMAR, Anil**; 251 Darlan Hill Drive, Pittsburgh, PA 15239 (US).

(74) **STEIN, Irwin, M.**; PPG Industries, Inc., One PPG Place, Pittsburgh, PA 15272 (US) et al. / etc.

(81) AU BR CA CN HU IL IN JP KR MX SG ZA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)⁷ **C07D 311/92, 311/94, 311/96, G02B 5/23**

(11) **WO 00/15630** (13) A1

(21) PCT/US99/20664

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) en (26) en

(30) 09/151,982 **11 Sep/sep 1998** US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • POLYALKOXYLATED NAPHTHOPYRANS

• NAPHTOPYRANES POLY-ALCOXYLES

(71) **PPG INDUSTRIES OHIO, INC.** [US/US]; 3800 West 143rd Street, Cleveland, OH 44111 (US).

(72) **VAN GEMERT, Barry**; 2004 High Pointe Drive, Murrysville, PA 15668 (US). **STEWART, Kevin, J.**; 1207 Murry Chase Lane, Murrysville, PA 15668 (US).

(74) **STEIN, Irwin, M.**; PPG Industries, Inc., One PPG Place, Pittsburgh, PA 15272 (US) et al. / etc.

(81) AU BR CA CN HU IL IN JP KR MX SG ZA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)⁷ **C07D 311/94, 493/04, C08K 5/15, G02B 5/23 // (C07D 493/04, 311:00, 311:00)**

(11) **WO 00/15631** (13) A1

(21) PCT/US99/20472

(22) **7 Sep/sep 1999 (07.09.1999)**

(25) en (26) en

(30) 98/11518 **11 Sep/sep 1998** FR
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • NAPHTHOPYRANS ANNELATED IN C₆-C₇, THEIR PREPARATION AND COMPOSITIONS AND (CO)POLYMER MATRICES CONTAINING THEM

• NAPHTOPYRANES ACCOLES EN C₆-C₇, LEUR PREPARATION ET COMPOSITIONS ET MATRICES (CO)POLYMERES LES CONTENANT

(71) **CORNING INCORPORATED** [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US). (for all designated States except / pour tous les États désignés sauf US)

(71, 72) **CHAN, You-Ping** [FR/FR]; 14, boulevard Jean XXIII, F-69008 Lyon (FR).

(72, 75) **JEAN, Patrick** [FR/FR]; 21, rue Pere Chevrier, F-69007 Lyon (FR).

(74) **NWANERI, Angela, N.**; Corning Incorporated, Patent Dept., SP TI 3-1, Corning, NY 14831 (US).

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

Published / Publiée : (c)

(51)⁷ C07D 335/02, 335/06, 495/04, C07F 9/6553, A01N 43/18, 57/32

(11) WO 00/15632 (13) A1

(21) PCT/EP99/06475

(22) 3 Sep/sep 1999 (03.09.1999)

(25) de (26) de

(30) 198 41 511.7 11 Sep/sep 1998 DE (11.09.1998)

(30) 199 21 157.4 7 May/mai 1999 DE (07.05.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • THIOPYRON-DERIVATIVE AND THEIR USE AS PESTICIDES
• DERIVES DE THIOPYRONE ET LEUR UTILISATION COMME PESTICIDES

(71) BAYER AKTIENGESELLSCHAFT [DE/DE]; D-51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LIEB, Folker [DE/DE]; Alfred-Kubin-Strasse 1, D-51375 Leverkusen (DE). FISCHER, Reiner [DE/DE]; Nelly-Sachs-Strasse 23, D-40789 Monheim (DE). STETTER, Jörg [DE/DE]; Gellertweg 4, D-42115 Wuppertal (DE). BRETSCHNEIDER, Thomas [DE/DE]; Talstrasse 29 b, D-53797 Lohmar (DE). ERDELEN, Christoph [DE/DE]; Unterbüschlerhof 15, D-42799 Leichlingen (DE). WACHENDORFF-NEUMANN, Ulrike [DE/DE]; Oberer Markenweg 85, D-56566 Neuwied (DE).

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

Published / Publiée : (c)

(51)⁷ C07D 405/04, 413/04, 409/04, 209/48, 403/04, A01N 43/54, 43/38

(11) WO 00/15633 (13) A1

(21) PCT/JP99/04758

(22) 2 Sep/sep 1999 (02.09.1999)

(25) en (26) en

(30) 10/257237 10 Sep/sep 1998 JP (10.09.1998)

(30) 11/4373 11 Jan/jan 1999 JP (11.01.1999)

(30) 11/143300 24 May/mai 1999 JP (24.05.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • CONDENSED HETEROCYCLIC COMPOUNDS AND HERBICIDES CONTAINING THEM

• COMPOSES HETEROCYCLIQUES CONDENSES ET HERBICIDES LES CONTENANT

(71) SUMITOMO CHEMICAL COMPANY, LIMITED [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).

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(72, 75) TAKANO, Minoru [JP/JP]; 1-77, Hironogongen, Hatano-cho, Kameoka-shi, Kyoto 621-0262 (JP). KAWAMURA, Shinichi [JP/JP]; 2-7-508, Kokawa-cho, Chuo-ku, Osaka-shi, Osaka 540-0018 (JP). KOMORI, Takashi [JP/JP]; 2-11-8-107, Sonhegashi-machi, Toyonaka-shi, Osaka 561-0802 (JP).

(74) AOYAMA, Tamotsu et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

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

Published / Publiée : (c)

(51)⁷ C07D 405/06, A61K 31/35, C07D 407/00, 409/06, 417/12, 409/12, 409/14, 417/06, 405/14, 405/12, 417/14, 413/06

(11) WO 00/15634 (13) A2

(21) PCT/US99/18986

(22) 18 Aug/août 1999 (18.08.1999)

(25) en (26) en

(30) 60/099,946 11 Sep/sep 1998 US (11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • HIV PROTEASE INHIBITORS

• INHIBITEURS DE LA PROTEASE DU VIH

(71) WARNER-LAMBERT COMPANY [US/US]; 201 Tabor Road, Morris Plains, NJ 07950 (US).

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(72, 75) BOYER, Frederick, Earl, Jr. [US/US]; 1624 Ironwood Drive, Canton Township, MI 48188 (US). DOMAGALA, John, Michael [US/US]; 47693 Red Run, Canton, MI 48187 (US). ELLSWORTH, Edmund, Lee [US/US]; 6899 Kestrel Court, Brighton, MI 48116 (US). GAJDA, Christopher, Andrew [CA/US]; 2684 Bellwood, Ann Arbor, MI 48104 (US). HAGEN, Susan, Elizabeth [US/US]; 1035 Paddington Road, Canton Township, MI 48187 (US). LOVDAHL, Michael, James [US/US]; 2948 Renfrew Street, Ann Arbor, MI 48105 (US). LUNNEY, Elizabeth, Ann [US/US]; 619 Ridgewood Court, Ann Arbor, MI 48103 (US).

MARKOSKI, Larry, James [US/US]; 303 W. Green 202D, Champaign, IL 61820 (US).

JOSYULA, Vara, Prasad, Venkata, Nandendra [IN/US]; 3129 Fawnmeadow Court, Ann Arbor, MI 48105 (US). TAIT, Bradley, Dean [US/US]; 8431 Congress Drive, Canton, MI 48187 (US).

(74) RYAN, M., Andrea; Warner-Lambert Company, 201 Tabor Road, Morris Plains, NJ 07950 (US) et al. / etc.

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

(51)⁷ C07D 405/12, 213/64, 417/12, 409/12, A01N 43/40

(11) WO 00/15635 (13) A1

(21) PCT/US99/21350

(22) 16 Sep/sep 1999 (16.09.1999)

(25) en (26) en

(30) 60/100,493 16 Sep/sep 1998 US (16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • 2-METHOXYIMINO -2- (PYRIDINYLOXYMETHYL) PHENYL ACETAMIDES USEFUL AS FUNGICIDES

• 2-METHOXYIMINO -2- (PYRIDINYLOXYMETHYLE) PHENYLE ACETAMIDES UTILES EN TANT QUE FONGICIDES

(71) DOW AGROSCIENCES LLC [US/US]; 9330 Zionsville Road, Indianapolis, IN 46268 (US).

(72) CANADA, Emily, Jane; 5523 North Arlington Avenue, Indianapolis, IN 46226 (US). DENNY, Carl, Penman; 327 Poplar Road, Indianapolis, IN 46219 (US). GALKA, Christopher, Stanley; 3024 Woodspring Drive, Carmel, IN 46033 (US). KIRBY, Neil, Vincent; 13911 Stonemill Circle, Carmel, IN 46032 (US). MCKENNON, Marc; 2117 N.W. Pacific Yew Place, Issaquah, WA 98027 (US). PIECZKO, Mary, Elizabeth; 5323 Holly Springs Drive West, Indianapolis, IN 46254 (US). REZAC, Rebecca, Lynn; 4002 Colchester Drive, Indianapolis, IN 46268 (US). RIEDER, Brent, Jeffrey; 3756 Forest Lane, Greenfield, IN 46140 (US). SWAYZE, John, Kris; 4665 Cheval Place, Carmel, IN 46033 (US). CARSON, Christlyn, Marie; 2899 Brook Vista, Carmel, IN 46032 (US). JOHNSON, David, Delmar; 6559 East 400 South, Greenfield, IN 46140 (US). KEMMITT, Gregory, Miles; 1933 Tanglewood Drive, Lafayette, IN 47905 (US).

(74) CORVIN, Carl, Dean; Dow AgroSciences LLC, 9330 Zionsville Road, Indianapolis, IN 46268 (US).

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

Published / Publiée : (c)

(51)⁷ C07D 405/14, 413/14, A61K 31/445, 31/495, 31/35

(11) WO 00/15636 (13) A1

(21) PCT/EP99/06402

(22) 1 Sep/sep 1999 (01.09.1999)

(25) en (26) en

(30) 60/099,740 10 Sep/sep 1998 US (10.09.1998)

(30) 60/138,468 10 Jun/juin 1999 US (10.06.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • DIHYDROBENZODIOXINE CARBOXAMIDE AND KETONE DERIVATIVES AS 5-HT4 RECEPTOR ANTAGONISTS

• DIHYDROBENZODIOXINE CARBOXAMIDE ET DERIVES DE CETONE UTILISES COMME ANTAGONISTES DU RECEPTEUR 5-HT4

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

(72) CLARK, Robin, Douglas; 2025 Columbia Street, Palo Alto, CA 94306 (US). JAHANGIR, Alam; 1622 Briarpoint Drive, San Jose, CA 95131 (US).

(74) POPPE, Regina; Grenzacherstrasse 124, CH-4070 Basle (CH).

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

(51)⁷ C07D 413/04, A01N 43/82, 43/76, 43/72

(11) WO 00/15637 (13) A1

(21) PCT/US99/21346

(22) 16 Sep/sep 1999 (16.09.1999)

(25) en (26) en

(30) 60/100,666 16 Sep/sep 1998 US (16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • 2-METHOXYIMINO -2- (PYRIDINYLOXYMETHYL) PHENYL ACETAMIDES WITH 5 MEMBERED HETEROCYCLIC RINGS ON THE PYRIDINE RING AS FUNGICIDES

• 2-METHOXYIMINO -2- (PYRIDINYLOXYMETHYLE) PHENYLE ACETAMIDES COMPRENANT DES HETEROCYCLES A 5 CHAINONS SUR LE CYCLE PYRIDINE, UTILISES COMME FONGICIDES

(71) DOW AGROSCIENCES LLC [US/US]; 9330 Zionsville Road, Indianapolis, IN 46268 (US).

(72) KIRBY, Neil, Vincent; 13911 Stonemill Circle, Carmel, IN 46032 (US). CANADA, Emily, Jane; 5523 North Arlington Avenue, Indianapolis, IN 46226 (US). MORRISON, Irene, Mae; 8224 Glenwillow Lane #206, Indianapolis, IN 46278 (US). PIECZKO, Mary, Elizabeth; 5323 Holly Springs Drive West, Indianapolis, IN 46254 (US). GUSTAFSON, Gary, David; 4572 Ivywood Court, Zionsville, IN 46077 (US). MATHIESON, John, Todd; 6527 Donnelly Drive, Brownsburg, IN 46112 (US). COOPER, David, Harry; 2243 Fullerton Circle, Indianapolis, IN 46214 (US). GALKA, Christopher, Stanley; 3024 Woodspring Drive, Carmel, IN 46033 (US). ADAMSKY, Jennifer, Lynn; 4813 N. Broadway, Indianapolis, IN 46205 (US).

(74) CORVIN, Carl, Dean; Dow AgroSciences LLC, 9330 Zionsville Road, Indianapolis, IN 46268 (US).

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

(51)⁷ C07D 417/12, 277/24

(11) WO 00/15638 (13) A1

(21) PCT/IB99/01530

(22) 10 Sep/sep 1999 (10.09.1999)

(25) en (26) en

(30) 2060/MAS/98 14 Sep/sep 1998 IN (14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • AN IMPROVED PROCESS FOR THE PREPARATION OF THIAZOLIDINE-2,4-DIONE DERIVATIVES

• PROCEDE AMELIORE DE PREPARATION DE DERIVES DE THIAZOLIDINE-2,4-DIONE

(71) DR. REDDY'S RESEARCH FOUNDATION [IN/IN]; 7-1-27, Ameerpet, Hyderabad 500 016 (IN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHEBIYYAM, Prabhakar [IN/IN]; Dr. Reddy's Research Foundation, 7-1-27, Ameerpet, Hyderabad 500 016 (IN). POTLAPALLY, Rajender, Kumar [IN/IN]; Dr. Reddy's Research Foundation, 7-1-27, Ameerpet, Hyderabad 500 016 (IN). GADE, Chinna, Bakki, Reddy [IN/IN]; Dr. Reddy's Research Foundation, 7-1-27, Ameerpet, Hyderabad 500 016 (IN). SATTISH, Balaram, Mahanti [IN/IN]; Dr. Reddy's Research Foundation, 7-1-27, Ameerpet, Hyderabad 500 016 (IN). MAMILLAPALLI, Ramabhadra, Sarma [IN/IN]; Dr. Reddy's Research Foundation, 7-1-27, Ameerpet, Hyderabad 500 016 (IN). GADDAM, Om, Reddy [IN/IN]; Dr. Reddy's Research Foundation, 7-1-27, Ameerpet, Hyderabad 500 016 (IN).

(74) DR. REDDY'S RESEARCH FOUNDATION; 7-1-27, Ameerpet, Hyderabad 500 016 (IN).

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

(51)⁶ C07D 471/04 // (C07D 471/04, 221:00, 209:00)

(11) WO 00/15639 (13) A1

(21) PCT/EP98/06050

(22) 16 Sep/sep 1998 (16.09.1998)

(25) en (26) en

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • CARBOLINE DERIVATIVES AS CGMP PHOSPHODIESTERASE INHIBITORS
• DERIVES DE CARBOLINE EN TANT QU'INHIBITEURS DE LA GMP CYCLIQUE PHOSPHODIESTERASE

(71) ICOS CORPORATION [US/US]; 22021 20th Avenue, S.E., Bothell, WA 98021 (US).
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(72, 75) BOMBRUN, Agnès [FR/FR]; 100 Route de Versailles, F-78163 Marly le Roy Cedex (FR). GELLIBERT, Françoise [FR/FR]; 100 Route de Versailles, F-78163 Marly le Roy Cedex (FR).

(74) BOULINGUIEZ, Didier; Cabinet Plasseraud, 84, rue d'Amsterdam, F-75440 Paris Cedex 09 (FR).

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

- (51)⁶ C07D 477/20, A61K 31/415
(11) WO 00/15640 (13) A1
(21) PCT/JP99/04846
(22) 7 Sep/sep 1999 (07.09.1999)
(25) ja (26) ja
(30) 10/257051 10 Sep/sep 1998 JP
(10.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • CARBAPENEM COMPOUNDS
• COMPOSES DE CARBAPENEM
(71) WYETH LEDERLE JAPAN, LTD.
[JP/JP]; 10-3, Kyobashi 1-chome, Chuo-ku,
Tokyo 104-0031 (JP).
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les États désignés sauf US)
(72, 75) ABE, Takao [JP/JP]; 26-17 Naka-cho,
Sakado-shi, Saitama 350-0227 (JP). KA-
NEDA, Soh-ichi [JP/JP]; 3-19-5 Sai-
wai-cho, Shiki-shi, Saitama 353-0005
(JP). HAYASHI, Kazuhiko [JP/JP]; 18-53
Naema, Ohimachi, Iruma-gun, Saitama
356-0052 (JP).
(74) KUSAMA, Osamu; Kusama Patent Office,
7F Iwata Building, 5-12, Iidabashi 4-chome,
Chiyoda-ku, Tokyo 102-0072 (JP).
(81) AU CA HU IL JP KR NO US; EP (AT BE
CH CY DE DK ES FI FR GB GR IE IT LU
MC NL PT SE).
-
- (51)⁶ C07D 487/08, A61K 31/40, 31/415,
48/00, C12N 15/01
(11) WO 00/15641 (13) A1
(21) PCT/JP99/01228
(22) 12 Mar/mar 1999 (12.03.1999)
(25) ja (26) ja
(30) 10/260710 14 Sep/sep 1998 JP
(14.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • COMPOUNDS ALKYLATING SPECI-
FIC BASE SEQUENCE OF DNA AND
METHOD FOR SYNTHESIZING THE
SAME
• COMPOSES ALKYLANT UNE SE-
QUENCE DE BASE SPECIFIQUE
D'ADN, ET PROCEDE DE SYNTHESE
DESDITS COMPOSES
(71) JAPAN SCIENCE AND TECHNOLOGY
CORPORATION [JP/JP]; 1-8, Honcho
4-chome, Kawaguchi-shi, Saitama-ken
332-0012 (JP).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) SUGIYAMA, Hiroshi [JP/JP];
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Ichigaya, Shinjuku-ku, Tokyo 162-0842
(JP). TAO, Zhi, Fu [CN/JP]; 4-17-13-502,
Morishita, Koto-ku, Tokyo 135-0004 (JP).
SAITO, Isao [JP/JP]; 1-21, Shibayama,
Kanshuji, Yamashina-ku, Kyoto-shi,
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(74) SAEKI, Norio; Taka-ai Building, 9th floor,
15-2, Nihonbashi 3-chome, Chuo-ku, To-
kyo 103-0027 (JP).
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(51)⁷ C07F 5/06, C08F 10/00
(11) WO 00/15642 (13) A1
(21) PCT/US99/18052
(22) 9 Aug/août 1999 (09.08.1999)
(25) en (26) en
(30) 60/100,489 16 Sep/sep 1998 US
(16.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • DINUCLEAR FLUOROARYL ALUMI-
NUM ALKYL COMPLEXES
• COMPLEXES ALKYLES DE
FLUOROARYLALUMINIUM BINU-
CLEAIRES
(71) THE DOW CHEMICAL COMPANY
[US/US]; 2030 Dow Center, Midland, MI
48674 (US).
(72) CHEN, Eugene, Y.; 2101 Eastlawn Drive
No. 9, Midland, MI 48642 (US). KRUPER,
William, J., Jr.; 230 Barden Road, Sanford,
MI 48657 (US).
(74) DELINE, Douglas, N.; The Dow Chemical
Company, Patent Dept., P.O. Box 1967,
Midland, MI 48641-1967 (US).
(81) AE AL AM AT AU AZ BA BB BG BR BY
CA CH CN CU CZ DE DK EE ES FI GB
GD GE GH GM HR HU ID IL IN IS JP KE
KG KP KR KZ LC LK LR LS LT LU LV
MD MG MK MN MW MX NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT
UA UG UZ VN YU ZA ZW; AP (GH GM
KE LS MW SD SL SZ UG ZW); EA (AM
AZ BY KG KZ MD RU TJ TM); EP (AT
BE CH CY DE DK ES FI FR GB GR IE IT
LU MC NL PT SE); OA (BF BJ CF CG CI
CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ C07F 7/20
(11) WO 00/15643 (13) A1
(21) PCT/EP99/06743
(22) 11 Sep/sep 1999 (11.09.1999)
(25) de (26) de
(30) 198 42 154.0 15 Sep/sep 1998 DE
(15.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • METHOD FOR THE RECTIFICATIVE
SEPARATION OF CHLOROSILANES
• PROCEDE DE SEPARATION RECTIFI-
CATIVE DE CHLOROSILANES
(71) AXIVA GMBH [DE/DE]; D-65926 Frank-
furt am Main (DE).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) JOH, Ralph [DE/DE]; Sindlinger
Strasse 52, D-65795 Hattersheim (DE).
KLEIBER, Michael [DE/DE]; Loreleis-
trasse 61, D-65929 Frankfurt am Main
(DE).
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ZA; EP (AT BE CH CY DE DK ES FI FR
GB GR IE IT LU MC NL PT SE).
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(11) WO 00/15644 (13) A1
(21) PCT/US99/21294
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(25) en (26) en
(30) 60/100,319 15 Sep/sep 1998 US
(15.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • PROCESS FOR THE SYNTHESIS OF
TIN CARBAPENEM INTERMEDIATES
• PROCEDE RELATIF A LA SYNTHESE
D'INTERMEDIAIRES DE CARBAPE-
NEM D'ETAINE
(71) MERCK & CO., INC. [US/US]; 126 East
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(72, 75) JENSEN, Mark, S. [US/US]; 126
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(US). XIAO, Yi [CN/US]; 126 East Lincoln
Avenue, Rahway, NJ 07065 (US).
(74) MERCK & CO., INC.; 126 East Lincoln
Avenue, Rahway, NJ 07065 (US).
(81) AE AL AM AT AU AZ BA BB BG BR BY
CA CH CN CR CU CZ DE DK DM EE ES
FI GB GD GE GH GM HR HU ID IL IN IS
JP KE KG KR KZ LC LK LR LS LT LU LV
MD MG MK MN MW MX NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT
UA UG US UZ VN YU ZA ZW; AP (GH GM
KE LS MW SD SL SZ UG ZW); EA
(AM AZ BY KG KZ MD RU TJ TM); EP
(AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE); OA (BF BJ CF
CG CI CM GA GN GW ML MR NE SN TD
TG).
Published / Publiée : (c)
(51)⁶ C07F 9/572, 9/58, 9/6503, 9/6509, 9/6539,
9/6541, 9/6558, 9/6561, A61K 31/66
(11) WO 00/15645 (13) A1
(21) PCT/JP99/04913
(22) 10 Sep/sep 1999 (10.09.1999)
(25) ja (26) ja
(30) 10/258841 11 Sep/sep 1998 JP
(11.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • PHOSPHONIC ESTER DERIVATIVES
AND PROCESS FOR PRODUCING
THE SAME
• DERIVES D'ESTERS PHOSPHO-
NIQUES ET LEUR PROCEDE DE
PRODUCTION

- (71) **KYORIN PHARMACEUTICAL CO., LTD.** [JP/JP]; 5, Kanda Surugadai 2-chome, Chiyoda-ku, Tokyo 101-0062 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KONO, Yasushi** [JP/JP]; 30-8, Nishijonon 5-chome, Oyama-shi, Tochigi 323-0820 (JP). **SAWADA, Takayuki** [JP/JP]; 510-5, Oonaricho 3-chome, Oomiya-shi, Saitama 331-0043 (JP). **NOMURA, Masahiro** [JP/JP]; B203, 6095, Tomonuma, Nogi-machi, Simotuga-gun, Tochigi 329-0101 (JP). **TAKAHASHI, Yukie** [JP/JP]; 5982-1, Tomonuma, Nogi-machi, Simotuga-gun, Tochigi 329-0101 (JP). **TSUBUKI, Takeshi** [JP/JP]; 18-11, Higashimamada 1-chome, Oyama-shi, Tochigi 329-0206 (JP). **SAKOE, Yasuhiko** [JP/JP]; 750-3, Inabago, Oyama-shi, Tochigi 323-0021 (JP). **KURIYAMA, Kazuhiko** [JP/JP]; 7-16, Otome 1-chome, Oyama-shi, Tochigi 329-0214 (JP).
- (74) **MINOURA, Kiyoshi**; Kudan Building, 7F, 2-2, Kudankita 3-chome, Chiyoda-ku, Tokyo 102-0073 (JP).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ **C07H 17/00**
- (11) **WO 00/15647** (13) A2
- (21) PCT/CA99/00820
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 09/150,879 **10 Sep/sep 1998** US
(10.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • SYNTHETIC METHOD FOR THE PREPARATION OF THE ANTINEOPLASTIC AGENT ETOPOSIDE
- TECHNIQUE DE SYNTHÈSE AUX FINS DE LA PRÉPARATION D'ETOPOSIDE, UN AGENT ANTI-NEOPLASIQUE
- (71) **PHYTOGEN LIFE SCIENCES INC.** [CA/CA]; 1527 Cliveden Avenue, Delta, British Columbia V3M 6P7 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NAIDU, Ragina** [CA/CA]; Apartment 304, 2680 West 4th Avenue, Vancouver, British Columbia V6K 1P7 (CA).
- (74) **NASSIF, Omar, A.** et al. / etc.; Gowling, Strathy & Henderson, Suite 4900, Commerce Court West, Toronto, Ontario M5L 1J3 (CA).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • POLYMERISATION CATALYST
- CATALYSEUR DE POLYMERISATION
- (71) **BP CHEMICALS LIMITED** [GB/GB]; Britannic House, 1 Finsbury Circus, London EC2M 7BA (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GIBSON, Vernon, Charles** [GB/GB]; Flat 2, 46 Prince's Gate, Exhibition Road, London SW7 2QA (GB). **KIMBERLEY, Brian, Stephen** [GB/GB]; 12 Chaplin Crescent, Sunbury on Thames, Middlesex TW16 7JE (GB). **MADDOX, Peter, James** [GB/GB]; 12 Rosefield Road, Staines, Middlesex TW18 4NB (GB). **MASTROIANNI, Sergio** [FR/GB]; 475 Fulham Road, London SW6 1HL (GB).
- (74) **SMITH, Julian, Philip, Howard**; BP International Limited, Patents & Agreements, Chertsey Road, Sunbury on Thames, Middlesex TW16 7LN (GB).
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • ADENOVIRAL VECTOR ENCODING PRO-APOPTOTIC BAX GENE AND USES THEREOF
- VECTEUR ADENOVIRAL CODANT POUR LE GENE BAX PRO-APOPTOTIQUE ET UTILISATIONS D'UN TEL VECTEUR
- (71) **THE UAB RESEARCH FOUNDATION** [US/US]; Suite 1120G/AB, 701 South 20th Street, Birmingham, AL 35294-0111 (US).
- (72) **CURIEL, David, T.**; 824 Linwood Drive, Birmingham, AL 35222 (US). **GOMEZ-NAVARRO, Jesus**; Apartment O, 2612 Niazuma Avenue, Birmingham, AL 35205 (US). **XIANG, Jialing**; Apartment E, 1825 Arbo-retum, Birmingham, AL 35216 (US).
- (74) **ADLER, Benjamin, A.**; McGregor & Adler, LLP, 8011 Candle Lane, Houston, TX 77071 (US).
- (81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- (51)⁶ **C07H 21/04, A61K 35/00, 48/00, C12N 15/63**
- (11) **WO 00/15649** (13) A1
- (21) PCT/US99/20723
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 60/099,896 **11 Sep/sep 1998** US
(11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHODS OF INHIBITING SMOOTH MUSCLE CELL PROLIFERATION AND PREVENTING RESTENOSIS WITH A VECTOR EXPRESSING RB2/p130
- PROCEDES POUR INHIBER UNE PROLIFERATION DES CELLULES DU MUSCLE LISSE ET EMPECHER LA RESTENOSE AU MOYEN D'UN VECTEUR EXPRIMANT RB2/p130
- (71) **THOMAS JEFFERSON UNIVERSITY** [US/US]; 11th & Walnut Street, Philadelphia, PA 19107 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GIORDANO, Antonio** [IT/US]; 303 Ginger Lane, Philadelphia, PA 19128 (US). **CLAUDIO, Pier, P.** [IT/US]; 2054 Lombard Street, Philadelphia, PA 19146 (US).
- (74) **McNICHOL, William, J., Jr.**; Reed Smith Shaw & McClay, 2500 One Liberty Place, Philadelphia, PA 19103-7301 (US).
- (81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- (51)⁶ **C07H 21/04, C07K 14/00, C12N 15/00**
- (11) **WO 00/15650** (13) A1
- (21) PCT/US99/20770
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 60/099,732 **10 Sep/sep 1998** US
(10.09.1998)
- (30) 60/101,868 **25 Sep/sep 1998** US
(25.09.1998)

(30) 09/156,800 **17 Sep/sep 1998** US
(17.09.1998)

(30) 09/208,809 **9 Dec/déc 1998** US
(09.12.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • POLYNUCLEOTIDE AND POLYPEPTIDE SEQUENCES ENCODING RAT MDR1A AND SCREENING METHODS THEREOF

- SEQUENCES POLYNUCLEOTIDIQUES ET POLYPEPTIDIQUES CODANTES POUR LE MDR1A DU RAT, ET TECHNIQUES DE CRIBLAGE CORRESPONDANTES

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

(72) **BRUN, Kimberly, A.**; 430 Candelwood Way, Harleysville, PA 19438 (US). **CHE-NÉRY, Richard, J.**; 18 Bessesmer Close, Hitchin, Herts (GB). **ELLENS, Harma**; 1527 Sheridan Lane, Norristown, PA 19403 (US). **FEILD, John, A.**; 610 Mallard Terrace, Wayne, PA 19087 (US). **YUE, Lin**; 63 Flintock Lane, Phoenixville, PA 19406-0939 (US).

(74) **ANDERSEN, Robert, L.** et al. / etc.; Ratter & Prestia, 301 One Westlakes (Berwyn), P.O. Box 980, Valley Forge, PA 19482-0980 (US).

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

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(51)⁷ **C07H 21/04, C12N 15/63, 1/21, 15/00**

(11) **WO 00/15651** (13) A1

(21) PCT/US99/20948

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 60/100,137 **14 Sep/sep 1998** US
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • REGULATION OF IMMUNE RESPONSES BY ATTRACTIN

- REGULATION DE REPONSES IMMUNES A L'AIDE D'ATTRACTINE

(63) US 60/100,137 (CON)
14 Sep/sep 1998 (14.09.1998)

(71) **DANA-FARBER CANCER INSTITUTE** [US/US]; 44 Binney Street, Boston, MA 02115 (US).

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(72, 75) **DUKE-COHAN, Jonathan, S.** [IL/US]; 93 Parker Avenue, Newton Highlands, MA 02161 (US). **SCHLOSSMAN, Stuart, F.** [US/US]; 1 Fox Place, Newton Centre, MA 02195 (US).

(74) **FRASER, Janis, K.**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).

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

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(51)⁶ **C07J 9/00**

(11) **WO 00/15652** (13) A1

(21) PCT/US98/19271

(22) **15 Sep/sep 1998 (15.09.1998)**

(25) en (26) en

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR SEPARATING STEROLS FROM TALL OIL

- PROCEDE POUR SEPARER DES STEROLS PRESENTS DANS DU TALL OIL

(71) **UNION CAMP CORPORATION** [US/US]; P.O. Box 3301, Princeton, NJ 08543-3301 (US).

(72) **HUIBERS, Derk, T., A.**; 37 Aberly Drive, Pennington, NJ 08534 (US). **ROBBINS, Andrew, M.**; 1624 Prospect Street, Trenton, NJ 08638 (US). **SULLIVAN, David, H.**; 431 Musket Drive, Morrisville, PA 19067 (US).

(74) **MONACO, Daniel, A.**; Seidel, Gonda, Lavorgna & Monaco, P.C., Suite 1800, Two Penn Center Plaza, Philadelphia, PA 19102 (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 UZ VN; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ **C07K 1/00**

(11) **WO 00/15653** (13) A2

(21) PCT/GB99/03088

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) en (26) en

(30) 9820208.8 **16 Sep/sep 1998** GB
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • APPARATUS FOR, AND METHOD OF, STORING A PLURALITY OF CHEMICAL COMPOUNDS

- APPAREIL ET PROCEDE PERMETTANT DE STOCKER PLUSIEURS COMPOSES CHIMIQUES

(71) **CENTRAL RESEARCH LABORATORIES LIMITED** [GB/GB]; Dawley Road, Hayes, Middlesex UB3 1HH (GB).

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(72, 75) **SHAW, John, Edward, Andrew** [GB/GB]; 45 Colne Avenue, West Drayton, Middlesex UB7 7AL (GB).

(74) **WALKER, Neville, Daniel, Alan**; QED I.P. Services Limited, Dawley Road, Hayes, Middlesex UB3 1HH (GB).

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

(51)⁶ **C07K 1/04, 1/06, 1/107, 7/64, 14/435, A61K 38/12, 38/16**

(11) **WO 00/15654** (13) A1

(21) PCT/AU99/00769

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) PP 5895 **14 Sep/sep 1998** AU
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • CYCLISED CONOTOXIN PEPTIDES

- PEPTIDES DE CONOTOXINES CYCLISES

(71) **THE UNIVERSITY OF QUEENSLAND** [AU/AU]; St. Lucia, QLD 4067 (AU).

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(72, 75) **CRAIK, David, James** [AU/AU]; 12 Peebles Place, Chapel Hill, QLD 4069 (AU). **DALY, Norelle, Lee** [AU/AU]; 2/49 Bishop Street, St. Lucia, QLD 4067 (AU). **NIELSEN, Katherine, Justine** [AU/AU]; 17 Lambourn Street, Chapel Hill, QLD 4069 (AU).

(74) **CAINE, Michael, James** et al. / etc.; Davies Collison Cave, 1 Little Collins Street, Melbourne, VIC 3000 (AU).

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

(51)⁷ **C07K 1/12, 1/18, 7/08, 14/47, 14/79, A61K 38/10, 38/01, C07K 14/315, 1/22**

(11) **WO 00/15655** (13) A1

(21) PCT/EP99/07002

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 98203107.2 **15 Sep/sep 1998** EP
(15.09.1998)

(30) 99201815.0 **8 Jun/juin 1999** EP
(08.06.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • PROCESS FOR PRODUCING PEPTIDES FROM BIOLOGICAL FLUIDS AND PEPTIDES OBTAINABLE BY SAID PROCESS

• PROCEDE DE PRODUCTION DE PEPTIDES A PARTIR DE FLUIDES BIOLOGIQUES ET PEPTIDES PRODUITS SELON LEDIT PROCEDE

(71) **NIZO FOOD RESEARCH** [NL/NL]; Kernhemseweg 2, NL-6718 ZB Ede (NL). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **VISSER, Servaas** [NL/NL]; Irenelaan 39, NL-6713 ML Ede (NL). **RECIO, Isidra** [ES/NL]; NIZO food research, Kernhemseweg 2, NL-6718 ZB Ede (NL).

(74) **HUYGENS, Arthur, V.**; Octrooibureau Huygens, P.O. Box 86, NL-3400 AB IJsselstein (NL).

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

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(51)⁷ **C07K 5/075, A23L 1/236**

(11) **WO 00/15656** (13) A1

(21) PCT/NL99/00553

(22) **7 Sep/sep 1999 (07.09.1999)**

(25) en (26) en

(30) 1010063 **10 Sep/sep 1998** NL
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • PROCESS FOR THE PREPARATION OF NEOTAME

• PROCEDE DE PREPARATION DE NEOTAME

(71) **HOLLAND SWEETENER COMPANY V.O.F.** [NL/NL]; Koestraat 1, NL-6167 RA Geleen (NL).

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(72, 75) **BOESTEN, Wilhelmus, Hubertus, Joseph** [NL/NL]; Brountslaan 9, NL-6132 BJ Sittard (NL). **QUAEDFLIEG, Peter, Jan, Leonard, Mario** [NL/NL]; Kochstraat 6, NL-6164 HB Geleen (NL). **SNIJDER, Carina, Sascha** [NL/NL]; Vogezenstraat 18, NL-6137 JR Sittard (NL). **TEUNISSEN, Antonius, Jacobus, Josephus, Maria** [NL/NL]; Van Ostadestraat 42, NL-6165 XM Geleen (NL).

(74) **DAUTZENBERG, Jozef, Marie, Andreas**; Octrooibureau DSM, P.O. Box 9, NL-6160 MA Geleen (NL).

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

Published / Publiée : (c)

(51)⁷ **C07K 5/08, C07D 295/185, 209/20, A61K 38/06, 31/495, 31/496, C07D 405/12, 409/12, 401/12, 417/12**

(11) **WO 00/15657** (13) A1

(21) PCT/GB99/02957

(22) **7 Sep/sep 1999 (07.09.1999)**

(25) en (26) en

(30) 9819860.9 **12 Sep/sep 1998** GB
(12.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • PIPERIZINE-4-PHENYL DERIVATIVES AS INHIBITORS OF THE INTERACTION BETWEEN MDM2 AND 53

• DERIVES DE PIPERAZINE-4-PHENYLE SERVANT D'INHIBITEURS DE L'INTERACTION ENTRE MDM2 ET p53

(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) **LUKE, Richard, William, Arthur** [GB/GB]; Alderley Park, Macclesfield, Cheshire SK10 4TG (GB). **JEWSBURY, Philip, John** [GB/GB]; Alderley Park, Macclesfield, Cheshire SK10 4TG (GB). **COTTON, Ronald** [GB/GB]; Alderley Park, Macclesfield, Cheshire SK10 4TG (GB).

(74) **BRYANT, Tracey**; AstraZeneca PLC, Global Intellectual Property, Alderley Park, Mereside, Macclesfield, Cheshire SK10 4TG (GB).

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

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(51)⁷ **C07K 5/11, 5/09, A61K 38/06, 38/07**

(11) **WO 00/15658** (13) A1

(21) PCT/EP99/06449

(22) **2 Sep/sep 1999 (02.09.1999)**

(25) en (26) en

(30) 98117506.0 **15 Sep/sep 1998** EP
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • FACTOR VIIa INHIBITORS

• INHIBITEURS DU FACTEUR VIIa

(71) **AVENTIS PHARMA DEUTSCHLAND GMBH** [DE/DE]; Brüningstrasse 50, D-65929 Frankfurt am Main (DE).

(72) **SAFAR, Pavel**; 12431 N Forest Lake Way, Tucson, AZ 85737 (US). **SAFAROVA, Alena**; 12431 N Forest Lake Way, Tucson, AZ 85737 (US). **WILDGOOSE, Peter**; Hintergasse 18, D-61440 Oberursel (DE).

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

(51)⁷ **C07K 14/00**

(11) **WO 00/15659** (13) A2

(21) PCT/US99/21023

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 09/154,444 **16 Sep/sep 1998** US
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • STOMACH POLYPEPTIDE ZSIG28

• POLYPEPTIDE STOMACAL ZSIG28

(71) **ZYMOGENETICS, INC.** [US/US]; 1201 Eastlake Avenue East, Seattle, WA 98102 (US).

(72) **SHEPPARD, Paul, O.**; 20717 NE 2nd Street, Redmond, WA 98053 (US). **FOLEY, Kevin, P.**; 605 Boylston Avenue East #206, Seattle, WA 98102 (US).

(74) **JOHNSON, Jennifer, K.**; ZymoGenetics, Inc., 1201 Eastlake Avenue East, Seattle, WA 98102 (US).

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

- (51)⁷ **C07K 14/00, A61K 39/395, 38/00, C07H 21/02, 21/04**
- (11) **WO 00/15660** (13) A1
- (21) PCT/US99/21176
- (22) **13 Sep/sep 1999 (13.09.1999)**
- (25) en (26) en
- (30) 60/100,415 **15 Sep/sep 1998 US (15.09.1998)**
- (30) Not furnished / **10 Sep/sep 1999 US non communiqué (10.09.1999)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **TARGET OF RNAIII ACTIVATING PROTEIN (TRAP)**
• **CIBLE D'UNE PROTEINE ACTIVANT RNAIII (TRAP)**
- (71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US];** 12th Floor, 1111 Franklin Street, Oakland, CA 94602-5200 (US).
- (72) **BALABAN, Naomi;** Davis, CA (US). **NAHN, Rachel;** Sacramento, CA (US). **GOLDKORN, Tzipora;** Davis, CA (US).
- (74) **FRANCIS, Carol;** Bozicevic, Field & Francis LLP, Suite 200, 285 Hamilton Avenue, Palo Alto, CA 94301 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C07K 14/245, C12N 15/70, 15/62, 1/21 // (C12N 1/21, C12R 1:19)**
- (11) **WO 00/15661** (13) A1
- (21) PCT/KR99/00547
- (22) **15 Sep/sep 1999 (15.09.1999)**
- (25) en (26) en
- (30) 1998/38061 **15 Sep/sep 1998 KR (15.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **MODIFIED E. COLI ENTEROTOXIN II SIGNAL PEPTIDE AND A MICROORGANISM EXPRESSING A FUSION PROTEIN OF SAID PEPTIDE AND A HETEROLOGOUS PROTEIN**
• **PEPTIDE SIGNAL D'ENTEROTOXINE II DE E. COLI MODIFIE ET MICROORGANISME EXPRIMANT UNE PROTEINE DE FUSION DUDIT PEPTIDE ET PROTEINE HETEROLOGUE**
- (71) **HANMI PHARM. CO., LTD. [KR/KR];** #893-5, Hajeori, Paltanmyeon, Hwaseong-gun, Kyungki-do 445-910 (KR).
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- (72, 75) **KWON, Se, Chang [KR/KR];** Hanyang Apt. 5-201, #789, Siheung-1-dong, Keumcheon-gu, Seoul 153-031 (KR). **JUNG, Sung, Youb [KR/KR];** Geoyeo Apt. 504-1402, #294, Geoyeo-2-dong, Songpa-gu, Seoul 138-112 (KR). **SHIN, Hoon [KR/KR];** Mokdong Apt. 1117-607, #325, Sinjeong-dong, Yangcheon-gu, Seoul 158-070 (KR). **CHOI, Jay, Do [KR/KR];** Donga 1-cha Apt., 502, Seongnae-3-dong, Kangdong-gu, Seoul 134-033 (KR). **CHOL, Ki, Doo [KR/KR];** Gaepojugong Apt., 601-407, Gaepo-dong, Kangnam-gu, Seoul 135-240 (KR). **LEE, Gwan, Sun [KR/KR];** Geukdong Apt., 2-806, Garak-2-dong, Songpa-gu, Seoul 138-743 (KR).
- (74) **JANG, Seong, Ku et al. / etc.;** KEC Building, 17th floor, #275-7, Yangjae-dong, Seocho-ku, Seoul 137-130 (KR).
- (81) AU BR CA CN JP NZ RU SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **C07K 14/43, C12N 15/29, 15/10, 15/82, A01H 01/00**
- (11) **WO 00/15662** (13) A1
- (21) PCT/EP99/06692
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 98117251.3 **11 Sep/sep 1998 EP (11.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **REGULATORY SEQUENCES FOR ROOT SPECIFIC OR ROOT ABUNDANT GENE EXPRESSION IN PLANTS**
• **SEQUENCES REGULATRICES DE L'EXPRESSION GENIQUE DANS DES PLANTES, SPECIFIQUE DES RACINES OU PRINCIPALEMENT ACTIVE DANS CELLES-CI**
- (71) **AGRICULTURAL TECHNOLOGY & GENETICS GmbH [DE/DE];** Im Rheinfeld 1-13, D-76437 Rastatt (DE).
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- (72, 75) **FEIX, Günter [DE/DE];** Rehagweg 13, D-79100 Freiburg (DE). **WULFF, Doerte [DE/DE];** Buchenstrasse 10, D-79108 Freiburg (DE).
- (74) **SCHRELL, Andreas et al. / etc.;** Maybachstrasse 6A, D-70469 Stuttgart (DE).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C07K 14/52, A61K 38/19, G01N 33/68, A61K 47/48, C07K 1/107, C12Q 1/68**
- (11) **WO 00/15663** (13) A1
- (21) PCT/GB99/03059
- (22) **14 Sep/sep 1999 (14.09.1999)**
- (25) en (26) en
- (30) 9820014.0 **14 Sep/sep 1998 GB (14.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **MIP-1 α ISOFORM LD78 β AND USES THEREOF**
• **ISOFORME LD78 β DE MIP-1 α ET SES UTILISATIONS**
- (71) **CANCER RESEARCH CAMPAIGN TECHNOLOGY LIMITED [GB/GB];** Cambridge House, 6-10 Cambridge Terrace, Regent's Park, London NW1 4JL (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GRAHAM, Gerard, John [GB/GB];** Beatson Institute for Cancer Research, Garscube Estate, Switchback Road, Glasgow G61 1BD (GB). **NIBBS, Robert, John, Benjamin [GB/GB];** Beatson Institute for Cancer Research, Garscube Estate, Switchback Road, Glasgow G61 1BD (GB).
- (74) **BRASNETT, Adrian, H. et al. / etc.;** Mewburn Ellis, York House, 23 Kingsway, London WC2B 6HP (GB).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **C07K 14/61**
- (11) **WO 00/15664** (13) A1
- (21) PCT/AU99/00742
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) PP 5821 **10 Sep/sep 1998 AU (10.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **MODIFIED HUMAN GROWTH HORMONE**
• **HORMONE DE CROISSANCE HUMAINE MODIFIEE**
- (71) **BRESAGEN LIMITED [AU/AU];** 38-39 Winwood Street, Thebarton, S.A. 5031 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BASTIRAS, Stan [AU/AU];** 21 Bonython Close, Adelaide, S.A. 5000 (AU). **ROBINS, Allan [AU/AU];** Lot 8, Barker Road, Waterloo Corner, S.A. 5100 (AU).

- (74) **STEARNE, Peter** et al. / etc.; Davies Collison Cave, Level 10, 10 Barrack Street, Sydney, NSW 2000 (AU).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C07K 16/00**
- (11) **WO 00/15665** (13) A2
- (21) PCT/DK99/00484
- (22) **14 Sep/sep 1999 (14.09.1999)**
- (25) en (26) en
- (30) PA 1998 01155 **14 Sep/sep 1998 (14.09.1998)** DK
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • A METHOD OF PRODUCING A FUNCTIONAL IMMUNOGLOBULIN SUPERFAMILY PROTEIN
- PROCEDE DE PRODUCTION D'UNE PROTEINE FONCTIONNELLE DE LA SUPERFAMILLE DES IMMUNOGLOBULINES
- (71, 72) **PEDERSEN, Lars, Østergaard** [DK/DK]; Ved Vigen 14, DK-2400 Copenhagen NV (DK). **BUUS, Søren** [DK/DK]; Stenmaglevej 29, DK-2700 Brønshøj (DK).
- (74) **PLOUGMANN, VINGTOFT & PARTNERS A/S**; Sankt Annæ Plads 11, P.O. Box 3007, DK-1021 Copenhagen K (DK).
- (81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C07K 16/00**
- (11) **WO 00/15666** (13) A2
- (21) PCT/US99/20594
- (22) **8 Sep/sep 1999 (08.09.1999)**
- (25) en (26) en
- (30) 60/099,803 **10 Sep/sep 1998 (10.09.1998)** US
- (30) PCT/US98/18824 **10 Sep/sep 1998 (10.09.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR
- COMPOSITIONS ET METHODES DE TRAITEMENT DES TUMEURS
- (71) **GENENTECH, INC.** [US/US]; 1 DNA Way, South San Francisco, CA 94080-4990 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GODDARD, Audrey** [CA/US]; 110 Congo Street, San Francisco, CA 94131 (US). **GURNEY, Austin, L.** [US/US]; 1 Debbie Lane, Belmont, CA 94002 (US). **HILLAN, Kenneth, J.** [GB/US]; 64 Seward Street, San Francisco, CA 94114 (US). **ROY, Margaret, Ann** [US/US]; 2960 Webster Street #4, San Francisco, CA 94123 (US). **WOOD, William, I.** [US/US]; 35 Southdown Court, Hillsborough, CA 94010 (US). **BOTSTEIN, David** [US/US]; 2539 Somerset Street, Belmont, CA 94002 (US).
- (74) **BARNES, Elizabeth, M.** et al. / etc.; Genentech, Inc., 1 DNA Way, South San Francisco, CA 94080-4990 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C08B 11/00, 15/00**
- (11) **WO 00/15667** (13) A1
- (21) PCT/FR99/02148
- (22) **9 Sep/sep 1999 (09.09.1999)**
- (25) fr (26) fr
- (30) 98/11507 **15 Sep/sep 1998 (15.09.1998)** FR
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • CELLULOSE MICROFIBRILS WITH MODIFIED SURFACE, PREPARATION METHOD AND USE THEREOF
- MICROFIBRILLES DE CELLULOSE A SURFACE MODIFIEE, LEUR PROCEDE DE PREPARATION, ET LEUR UTILISATION
- (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) **LADOUCE, Laurence** [FR/FR]; 112, avenue du Général Michel Bizot, F-75012 Paris (FR). **FLEURY, Etienne** [FR/FR]; 26, rue Taillepied, F-69540 Irigny (FR). **GOUSSE, Cécile** [FR/FR]; 8, allée de la Roseaie, F-38240 Meylan (FR). **CANTIANI, Robert** [FR/FR]; 7, rue Molière, F-69006 Lyon (FR). **CHANZY, Henri** [FR/FR]; 37, rue Doyen Gosse, F-38700 La Tronche (FR). **EXCOFFIER, Gérard** [FR/FR]; 142, chemin de la Margotte, F-38140 Vaulnaveys-le-Haut (FR).
- (74) **DUBRUC, Philippe**; Rhodia Services, Direction de la Propriété Industrielle, 25, quai Paul Doumer, F-92408 Courbevoie Cedex (FR).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **C08B 15/00, C08L 1/00**
- (11) **WO 00/15668** (13) A1
- (21) PCT/KR99/00337
- (22) **25 Jun/juin 1999 (25.06.1999)**
- (25) en (26) en
- (30) 1998/37777 **14 Sep/sep 1998 (14.09.1998)** KR
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • PROCESS OF CHANGING THE MICROSCOPIC STRUCTURE OF CELLULOSIC MATERIALS BY MULTIPLE EXPLOSION TREATMENTS WITH SUPERCRITICAL CARBON DIOXIDE
- PROCEDE PERMETTANT DE MODIFIER LA STRUCTURE MICROSCOPIQUE DES MATERIAUX CELLULOSIQUES PAR DES TRAITEMENTS PAR EXPLOSIONS MULTIPLES FAISANT APPEL AU DIOXYDE DE CARBONE SUPERCRITIQUE
- (71) **KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY** [KR/KR]; 100, Jang-dong, Yusung-ku, Taejeon 305-343 (KR).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KIM, Yeong, Cheol** [KR/KR]; 109-702, Narae Apt., Junmin-dong, Yusung-ku, Taejeon 305-390 (KR). **LEE, Soo, Bok** [KR/KR]; 110-105, Hanvit Apt., Eoeun-dong, Yusung-ku, Taejeon 305-333 (KR). **YOOK, Shin, Hong** [KR/KR]; 102-1204, Hanwool Apt., Sinsung-dong, Yusung-ku, Taejeon 305-345 (KR). **LEE, Hyeon, Sup** [KR/KR]; 105-605, Sinbanpo Apt., Ingye-dong, Paldal-ku, Suwon, Gyunggi-do 442-070 (KR).
- (74) **YIE, Don, Sang**; Kangnam Jeil Building, 10th floor, 822-4, Yeoksam-dong, Kangnam-ku, Seoul 135-080 (KR).
- (81) BR CA CN FI US.
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- (51)⁷ **C08B 31/12, D21H 17/29**
- (11) **WO 00/15669** (13) A1
- (21) PCT/FI99/00748

- (22) **14 Sep/sep 1999 (14.09.1999)**
(25) fi (26) en
- (30) 981991 **15 Sep/sep 1998 (15.09.1998)** FI
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • NEW CATIONIC STARCH, ITS PREPARATION AND USE
• AMIDON CATIONIQUE, ELABORATION ET UTILISATION
- (71) **RAISIO CHEMICALS OY** [FI/FI]; Raisio-kaari 60, FIN-21200 Raisio (FI).
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- (72, 75) **GRANÖ, Hanna** [FI/FI]; Koulutuvantie 9-13 K, FIN-00680 Helsinki (FI). **HASE, Anneli** [FI/FI]; Niemenmäentie 8 A 2, FIN-00350 Helsinki (FI). **YLI-KAUHALUOMA, Jari, Tapani** [FI/FI]; Kolmas Linja 25 A 10, FIN-00530 Helsinki (FI). **KÄKI, Jouko** [FI/FI]; Keskitalonkatu 28, FIN-20300 Turku (FI). **NURMI, Kari** [FI/FI]; Valopolku 1, FIN-21200 Raisio (FI).
- (74) **OY JALO ANT-WUORINEN AB**; Iso Roobertinkatu 4-6 A, FIN-00120 Helsinki (FI).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C08B 31/18**
(11) **WO 00/15670** (13) A1
(21) PCT/NL99/00568
(22) **13 Sep/sep 1999 (13.09.1999)**
(25) en (26) en
(30) 98203043.9 **11 Sep/sep 1998 (11.09.1998)** EP
(43) 23 Mar/mar 2000 (23.03.2000)
- (54) • OXIDATION OF STARCH
• OXYDATION D'AMIDON
- (71) **COÖPERATIEVE VERKOOP- EN PRODUCTIEVERENIGING VAN AARDAPPELMEEL EN DERIVATEN AVEBE B.A.** [NL/NL]; Beneden Oosterdiep 27, NL-9641 JA Veendam (NL).
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- (72, 75) **KESSELMANS, Ronald, Peter, Wilhelmus** [NL/NL]; Kromkampen 11, NL-9468 HK Annen (NL). **BLEEKER, Ido, Pieter** [NL/NL]; Poldermolen 22, NL-9791 LS Ten Boer (NL).
- (74) **OTTEVANGERS, S., U.**; Vereenigde Octroibureaux, Nieuwe Parklaan 97, NL-2587 BN The Hague (NL).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C08F 4/602, 10/02, C08L 23/04**
(11) **WO 00/15671** (13) A1
(21) PCT/US99/21395
(22) **16 Sep/sep 1999 (16.09.1999)**
(25) en (26) en
(30) 60/100,488 **16 Sep/sep 1998 (16.09.1998)** US
(43) 23 Mar/mar 2000 (23.03.2000)
- (54) • SLURRY POLYMERIZATION PROCESS AND POLYMER COMPOSITIONS
• PROCEDE DE POLYMERISATION EN SUSPENSION ET COMPOSITIONS POLYMERES
- (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) **CARNAHAN, Edmund, M.** [US/US]; 4619 Twin Elm Drive, Fresno, TX 77545 (US). **JACOBSEN, Grant, B.** [GB/US]; Apartment 4202, 3000 Bissonnet Street, Houston, TX 77005 (US). **VAN DUN, Jozef, J.** [BE/BE]; Pater Damiaanlaan 76, B-2240 Zandhoven (BE). **VANVOORDEN, Johan** [BE/BE]; Kabergheidestraat 35, B-3590 Diepenbeek (BE).
- (74) **WARRICK, Noreen, D.**; The Dow Chemical Company, Patent Department, P.O. Box 1967, Midland, MI 48641-1967 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C08F 4/646, 10/00**
(11) **WO 00/15673** (13) A1
(21) PCT/US99/21078
(22) **13 Sep/sep 1999 (13.09.1999)**
(25) en (26) en
(30) 60/100,204 **14 Sep/sep 1998 (14.09.1998)** US
(43) 23 Mar/mar 2000 (23.03.2000)
- (54) • OFF-LINE PREACTIVATED CATALYSTS AND PREPOLYMERIZED CATALYSTS
• CATALYSEURS PREALABLEMENT ACTIVES HORS CIRCUIT ET CATALYSEURS PREPOLYMERISES
- (71) **UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION** [US/US]; 39 Old Ridgebury Road, Danbury, CT 06817-0001 (US).
- (72) **MORSE, David, Bell**; 1703 Valley Vista Drive, Houston, TX 77077 (US).
- (74) **PACCIONE, Stanley, J.**; Union Carbide Chemicals & Plastics Technology Corporation, 39 Old Ridgebury Road, Danbury, CT 06817-0001 (US).

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

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(51)⁷ C08F 8/44, C08G 81/00

(11) WO 00/15674 (13) A1

(21) PCT/EP99/06605

(22) 8 Sep/sep 1999 (08.09.1999)

(25) de (26) de

(30) 198 41 404.8 10 Sep/sep 1998 DE (10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • SOLIDS BASED ON MESOMORPHIC POLYELECTROLYTE COMPLEXES, METHOD FOR PRODUCING THEM AND USE THEREOF

• SOLIDES A BASE DE COMPLEXES POLYELECTROLYTIQUES MESOMORPHES, PROCEDE PERMETTANT DE LES PREPARER ET LEUR UTILISATION

(71) BASF COATINGS AG [DE/DE]; Glasurits-trasse 1, D-48165 Münster (DE).
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(72, 75) BREMSER, Wolfgang [DE/DE]; Am Brook 10, D-48165 Münster (DE).
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JANDEL, Lothar [DE/DE]; Theodor-Storm-Strasse 31, D-48165 Münster (DE).
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DRESCHER, Dorothee [DE/DE]; Im Wiesengrund 28, D-48356 Nordwalde (DE).

(74) FITZNER, Uwe; Lintorfer Strasse 10, D-40878 Ratingen (DE).

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

Published / Publiée : (c)

(51)⁷ C08F 10/00, 4/64

(11) WO 00/15675 (13) A1

(21) PCT/US99/20621

(22) 9 Sep/sep 1999 (09.09.1999)

(25) en (26) en

(30) 09/154,460 16 Sep/sep 1998 US (16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • MONOCYCLOPENTADIENYL BORO-HYDRIDE CATALYST COMPOSITION FOR THE POLYMERIZATION OF OLEFINS

• COMPOSITION CATALYTIQUE A BASE DE BOROHYDRURE DE MONOCYCLOPENTADIENYLE, DESTINEE A LA POLYMERISATION D'OLEFINES

(71) UNIVATION TECHNOLOGIES LLC [US/US]; Suite 1950, 5555 San Felipe, Houston, TX 77056 (US).

(72) PETERSON, Thomas, H.; 1311 Wychwood Road, Charleston, WV 25314 (US).

(74) SHER, Jaimés et al. / etc.; Univation Technologies, Suite 1950, 5555 San Felipe, Houston, TX 77056 (US).

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

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(51)⁷ C08F 10/00, 4/642

(11) WO 00/15676 (13) A1

(21) PCT/US99/21192

(22) 15 Sep/sep 1999 (15.09.1999)

(25) en (26) en

(30) 09/154,459 16 Sep/sep 1998 US (16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • MONOCYCLOPENTADIENYL METAL CATALYST COMPOSITION FOR THE POLYMERIZATION OF OLEFINS

• COMPOSITION CATALYTIQUE MONOCYCLOPENTADIENYLE/MÉTAL POUR POLYMERISATION D'OLÉFINES

(71) UNIVATION TECHNOLOGIES, LLC [US/US]; Suite 1950, 5555 San Felipe, Houston, TX 77056 (US).

(72) PETERSON, Thomas, H.; 1311 Wychwood Road, Charleston, WV 25314 (US).

(74) SHER, Jaimés et al. / etc.; Univation Technologies, Suite 1950, 5555 San Felipe, Houston, TX 77056 (US).

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

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(51)⁷ C08F 20/12, C09D 133/06

(11) WO 00/15677 (13) A1

(21) PCT/FR99/02142

(22) 9 Sep/sep 1999 (09.09.1999)

(25) fr (26) fr

(30) 98/11467 14 Sep/sep 1998 FR (14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR PREPARING AN AQUEOUS POLYACRYLATE EMULSION FOR PROTECTING METAL SURFACE AGAINST CORROSION AND PRE-LUBRICATION THEREOF AND RESULTING EMULSION

• PROCEDE DE PREPARATION D'UNE EMULSION AQUEUSE A BASE DE

POLYACRYLATES POUR LA PROTECTION CONTRE LA CORROSION ET LA PRELUBRIFICATION DE SURFACE METALLIQUE ET EMULSION OBTENUE

(71) SOLLAC [FR/FR]; Immeuble "La Pacific", La Défense 7, 11/13, cours Valmy, F-92800 Puteaux (FR).

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(72, 75) LEGROS, Philippe [FR/FR]; 20 i chemin de la Manne, F-13800 Istres (FR).
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RIESS, Gérard [FR/FR]; 31, rue du Meunier, F-68200 Mulhouse (FR).

(74) VENTAVOLI, Roger; Usinor, Direction de la Propriété Industrielle, Immeuble "La Pacific", TSA 10001, F-92070 La Défense Cedex (FR).

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

(51)⁷ C08F 112/08, 4/48, B65D 85/72, A47G 29/14

(11) WO 00/15678 (13) A1

(21) PCT/KR99/00536

(22) 11 Sep/sep 1999 (11.09.1999)

(25) en (26) en

(30) 1998/37650 12 Sep/sep 1998 KR (12.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • HIGHLY PURE POLYSTYRENE, METHOD FOR PREPARING THE SAME AND DISPOSABLE FOOD CONTAINER USING THE SAME

• POLYSTYRENE EXTREMEMENT PUR, SON PROCEDE DE PREPARATION, ET RECIPIENT ALIMENTAIRE JETABLE UTILISANT CE POLYSTYRENE

(71) DAELIM INDUSTRIAL CO., LTD. [KR/KR]; 1-170, Sunhwa-dong, Chung-ku, Seoul 100-130 (KR).

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(72, 75) KIM, Kye-Hyun [KR/KR]; Daelim Doorae Apt., 103-1008, Shinseong-dong, 152-1 Yuseong-ku, Daejeon-city 305-345 (KR).
CHO, Jae-Cheol [KR/KR]; Daelim Doorae Apt., 101-804, Shinseong-dong, 152-1 Yuseong-ku, Daejeon-city 305-345 (KR).
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(74) KIM, Won-Ho; 702, Teheran Boulevard, 825-33, Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

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

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(51)⁷ C08F 291/18, B01D 67/00, C08F 259/08, 259/02, 255/02

(11) WO 00/15679 (13) A1

(21) PCT/GB99/02868

(22) 1 Sep/sep 1999 (01.09.1999)

(25) en (26) en

(30) 09/153,458 15 Sep/sep 1998 US (15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • WATER BASED GRAFTING
• GREFFAGE A BASE D'EAU

(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) D'AGOSTINO, Vincent, F. [US/US]; 2 Deanne Court, Dix Hills, NY 11746 (US). NEWTON, John, Michael [GB/GB]; Thornwood, Devizes Road, Box, Nr Corsham, Wiltshire SN13 8EG (GB).

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

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

(51)⁶ C08F 297/04, C08L 53/02, 23/10, 71/12, 25/00

(11) WO 00/15680 (13) A1

(21) PCT/JP99/04987

(22) 13 Sep/sep 1999 (13.09.1999)

(25) ja (26) ja

(30) 10/259666 14 Sep/sep 1998 JP (14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • HYDROGENATED BLOCK COPOLYMER
• COPOLYMERE BLOC HYDROGENE

(71) ASAHI KASEI KOGYO KABUSHIKI KAISHA [JP/JP]; 2-6, Dojimahama 1-chome, Kita-ku, Osaka-shi, Osaka 530-8205 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) YONEZAWA, Jun [JP/JP]; 3-103, 1-3, Ookubo 3-chome, Kounan-ku, Yokohama-shi, Kanagawa 233-0007 (JP). SASAYA, Eiji [JP/JP]; 7-2-703, Namiki 2-chome, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0005 (JP).

(74) HAGINO, Taira et al. / etc.; Eikoh Patent Office, ARK Mori Building, 28th floor, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6028 (JP).

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

(51)⁶ C08F 297/04, C08L 53/02, 23/10

(11) WO 00/15681 (13) A1

(21) PCT/JP99/04988

(22) 13 Sep/sep 1999 (13.09.1999)

(25) ja (26) ja

(30) 10/259667 14 Sep/sep 1998 JP (14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • HYDROGENATED BLOCK COPOLYMER
• COPOLYMERES BLOCS HYDROGENES

(71) ASAHI KASEI KOGYO KABUSHIKI KAISHA [JP/JP]; 2-6, Dojimahama 1-chome, Kita-ku, Osaka-shi, Osaka 530-8205 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) YONEZAWA, Jun [JP/JP]; 3-103, 1-3, Ookubo 3-chome, Kounan-ku, Yokohama-shi, Kanagawa 233-0007 (JP). SEKI-KAWA, Shinichi [JP/JP]; 1-1-102, Ookubo 3-chome, Kounan-ku, Yokohama-shi, Kanagawa 233-0007 (JP). NAKAFUTAMI, Hiromi [JP/JP]; 4-31, Sugeinadazutsumi 3-chome, Tama-ku, Kawasaki-shi, Kanagawa 214-0003 (JP). SATO, Takashi [JP/JP]; 23-2-205, Higashiserigaya, Kounan-ku, Yokohama-shi, Kanagawa 233-0005 (JP).

(74) HAGINO, Taira et al. / etc.; Eikoh Patent Office, ARK Mori Building, 28th floor, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6028 (JP).

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

(51)⁶ C08F 297/08, 2/00

(11) WO 00/15682 (13) A1

(21) PCT/JP99/05015

(22) 14 Sep/sep 1999 (14.09.1999)

(25) ja (26) ja

(30) 10/261277 16 Sep/sep 1998 JP (16.09.1998)

(30) 10/261278 16 Sep/sep 1998 JP (16.09.1998)

(30) 10/261279 16 Sep/sep 1998 JP (16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR CONTINUOUS PRODUCTION OF PROPYLENE-BASED BLOCK COPOLYMER
• PROCEDE DE PRODUCTION EN CONTINU D'UN COPOLYMERE SEQUENCE A BASE DE PROPYLENE

(71) JAPAN POLYCHEM CORPORATION [JP/JP]; 10-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo 100-0006 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) WATANABE, Fuminao [JP/JP]; Mitsubishi Chemical Corporation, Mizushima Plant, 3-10, Ushiodori, Kurashiki-shi, Okayama 712-8054 (JP). TANAKA, Eiji [JP/JP]; Mitsubishi Chemical Corporation, Mizushima Plant, 3-10, Ushiodori, Kurashiki-shi, Okayama 712-8054 (JP). HOSOI, Jun [JP/JP]; Mitsubishi Chemical Corporation, Mizushima Plant, 3-10, Ushiodori, Kurashiki-shi, Okayama 712-8054 (JP).

(74) MIYAKOSHI, Noriaki; SHIN-EI Patent Office, ARK Mori Building, 29th floor, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6029 (JP).

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

(51)⁶ C08G 8/38, C08L 61/06, C08F 4/40, C08G 81/02, C08L 57/10, C08F 4/10, 8/00

(11) WO 00/15683 (13) A1

(21) PCT/JP99/05004

(22) 14 Sep/sep 1999 (14.09.1999)

(25) ja (26) ja

(30) 10/260195 14 Sep/sep 1998 JP (14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • CURABLE COMPOSITIONS
• COMPOSITIONS DURCISSABLES

(71) KANEKA CORPORATION [JP/JP]; 2-4, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 530-8288 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) KITANO, Kenichi [JP/JP]; Kobe Research Laboratories Research, Institute of Kaneka Corporation, 2-80, Yoshidacho 1-chome, Hyogo-ku, Kobe-shi, Hyogo 652-0872 (JP). NAKAGAWA, Yoshiaki

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(74) **YASUTOMI, Yasuo** et al. / etc.; Recruit Shin Osaka Building, 14-22, Nishinakajima 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).

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

(51)⁶ **C08G 18/00, C08H 5/00, C08J 9/34, C08L 75/00**

(11) **WO 00/15684** (13) A1

(21) PCT/US99/21511

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) en (26) en

(30) 09/154,340 **17 Sep/sep 1998** US
(17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **IMPROVED CELLULAR PLASTIC MATERIAL**

• **MATIERE PLASTIQUE ALVEOLAIRE AMELIOREE**

(63) US 09/154,340 (CIP)
17 Sep/sep 1998 (17.09.1998)

(71) **URETHANE SOY SYSTEMS COMPANY, INC.** [US/US]; 301 W. South Street, Dover, IL 61323 (US).

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(72, 75) **KURTH, Thomas, M.** [US/US]; 16910 - 2200 North, Princeton, IL 61356 (US).

(74) **VAN THOMME, Todd, A.**; Price, He-nelved, Cooper, DeWitt & Litton, 695 Kenmoor, S.E., P.O. Box 2567, Grand Rapids, MI 49501 (US).

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

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(51)⁷ **C08G 18/42, 18/76**

(11) **WO 00/15685** (13) A1

(21) PCT/IT99/00156

(22) **2 Jun/juin 1999 (02.06.1999)**

(25) it (26) en

(30) PD98A000215 **14 Sep/sep 1998** IT
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **RIGID POLYURETHANE FOAM AND HEAT INSULATING CONSTRUCTION ELEMENT COMPRISING THE SAME**

• **MOUSSE DE POLYURETHANE RIGIDE ET ELEMENT DE CONSTRUCTION D'ISOLATION THERMIQUE COMPRENANT CETTE MOUSSE**

(71) **SIXTON HOLDING S.A.** [LU/LU]; 19-21, Db du Prince Henri, L-1724 Luxembourg (LU).

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(72, 75) **TOMASI, Giampaolo** [IT/IT]; Via Nizza, 76, I-35016 Piazzola Sul Brenta (IT).

(74) **BOTTERO, Claudio**; Porta, Ceccacci & Associati S.p.A., Viale Sabotino, 19/2, I-20135 Milano (IT).

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

(51)⁷ **C08G 18/50, C08L 71/00, C08F 290/06, C08G 65/00, G02B 1/04**

(11) **WO 00/15686** (13) A1

(21) PCT/EP99/06767

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) 98117421.2 **15 Sep/sep 1998** EP
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **POLYMERS**

• **POLYMERES**

(71) **NOVARTIS AG** [CH/CH]; Schwarzwaldallee 215, CH-4058 Basel (CH).

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MEIJS, Gordon, Francis [AU/AU]; 3 Henty Street, Murrumbena, VIC 3163 (AU).

(74) **BECKER, Konrad**; Novartis AG, Corporate Intellectual Property, Patent & Trademark Dept., CH-4002 Basel (CH).

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

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(51)⁷ **C08G 59/62, 59/68, 18/32, 18/18**

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(21) PCT/EP99/06520

(22) **4 Sep/sep 1999 (04.09.1999)**

(25) de (26) de

(30) 1866/98 **14 Sep/sep 1998** CH
(14.09.1998)

(30) 2136/98 **22 Oct/oct 1998** CH
(22.10.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **ACCELERATORS FOR HARDENABLE SYSTEMS**

• **SYSTEMES DESTINES A DES SYSTEMES DURCISSABLES**

(71) **CIBA SPECIALTY CHEMICALS HOLDING INC.** [CH/CH]; Klybeckstrasse 141, CH-4057 Basel (CH).

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

(72, 75) **WIESENDANGER, Rolf** [CH/CH]; Rheintalweg 69, CH-4125 Riehen (CH).

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(74) **CIBA SPECIALTY CHEMICALS HOLDING INC.**; Patentabteilung, Klybeckstrasse 141, CH-4057 Basel (CH).

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

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(21) PCT/EP99/06318

(22) **27 Aug/août 1999 (27.08.1999)**

(25) de (26) de

(30) 198 41 405.6 **10 Sep/sep 1998** DE
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **METHOD FOR PRODUCING A THIOXTROPIC BINDING AGENT FOR HOUSE PAINTS**

• **PROCEDE DE PRODUCTION D'UN LIANT THIXOTROPE POUR DES PEINTURES BATIMENT**

(71) **BASF COATINGS AG** [DE/DE]; Glasuritstr. 1, D-48165 Münster (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WILKE, Guido** [DE/DE]; Straßburger Weg 69, D-48151 Münster (DE). **KADAMBANDE, Vijay** [DE/DE]; Hoffmann-von-Fallersleben-Weg 1, D-48165 Münster (DE). **KRANIG, Wolfgang** [DE/DE]; Erlengrund 276, D-48308 Senden (DE). **RINK, Heinz-Peter** [DE/DE]; Lohöfenweg 44, D-48153 Münster (DE).

(74) **FITZNER, Uwe**; Lintorfer Str. 10, D-40878 Ratingen (DE).

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

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(51)⁷ **C08G 65/26, 65/28, 18/48**

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(21) PCT/EP99/06658

(22) **8 Sep/sep 1999 (08.09.1999)**

(25) en (26) en

(30) 98203026.4 **10 Sep/sep 1998** EP
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • CO-INITIATED POLYETHER POLYOL AND PROCESS FOR ITS PREPARATION

• POLYOL DE POLYETHER CO-INITIE ET SON PROCEDE DE PREPARATION

(71) **SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.** [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).
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(72, 75) **BRONNUM, Thomas** [DK/BE]; Avenue Jean Monnet 1, B-1348 Ottignies, Louvain-La-Neuve (BE). **HASSELAAR, Melis** [NL/NL]; Vondelingenweg 601, NL-3196 KK Vondelingenplaat, Rotterdam (NL). **SANGHA, Parminder, Singh** [GB/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL). **VAN TIGGELEN, Françoise** [BE/BE]; Avenue Jean Monnet 1, B-1348 Ottignies, Louvain-La-Neuve (BE).

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

Published / Publiée : (c)

(51)⁷ **C08G 65/26, 14/12, 18/50, 18/54**

(11) **WO 00/15690** (13) A1

(21) PCT/US99/20359

(22) **3 Sep/sep 1999 (03.09.1999)**

(25) en (26) en

(30) 60/099,714 **10 Sep/sep 1998** US
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • POLYOLS USEFUL FOR PREPARING WATER BLOWN RIGID POLYURETHANE FOAM

• POLYOLS CONVENANT A L'ELABORATION DE MOUSSE RIGIDE DE POLYURETANE SOUFFLEE A L'EAU

(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) **MOLINA, Nelson, F.** [US/US]; 3922 Vinecrest Drive, Pearland, TX 77584 (US). **MOORE, Stanley, E.** [US/US]; 204 Flag Drive West, Lake Jackson, TX 77566 (US).

(74) **TYLER, Gene, L.**; Patent Department, B-1211, 2301 Brazosport Boulevard, Freeport, TX 77541 (US).

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

(51)⁷ **C08G 65/48, C08J 5/22, H01M 6/18, 10/40, 8/10, 2/16**

(11) **WO 00/15691** (13) A1

(21) PCT/GB99/02833

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 9819706.4 **11 Sep/sep 1998** GB
(11.09.1998)

(30) 9820940.6 **28 Sep/sep 1998** GB
(28.09.1998)

(30) 9913572.5 **11 Jun/juin 1999** GB
(11.06.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ION-EXCHANGE POLYMERS

• POLYMERES ECHANGEURS D'IONS

(71) **VICTREX MANUFACTURING LIMITED** [GB/GB]; Victrex Technology Centre, Hillhouse International, P.O. Box 4, Thornton Cleveleys, Lancashire FY5 4QD (GB).

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(72, 75) **CHARNOCK, Peter** [GB/GB]; 7 Elvaston Road, Carleton, Poulton-Le-Fylde, Lancashire FY6 7TH (GB). **KEMMISH, David, John** [GB/GB]; 10 Whittle Green, Woodplumpton, Preston, Lancashire PR4 0WG (GB). **STANILAND, Philip, Anthony** [GB/GB]; 3 Foster Street, Broughton, Saltburn by the Sea, Cleveland TS12 2TR (GB). **WILSON, Brian** [GB/GB]; 1 White Lea, Cabus, Garstang, Lancashire PR3 1JG (GB).

(74) **BRIERLEY, Anthony, Paul** et al. / etc.; Appleyard Lees, 15 Clare Road, Halifax HX1 2HY (GB).

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

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(51)⁷ **C08J 3/21, C08B 3/00, C08L 1/10**

(11) **WO 00/15692** (13) A1

(21) PCT/US99/20655

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) en (26) en

(30) 09/153,742 **15 Sep/sep 1998** US
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • CELLULOSE ESTERS HAVING NEAR INFRARED FLUOROPHORES AND METHOD OF MAKING SAME

• ESTERS CELLULOSIQUES COMPORTANT DES FLUOROPHORES DANS L'INFRAROUGE PROCHE ET PROCEDE DE FABRICATION DE CEUX-CI

(71) **ISOTAG TECHNOLOGIES, INC.** [US/US]; 3220 FM 1960 West, Suite A8, Houston, TX 77068 (US).

(72) **KRUTAK, James, John, Sr.**; 6305 Booth Court, Kingsport, TN 37663 (US). **McCRAY, Thomas, Vernon**; 1121 Brockway Drive, Kingsport, TN 37663 (US). **BOYD, Edwin, Taylor**; 1201 Jerry Lane, Kingsport, TN 37664 (US). **BARLOW, Fred, Dewey, Jr.**; 5328 Foxfire Place, Kingsport, TN 37664 (US). **MITCHELL, Melvin, Glenn**; 513 Hidden Valley Road, Kingsport, TN 37663 (US). **PARTIN, Lee, Reynolds**; 101 Partridge Place, Kingsport, TN 37663 (US).

(74) **CASPERSON, John, R.**; 133 North Friendswood Drive, Suite 134, Friendswood, TX 77540 (US).

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

(51)⁷ **C08J 3/22, C08L 67/02**

(11) **WO 00/15693** (13) A1

(21) PCT/EP99/06575

(22) **7 Sep/sep 1999 (07.09.1999)**

(25) de (26) de

(30) 198 42 152.4 **15 Sep/sep 1998** DE
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR PRODUCING HIGHLY VISCOUS POLYESTERS

• PROCEDE DE PRODUCTION DE POLYESTERS A HAUTE VISCOSITE

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE).
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(72, 75) **IDEL, Karsten-Josef** [DE/DE]; Am Schwarzkamp 38, D-47802 Krefeld (DE).
DIETRICH, Hans-Jürgen [DE/DE]; Breslauer Strasse 31, D-47829 Krefeld (DE).
MÜLLER, Matthias [DE/DE]; Henschelstrasse 3, D-47229 Duisburg (DE).

(74) **BAYER AKTIENGESELLSCHAFT**; D-51368 Leverkusen (DE).

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

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(51)⁷ **C08J 3/24, C08K 9/12**

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(21) PCT/GB99/02830

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 9819815.3 **12 Sep/sep 1998 (12.09.1998)** GB

(30) 9909763.6 **29 Apr/avr 1999 (29.04.1999)** GB

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **CURING OF RESINS**
• **POLYMERISATION DE RESINES**

(71) **CHEMCOLLOIDS LIMITED** [GB/GB]; Tunstall Road, Bosley, Near Macclesfield SK11 0PE (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BATES, Darren, Miles** [GB/AU]; 30 Peninsula Place, Noosa Waters, Noosaville, QLD 4566 (AU).

(74) **DOWNEY, William, Gerrard** et al. / etc.; Wilson Gunn M'Caw, 41-51 Royal Exchange, Cross Street, Manchester M2 7BD (GB).

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

(51)⁷ **C08J 5/12, 7/14**

(11) **WO 00/15695** (13) A1

(21) PCT/US99/21022

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 09/152,909 **14 Sep/sep 1998 (14.09.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **PRIMER COMPOSITION AND METHOD OF USE THEREOF**
• **COMPOSITION DE PRIMAIRE ET PROCEDE D'UTILISATION CORRESPONDANT**

(71) **H.B. FULLER LICENSING & FINANCING, INC.** [US/US]; 1200 Willow Lake Boulevard, P.O. Box 64683, St. Paul, MN 55164-0683 (US).

(72) **GOTTSCHALK, Peter**; 1200 Willow Lake Boulevard, P.O. Box 64683, St. Paul, MN 55164-0683 (US).

(74) **QUAN, Nancy, N.** et al. / etc.; 1200 Willow Lake Boulevard, P.O. Box 64683, St. Paul, MN 55164-0683 (US).

(81) BR CN.

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(51)⁶ **C08J 9/00, C08L 23/06, B65D 39/00, C08J 9/02, C08L 23/08**

(11) **WO 00/15696** (13) A1

(21) PCT/AU99/00767

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) PP 5919 **15 Sep/sep 1998 (15.09.1998)** AU

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **POLYMERIC CLOSURE COMPRISING FOAMED POLYETHYLENE OR ETHYLENE COPOLYMER AND A RESILIENT COMPOUND**
• **FERMETURE POLYMERE COMPRENANT UN POLYETHYLENE OU UN COPOLYMER D'ETHYLENE ET UN COMPOSE RESILIENT**

(71) **ANTHONY SMITH AUSTRALASIA PTY. LTD.** [AU/AU]; 47 Narweena Road, Regency Park, S.A. 5010 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SYMONS, John, Martin** [AU/AU]; 7 Stanley Street, Woodville, S.A. 5011 (AU).
McMAHON, William, James [AU/AU]; Unit 1, 6-8 Bertram Street, Elsternwick, VIC 3185 (AU).

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

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

(51)⁷ **C08J 9/00, 9/38, B29C 44/56**

(11) **WO 00/15697** (13) A1

(21) PCT/US99/11754

(22) **27 May/mai 1999 (27.05.1999)**

(25) en (26) en

(30) 60/100,699 **17 Sep/sep 1998 (17.09.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **PERFORATED FOAMS**
• **MOUSSES PERFOREES**

(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) **PARK, Chung, P.** [US/DE]; Schulstrasse 10a, D-76532 Baden-Baden (DE).

(74) **SIMS, Norman, L.**; The Dow Chemical Company, Patent Department, P.O. Box 1967, Midland, MI 48641-1967 (US).

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

(51)⁷ **C08J 9/00, 9/12 // C08L 25/02**

(11) **WO 00/15698** (13) A1

(21) PCT/US99/18406

(22) **12 Aug/août 1999 (12.08.1999)**

(25) en (26) en

(30) 09/154,367 **16 Sep/sep 1998 (16.09.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **PROCESS FOR PRODUCING EXTRUDED STYRENIC FOAM**
• **PROCEDE DE PRODUCTION DE MOUSSE DE STYRENE EXTRUDEE**

(71) **OWENS CORNING** [US/US]; One Owens Corning Parkway, Toledo, OH 43659 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MILLER, Larry** [US/US]; 2070 Swartz Road, Suffield, OH 44260 (US). **BREINDEL, Raymond** [US/US]; 3878 Edison Street Northeast, Hartville, OH 44632 (US). **WEEKLEY, Mitchell** [US/US]; 1883 Congo Street, Akron, OH 44305 (US).

(74) **CHI, Anthony** et al. / etc.; Owens Corning Science & Technology Center, Building 54, 2790 Columbus Road, Granville, OH 43023-1200 (US).

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

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(51)⁷ **C08J 9/00, 9/12 // C08L 25:02**

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(21) PCT/US99/18413

(22) **12 Aug/août 1999 (12.08.1999)**

(25) en (26) en

(30) 09/154,067 **16 Sep/sep 1998** US
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • PROCESS FOR PRODUCING STYRENIC FOAM
• PROCEDE DE PRODUCTION DE MOUSSE DE STYRENE

(71) **OWENS CORNING** [US/US]; One Owens Corning Parkway, Toledo, OH 43659 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MILLER, Larry** [US/US]; 2070 Swartz Road, Suffield, OH 44260 (US). **BREINDEL, Raymond** [US/US]; 3878 Edison Street Northeast, Hartville, OH 44632 (US). **WEEKLEY, Mitchell** [US/US]; 1883 Congo Street, Akron, OH 44305 (US).

(74) **BARNS, Stephen** et al. / etc.; Owens Corning Science & Technology Center, 2790 Columbus Road, Building 54, Granville, OH 43023-1200 (US).

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

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(51)⁷ **C08J 9/00, 9/38, B29C 44/56**

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(22) **16 Sep/sep 1999 (16.09.1999)**

(25) en (26) en

(30) 60/100,699 **17 Sep/sep 1998** US
(17.09.1998)

(30) 60/136,252 **27 May/mai 1999** US
(27.05.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ACOUSTICAL OPEN-CELL POLY-OLEFINS AND PROCESS FOR MAKING
• POLYOLEFINES A ALVEOLES OUVERTES ACOUSTIQUES ET PROCEDE DE FABRICATION

(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) **PARK, Chung, P.** [US/DE]; Schulstrasse 10a, D-76532 Baden-Baden (DE).

(74) **ROBERTS, John, H.**; The Dow Chemical Company, Patent Dept., P.O. Box 1967, Midland, MI 48641-1967 (US).

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

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(51)⁷ **C08J 9/12, C08F 212/08, 212/12 // C08L 25/02**

(11) **WO 00/15701** (13) A1

(21) PCT/US99/18386

(22) **12 Aug/août 1999 (12.08.1999)**

(25) en (26) en

(30) 09/154,288 **16 Sep/sep 1998** US
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • PROCESS FOR PRODUCING EXTRUDED FOAM WITH CO₂ AS A BLOWING AGENT
• PROCEDE DE PRODUCTION DE MOUSSE EXTRUDEE AVEC DU CO₂ COMME AGENT POROGENE

(71) **OWENS CORNING** [US/US]; One Owens Corning Parkway, Toledo, OH 43659 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MILLER, Larry** [US/US]; 2070 Swartz Road, Suffield, OH 44260 (US). **BREINDEL, Raymond** [US/US]; 3878 Edison

Street Northeast, Hartville, OH 44632 (US). **WEEKLEY, Mitchell** [US/US]; 1883 Congo Street, Akron, OH 44305 (US).

(74) **CHI, Anthony** et al. / etc.; Owens Corning, Science & Technology Center, 2790 Columbus Road, Building 54-1, Granville, OH 43023-1200 (US).

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

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(51)⁷ **C08J 9/18, 9/22 // C08L 25/04**

(11) **WO 00/15702** (13) A1

(21) PCT/EP99/06997

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 98203098.3 **16 Sep/sep 1998** EP
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • PROCESS FOR THE PREPARATION OF EXPANDABLE POLYVINYLARENE PARTICLES
• PROCEDE DE PREPARATION DE PARTICULES DE POLYVINYLARENE EXPANSIBLES

(71) **NOVA CHEMICALS (INTERNATIONAL) S.A.** [CH/CH]; Chemins des Mazots 2, CH-1700 Fribourg (CH).

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

(72, 75) **BERGHMANS, Michel, Florentine, Jozef** [BE/NL]; Lijndonk 25, NL-4825 BG Breda (NL). **BLEIJENBERG, Karel, Cornelis** [NL/NL]; Lijndonk 25, NL-4825 BG Breda (NL). **METSARS, Alphonsus, Catharina, Gerardus** [NL/NL]; Lijndonk 25, NL-4825 BG Breda (NL).

(74) **HARRISON, David, C.**; Mewburn Ellis, York House, 23 Kingsway, London WC2B 6HP (GB).

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

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(21) PCT/EP99/06995

(22) 14 Sep/sep 1999 (14.09.1999)

(25) en (26) en

(30) 98203099.1 16 Sep/sep 1998 EP
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • POROUS POLYMER PARTICLES

• PARTICULES DE POLYMERE PO-
REUSES(71) NOVA CHEMICALS (INTERNATIO-
NAL) S.A. [CH/CH]; Chemins des Mazots
2, CH-1700 Fribourg (CH).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) BERGHMANS, Michel, Florentine,
Jozef [BE/NL]; Lijndonk 25, NL-4825
BG Breda (NL). BLEIJENBERG, Karel,
Cornelis [NL/NL]; Lijndonk 25, NL-4825
BG Breda (NL). DU MONG, Kurt, Ernest,
Irma [BE/BE]; Avenue Jean Monnet 1,
B-1348 Ottignies, Louvain-La-Neuve (BE).
VERBIST, Guy, Lode, Magda, Maria
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Amsterdam (NL).(74) HARRISON, David, C.; Mewburn Ellis,
York House, 23 Kingsway, London WC2B
6HP (GB).(81) AE AL AM AT AU AZ BA BB BG BR BY
CA CH CN CR CU CZ DE DK DM EE ES
FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT
LV MD MG MK MN MW MX NO NZ
PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT UA UG US UZ VN YU ZA ZW;
AP (GH GM KE LS MW SD SL SZ TZ UG
ZW); EA (AM AZ BY KG KZ MD RU TJ
TM); EP (AT BE CH CY DE DK ES FI FR
GB GR IE IT LU MC NL PT SE); OA (BF
BJ CF CG CI CM GA GN GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ C08J 9/22, 9/228 // C08L 25/04

(11) WO 00/15704 (13) A1

(21) PCT/EP99/06996

(22) 14 Sep/sep 1999 (14.09.1999)

(25) en (26) en

(30) 98203097.5 16 Sep/sep 1998 EP
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • PROCESS FOR THE PREPARATION
OF EXPANDED POLYVINYLARENE
PARTICLES• PROCEDE DE PREPARATION DE PAR-
TICULES DE POLYVINYLARENE EX-
PANSEES(71) NOVA CHEMICALS (INTERNATIO-
NAL) S.A. [CH/CH]; Chemins des Mazots
2, CH-1700 Fribourg (CH).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) BERGHMANS, Michel, Florentine,
Jozef [BE/NL]; Lijndonk 25, NL-4825
BG Breda (NL). BLEIJENBERG, Karel,
Cornelis [NL/NL]; Lijndonk 25, NL-4825
BG Breda (NL). METSAARS, Alphonsus,
Catharina, Gerardus [NL/NL]; Lijndonk
25, NL-4825 BG Breda (NL).(74) HARRISON, David, C.; Mewburn Ellis,
York House, 23 Kingsway, London WC2B
6HP (GB).(81) AE AL AM AT AU AZ BA BB BG BR BY
CA CH CN CR CU CZ DE DK DM EE ES
FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT
LV MD MG MK MN MW MX NO NZ
PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT UA UG US UZ VN YU ZA ZW;
AP (GH GM KE LS MW SD SL SZ TZ UG
ZW); EA (AM AZ BY KG KZ MD RU TJ
TM); EP (AT BE CH CY DE DK ES FI FR
GB GR IE IT LU MC NL PT SE); OA (BF
BJ CF CG CI CM GA GN GW ML MR NE
SN TD TG).

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(51)⁷ C08J 11/00 // C09D 5/03

(11) WO 00/15705 (13) A1

(21) PCT/GB99/03072

(22) 15 Sep/sep 1999 (15.09.1999)

(25) en (26) en

(30) 9820089.2 16 Sep/sep 1998 GB
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • A PROCESS FOR RECYCLING POW-
DER COATING FINES• PROCEDE DE RECYCLAGE DE FINES
DE REVETEMENT PULVERULENT(71) PROTOL POWDER COATINGS LIMI-
TED [GB/GB]; Triumph Trading Park, Vi-
tesse Avenue, Speke Hall Road, Liverpool
L24 9GQ (GB).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) KILNER, Ian [GB/GB]; Triumph Tra-
ding Park, Vitesse Avenue, Speke Hall Road,
Liverpool L24 9GQ (GB).(74) THOMSON, Paul; Potts, Kerr & Co., 15
Hamilton Square, Birkenhead, Merseyside
CH41 6BR (GB).(81) AL AM AT AU AZ BA BB BG BR BY CA
CH CN CR CU CZ DE DK DM EE ES FI
GB GD GE GH GM HR HU ID IL IN IS JP
KE KG KP KR KZ LC LK LR LS LT LU
LV MD MG MK MN MW MX NO NZ PL
PT RO RU SD SE SG SI SK SL TJ TM TR
TT UA UG US UZ VN YU ZW; AP (GH
GM KE LS MW SD SL SZ TZ UG ZW);
EA (AM AZ BY KG KZ MD RU TJ TM);
EP (AT BE CH CY DE DK ES FI FR GB
GR IE IT LU MC NL PT SE); OA (BF BJ
CF CG CI CM GA GN GW ML MR NE SN
TD TG).(51)⁷ C08K 5/053, C08L 73/00

(11) WO 00/15706 (13) A1

(21) PCT/EP99/06724

(22) 10 Sep/sep 1999 (10.09.1999)

(25) en (26) en

(30) 09/153,112 15 Sep/sep 1998 US
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • HIGH MODULUS POLYKETONES

• POLYCETONES A MODULUS ELEVE

(71) SHELL INTERNATIONALE RE-
SEARCH MAATSCHAPPIJ B.V.
[NL/NL]; Carel van Bylandtlaan 30,
NL-2596 HR The Hague (NL).(72) MACHADO, Joseph, Michael; 1322 Marl-
stone Drive, Houston, TX 77094 (US).(81) AE AL AM AT AU AZ BA BB BG BR BY
CA CH CN CR CU CZ DE DK DM EE ES
FI GB GD GE GH GM HR HU ID IL IN IS
JP KE KG KP KR KZ LC LK LR LS LT LU
LV MD MG MK MN MW MX NO NZ PL
PT RO RU SD SE SG SI SK SL TJ TM TR
TT UA UG UZ VN YU ZA ZW; AP (GH
GM KE LS MW SD SL SZ UG ZW); EA
(AM AZ BY KG KZ MD RU TJ TM); EP
(AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE); OA (BF BJ CF
CG CI CM GA GN GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ C08K 5/103, 5/00

(11) WO 00/15707 (13) A1

(21) PCT/GB99/01755

(22) 3 Jun/juin 1999 (03.06.1999)

(25) en (26) en

(30) 9820083.5 16 Sep/sep 1998 GB
(16.09.1998)(30) 60/101,389 21 Sep/sep 1998 US
(21.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ANTISTATIC POLYMERIC COMPOSI-
TIONS• COMPOSITIONS POLYMERES ANTI-
STATIQUES(71) IMPERIAL CHEMICAL INDUSTRIES
PLC [GB/GB]; Imperial Chemical House,
Millbank, London SW1P 3JF (GB).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) WYLIN, Franky [BE/BE]; Baekveld-
straat 15, B-3380 Bunsbeek (BE).(74) HUMPHRIES, Martyn et al. / etc.; ICI
Group Intellectual Property, P.O. Box 90,
Wilton, Middlesbrough, Cleveland TS90 8JE
(GB).(81) AU BR CA CN IN JP KR MX NZ SG US
ZA; EA (AM AZ BY KG KZ MD RU TJ
TM); EP (AT BE CH CY DE DK ES FI FR
GB GR IE IT LU MC NL PT SE).(51)⁷ C08K 5/3445, C08L 101/00

(11) WO 00/15708 (13) A1

(21) PCT/EP99/06395

- (22) **1 Sep/sep 1999 (01.09.1999)**
(25) de (26) de
- (30) 98810909.6 **11 Sep/sep 1998 EP (11.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • POLYMER COMPOUND WITH IMPROVED GLOSS PROPERTIES
• COMPOSITION DE POLYMERES AUX PROPRIETES DE BRILLANCE AME-LIOREES
- (71) **CIBA SPECIALTY CHEMICALS HOLDING INC.** [CH/CH]; Klybeckstrasse 141, CH-4057 Basel (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PFAENDNER, Rudolf** [DE/DE]; Sackgasse 3, D-64668 Rimbach (DE). **MAL-ZACHER, Kornelia** [DE/DE]; Kirschenweg 24, D-64678 Lindenfels (DE).
- (74) **CIBA SPECIALTY CHEMICALS HOLDING INC.**; Patentabteilung, Klybeckstrasse 141, CH-4057 Basel (CH).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
-
- (51)⁷ **C08K 9/00, C08L 27/06, 27/24**
(11) **WO 00/15709** (13) A1
(21) PCT/US99/14697
(22) **30 Jun/juin 1999 (30.06.1999)**
(25) en (26) en
(30) 09/151,407 **10 Sep/sep 1998 US (10.09.1998)**
(43) 23 Mar/mar 2000 (23.03.2000)
- (54) • HALOGEN CONTAINING POLYMER COMPOUNDS CONTAINING MODIFIED ZEOLITE STABILIZERS
• COMPOSES POLYMERES CONTENANT DE L'HALOGENE, STABILISES PAR DES ZEOLITES MODIFIEES
- (71) **THE B.F.GOODRICH COMPANY** [US/US]; 4020 Kinross Lakes Parkway, Richfield, OH 44286-9368 (US).
- (72) **LEPILLEUR, Carole, A.**; 560 Lake of the Woods, Akron, OH 44333 (US). **MAZANY, Anthony, M.**; 477 Malvern Road, Akron, OH 44303-1737 (US). **MILENIUS, David, L.**; 85 Buckingham Road, Rocky River, OH 44116 (US). **BACKMAN, Arthur, L.**; 8361 Whitewood Road, Brecksville, OH 44141 (US).
- (74) **CALLOWAY, Valerie, L.** et al. / etc.; The B.F.Goodrich Company, 9921 Brecksville Road, Brecksville, OH 44141-3289 (US).
- (81) AU CA CN JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (51)⁷ **C08K 9/04, 9/06**
(11) **WO 00/15710** (13) A1
(21) PCT/EP99/06809
(22) **14 Sep/sep 1999 (14.09.1999)**
(25) de (26) de
(30) 98117342.0 **14 Sep/sep 1998 EP (14.09.1998)**
(43) 23 Mar/mar 2000 (23.03.2000)
- (54) • SURFACE-MODIFIED FILLING MATERIAL COMPOSITION
• COMPOSITION DE CHARGE MODIFIEE EN SURFACE
- (71) **ALUSUISSE MARTINSWERK GMBH** [DE/DE]; Kölner Strasse 110, D-50127 Bergheim (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **EICHLER, Hans-Jürgen** [DE/DE]; Im Broich 17, D-50189 Elsdorf (DE). **PALMER, Michael** [DE/DE]; Leipziger Strasse 2, D-50126 Bergheim (DE). **HERBIET, René** [BE/BE]; Stendrich 150, B-4700 Eupen (BE).
- (74) **RITTHALER, Wolfgang** et al. / etc.; Winter, Brandl & Partner, Alois-Steinecker-Strasse 22, D-85354 Freising (DE).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **C08K 9/08, C08J 5/06**
(11) **WO 00/15711** (13) A1
(21) PCT/US99/18911
(22) **18 Aug/août 1999 (18.08.1999)**
(25) en (26) en
(30) 60/099,743 **10 Sep/sep 1998 US (10.09.1998)**
(43) 23 Mar/mar 2000 (23.03.2000)
- (54) • FILLER-REINFORCED ENGINEERING THERMOPLASTIC POLYURETHANE DISPERSION IN A THERMOPLASTIC RESIN
• DISPERSION DANS UNE RESINE THERMOPLASTIQUE D'UN POLYURETHANE THERMOPLASTIQUE RENFORCEE PAR UNE MATIERE DE CHARGE ET AGISSANT COMME AGENT MODIFIANT
- (71) **THE DOW CHEMICAL COMPANY** [US/US]; 2030 Dow Center, Midland, MI 48674 (US).
- (72) **EDWARDS, Christopher, M.**; Apartment N-10, 2502 Abbott Road, Midland, MI 48642 (US). **MOSES, Paul, J.**; 125 Dewberry Drive, Lake Jackson, TX 77566 (US). **CLEMENT, Roger**; 604 George Street, Midland, MI 48640 (US).
- (74) **WILLIS, Reid, S.**; The Dow Chemical Company, Patent Dept., P.O. Box 1967, Midland, MI 48641-1967 (US).
- (81) BR CA JP KR MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (51)⁶ **C08L 23/08, 23/20**
(11) **WO 00/15712** (13) A1
(21) PCT/US98/19186
(22) **11 Sep/sep 1998 (11.09.1998)**
(25) en (26) en
(43) 23 Mar/mar 2000 (23.03.2000)
- (54) • POLYETHYLENE FILM COMPOSITION
• COMPOSITION POUR FILM DE POLYETHYLENE
- (71) **UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION** [US/US]; 39 Old Ridgebury Road, Danbury, CT 06817-0001 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TILSTON, Michael, William** [GB/US]; 2285 South Walnut Drive, St. Albans, WV 25177 (US). **UPHAM, Stephanie, Marie** [US/US]; 1915 Huber Road, Charleston, WV 25314 (US). **MICHIE, William, James, Jr.** [US/US]; 14 Obert Drive, Raritan, NJ 08869 (US). **EALER, George, Edward** [US/US]; 10 Lake Drive, Whitehouse Station, NJ 08889 (US). **BUHLER-VIDAL, Jorge, Oscar** [AR/US]; 22 Hidden Lake Drive, North Brunswick, NJ 08902 (US).
- (74) **PACCIONE, Stanley, J.**; Union Carbide Chemicals & Plastics Technology Corporation, 39-Old Ridgebury Road, Danbury, CT 06817-0001 (US).
- (81) AU BR CA CN ID JP KR MX US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (51)⁶ **C08L 23/26, C08F 210/02, 255/02, H01B 3/30**
(11) **WO 00/15713** (13) A1
(21) PCT/JP99/05000
(22) **14 Sep/sep 1999 (14.09.1999)**
(25) ja (26) ja
(30) 10/262105 **16 Sep/sep 1998 JP (16.09.1998)**
(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • ELECTRICAL INSULATING RESIN MATERIAL, ELECTRICAL INSULATING MATERIAL, AND ELECTRIC WIRE AND CABLE USING THE SAME
- RESINE POUR ISOLATION ELECTRIQUE, MATIERE OBTENUE A PARTIR DE LADITE RESINE ET FILS ET CABLES ELECTRIQUES POURVUS DE LADITE MATIERE
- (71) **JAPAN POLYOLEFINS CO., LTD.** [JP/JP]; 26-5, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **IKEDA, Masaaki** [JP/JP]; Japan Polyolefins Co., Ltd., Technical Headquarters, Research & Development Center, 3-2, Yako 2-chome, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-8548 (JP). **SHIMIZU, Yoshimi** [JP/JP]; Japan Polyolefins Co., Ltd., Technical Headquarters, Research & Development Center, 3-2, Yako 2-chome, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-8548 (JP).
- (74) **SHIGA, Masatake** et al. / etc.; OR Building, 23-3, Takadanobaba 3-chome, Shinjuku-ku, Tokyo 169-8925 (JP).
- (81) AU CN ID JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (51)⁶ **C08L 53/00, 47/00, 9/00, C08K 3/00, C08J 3/24**
- (11) **WO 00/15714** (13) A1
- (21) PCT/JP99/05052
- (22) **16 Sep/sep 1999 (16.09.1999)**
- (25) ja (26) ja
- (30) 10/280595 **16 Sep/sep 1998** JP
(16.09.1998)
- (30) 10/280596 **16 Sep/sep 1998** JP
(16.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • CONJUGATED DIENE RUBBER COMPOSITION CONTAINING CRYSTALLINE SEGMENT
- COMPOSITION CAOUTCHOUTEUSE A BASE DE DIENE CONJUGUE ET CONTENANT UN SEGMENT CRISTALLIN
- (71) **NIPPON ZEON CO., LTD.** [JP/JP]; 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NAKAMURA, Masao** [JP/JP]; Nippon Zeon Co., Ltd., Research & Development Center, 2-1, Yako 1-chome, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0863 (JP). **FUKAHORI, Takahiko** [JP/JP]; Nippon Zeon Co., Ltd., Research & Development Center, 2-1 Yako 1-chome, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0863 (JP). **SHIBUYA, Tomohiro** [JP/JP]; Nippon Zeon Co., Ltd., Research & Development Center, 2-1 Yako 1-chome, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0863 (JP).
- (74) **UCHIDA, Yukio**; Uchida & Associates, Sunny Port Shiba 1005, 5-10 Shiba 2-chome, Minato-ku, Tokyo 105-0014 (JP).
- (81) CA US; EP (DE FR GB IT).
-
- (51)⁷ **C08L 57/08, C08J 7/04, E01C 11/24**
- (11) **WO 00/15715** (13) A1
- (21) PCT/EP99/05214
- (22) **21 Jul/juil 1999 (21.07.1999)**
- (25) en (26) en
- (30) 60/099,699 **10 Sep/sep 1998** US
(10.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • AQUEOUS FLUORINATED POLYMER DISPERSIONS CAPABLE TO PROTECT ASPHALTIC MATERIALS
- DISPERSIONS POLYMERES AQUEUSES FLUOREES CAPABLES DE PROTEGER DES PRODUITS ASPHALTIQUES
- (71) **CIBA SPECIALTY CHEMICALS HOLDING INC.** [CH/CH]; Klybeckstrasse 141, CH-4057 Basel (CH).
- (72) **ORNSTEIN, Ian, Neal**; 6655 Donnanbeatrix Circle, Tucson, AZ 85718 (US). **CHRIST, Geoffrey, Charles**; 652 Main Street, Wakefield, MA 01880 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **C08L 67/02**
- (11) **WO 00/15716** (13) A2
- (21) PCT/US99/21068
- (22) **13 Sep/sep 1999 (13.09.1999)**
- (25) en (26) en
- (30) 152,661 **14 Sep/sep 1998** US
(14.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • HIGH IMPACT POLYESTER BLENDS
- MELANGES A BASE DE POLYESTER A RESISTANCE ELEVEE AUX CHOCS
- (71) **EASTMAN CHEMICAL COMPANY** [US/US]; 100 North Eastman Road, Kingsport, TN 37660 (US).
- (72) **PECORINI, Thomas, Joseph**; 208 Remington Court, Kingsport, TN 37663 (US). **BELL, Bruce, Connard**; P.O. Box 3219, Kingsport, TN 37664 (US). **OSHINSKI, Alan, Joseph**; 67 Patterson Drive, Glenmont, NY 12077 (US).
- (74) **TUBACH, Cheryl, J.**; P.O. Box 511, Kingsport, TN 37662-5075 (US).
- (81) BR CN JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (51)⁷ **C08L 67/02**
- (11) **WO 00/15717** (13) A1
- (21) PCT/US99/21169
- (22) **13 Sep/sep 1999 (13.09.1999)**
- (25) en (26) en
- (30) 152,842 **14 Sep/sep 1998** US
(14.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • POLYESTER COMPOSITIONS CONTAINING AN IMPACT MODIFIER
- COMPOSITIONS DE POLYESTER RENFERMANT UN AGENT ANTI-CHOC
- (71) **EASTMAN CHEMICAL COMPANY** [US/US]; 100 North Eastman Road, Kingsport, TN 37660 (US).
- (72) **PECORINI, Thomas, Joseph**; 208 Remington Court, Kingsport, TN 37663 (US). **BELL, Bruce, Connard**; P.O. Box 3219, Kingsport, TN 37664 (US). **OSHINSKI, Alan, Joseph**; 67 Patterson Drive, Glenmont, NY 12077 (US).
- (74) **TUBACH, Cheryl, J.**; P.O. Box 511, Kingsport, TN 37662-5075 (US).
- (81) BR CN JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)⁷ **C08L 69/00 // (C08L 69/00, 67:03)**
- (11) **WO 00/15718** (13) A1
- (21) PCT/US99/17397
- (22) **29 Jul/juil 1999 (29.07.1999)**
- (25) en (26) en
- (30) 09/152,877 **14 Sep/sep 1998** US
(14.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • WEATHERABLE BLENDS OF POLYCARBONATES WITH ARYLATE POLYMERS
- MELANGES DE POLYCARBONATES ET DE POLYMERES D'ARYLATE, RESISTANT AUX INTEMPERIES
- (71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).
- (72) **WEBB, Jimmy, Lynn**; 31 Woodstead Road RD 2, Ballston Lake, NY 12019 (US). **CARTER, Randall, Lee**; 2 Roosevelt Court, Clifton Park, NY 12065 (US). **SICLOVAN, Tiberiu, Mircea**; 1455 Dorwaldt Boulevard, #5-9, Schenectady, NY 123038 (US). **PICKETT, James, Edward**; 4331 Buckingham Drive, Schenectady, NY 12308 (US).
- (74) **WINTER, Catherine, J.** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

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

(51)⁶ **C08L 95/00, C04B 26/26, E01C 7/18, C08K 3/34, C08J 3/20**

(11) **WO 00/15719** (13) A1

(21) PCT/EP98/05894

(22) **16 Sep/sep 1998 (16.09.1998)**

(25) de (26) de

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR PRODUCING ASPHALT-CONTAINING COVERINGS IN ROAD BUILDING AND INDUSTRIAL CONSTRUCTIONS

• PROCEDE DE PRODUCTION DE RECOUVREMENTS CONTENANT DE L'ASPHALTE DANS LA CONSTRUCTION ROUTIERE ET INDUSTRIELLE

(71, 72) **MANFRED, Brunner** [DE/DE]; Elektrastr. 18, D-81925 München (DE).

(74) **HARTMANN, Günter**; Pienzenauerstr. 2, D-81679 München (DE).

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

(51)⁷ **C09C 1/30, 1/00**

(11) **WO 00/15720** (13) A1

(21) PCT/EP99/06751

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) de (26) de

(30) 198 42 134.6 **14 Sep/sep 1998** DE (14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • PIGMENT MIXTURE HAVING A HIGH LIGHT DIFFUSION

• MELANGES DE PIGMENTS A DIFFUSION ELEVEE DE LA LUMIERE

(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) **ANSELMANN, Ralf** [DE/DE]; Mühlstrasse 11, D-67305 Ramsen (DE). **KNAPP, Martin** [DE/DE]; Aschaffenburg Strasse 25 e, D-64807 Dieburg (DE). **HILLGÄRTNER, Uta** [DE/DE]; Liebigstrasse 26, D-64293 Darmstadt (DE).

(74) **MERCK PATENT GMBH**; Frankfurter Strasse 250, D-64293 Darmstadt (DE).

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

(51)⁷ **C09D 5/02, C08J 3/07**

(11) **WO 00/15721** (13) A1

(21) PCT/EP99/06604

(22) **8 Sep/sep 1999 (08.09.1999)**

(25) de (26) de

(30) 198 41 842.6 **12 Sep/sep 1998** DE (12.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • INTRINSICALLY VISCOUS CLEAR POWDER COATING SLURRY WHICH IS FREE OF ORGANIC SOLVENTS AND EXTERNAL EMULSIFIERS, METHOD FOR PRODUCING SAID SLURRY AND USE OF THE SAME

• SUSPENSION DE VERNIS CLAIR EN POUDRE AYANT UNE VISCOSITE INTRINSEQUE ET EXEMPT DE SOLVANTS ORGANIQUES ET D'EMULSIFIANTS EXTERNES, SON PROCEDE DE PRODUCTION ET SON UTILISATION

(71) **BASF COATINGS AG** [DE/DE]; Glasuritstrasse 1, D-48165 Münster (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OTT, Günther** [DE/DE]; Von-Holte-Strasse 101a, D-48167 Münster (DE). **RÖCKRATH, Ulrike** [DE/DE]; Vikarsbusch 8, D-48308 Senden (DE). **WOLTERING, Joachim** [DE/DE]; Althausweg 121, D-48159 Münster (DE). **BENDIX, Maximilian** [DE/DE]; Von-Steinfurt-Strasse 20, D-59302 Oelde (DE). **RAKA, Fatmir** [DE/DE]; Frauensstrasse 34, D-48143 Münster (DE). **SCHUH-MACHER, Ute** [DE/DE]; Albertsheid 34, D-48165 Münster (DE). **POTH, Ulrich** [DE/DE]; Albachtenerstrasse 97d, D-48163 Münster (DE).

(74) **FITZNER, Uwe**; Lintorfer Strasse 10, D-40878 Ratingen (DE).

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

Published / Publiée : (c)

(51)⁷ **C09D 7/06, 5/02, B05D 7/00**

(11) **WO 00/15722** (13) A1

(21) PCT/EP99/06441

(22) **2 Sep/sep 1999 (02.09.1999)**

(25) de (26) de

(30) 198 41 976.7 **14 Sep/sep 1998** DE (14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • DOUBLE-LAYER VARNISH COMPRISING AN AQUEOUS BASE VARNISH AND CLEAR VARNISH WITH IMPROVED CLEAR VARNISH WETTING LIMIT

• VERNISSAGE A DEUX COUCHES AVEC UN VERNIS DE BASE AQUEUX ET UN VERNIS CLAIR AYANT UNE LIMITE DE MOUILLAGE DE VERNIS CLAIR AMELIOREE

(71) **HERBERTS GMBH & CO. KG** [DE/DE]; Christbusch 25, D-42285 Wuppertal (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOSCH, Werner** [DE/DE]; Steinhäuser Strasse 94, D-42339 Wuppertal (DE). **KRAUS VOM CLEFF, Oliver** [DE/DE]; Schwabhausen 56, D-42369 Wuppertal (DE). **TASCHNER, Marco** [DE/DE]; Heidestrasse 3a, D-45549 Sprockhövel (DE).

(74) **TÜRK GILLE HRABAL**; Brucknerstr. 20, D-40593 Düsseldorf (DE).

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

Published / Publiée : (c)

(51)⁷ **C09D 11/00**

(11) **WO 00/15723** (13) A2

(21) PCT/GB99/03025

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) 9820176.7 **16 Sep/sep 1998** GB (16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • COMPOUNDS AND COMPOSITIONS
• COMPOSES ET COMPOSITIONS

(71) **AVECIA LIMITED** [GB/GB]; Hexagon House, Blackley, Manchester M9 8ZS (GB). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WIGHT, Paul** [GB/GB]; Hexagon House, P.O. Box 42, Blackley, Manchester M9 8ZS (GB).

(74) **MAYALL, John**; Avecia Limited, Intellectual Property Group, Hexagon House, P.O. Box 42, Blackley, Manchester M9 8ZS (GB) et al. / etc.

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

(51)⁶ **C09D 11/00, B41M 5/00, B41J 2/01**

(11) **WO 00/15724** (13) A1

(21) PCT/JP99/00803

(22) **22 Feb/fév 1999 (22.02.1999)**

(25) ja (26) ja

(30) 10/301580 **16 Sep/sep 1998** JP (16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD OF INK-JET RECORDING

• PROCEDE D'ENREGISTREMENT PAR JET D'ENCRE

(71, 72) **SAKAI, Taisaburo** [JP/JP]; 16-7, Sujaku 6-chome, Nara-shi, Nara 631-0806 (JP). **SAKAI, Maria** [JP/JP]; 16-7, Sujaku 6-chome, Nara-shi, Nara 631-0806 (JP). **SAKAI, Reiko** [JP/JP]; 16-7, Sujaku 6-chome, Nara-shi, Nara 631-0806 (JP). **SAKAI, Miwako** [JP/JP]; 16-7, Sujaku 6-chome, Nara-shi, Nara 631-0806 (JP). **SAKAI, Akiko** [JP/JP]; 16-7, Sujaku 6-chome, Nara-shi, Nara 631-0806 (JP).

(74) **SAKAI, Taisaburo**; 16-7, Sujaku 6-chome, Nara-shi, Nara 631-0806 (JP).

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

(51)⁷ **C09D 133/14, 5/03, 5/02 // (C09D 133/14, 161:32)**

(11) **WO 00/15725** (13) A1

(21) PCT/EP99/05891

(22) **11 Aug/août 1999 (11.08.1999)**

(25) de (26) de

(30) 198 41 408.0 **10 Sep/sep 1998 DE (10.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • POWDER CLEAR VARNISH AND AQUEOUS POWDER CLEAR VARNISH SLURRY

• VERNIS EN POUDRE ET SUSPENSION EPAISSE AQUEUSE DE VERNIS EN POUDRE

(71) **BASF COATINGS AG** [DE/DE]; Glasuritstrasse 1, D-48165 Münster (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **OTT, Günther** [DE/DE]; Von-Holte-Strasse 101a, D-48167 Münster (DE). **WOLTERING, Joachim** [DE/DE]; Althausweg 121, D-48159 Münster (DE). **RÖCKRATH, Ulrike** [DE/DE]; Vikarsbusch 8, D-48308 Senden (DE). **WONNEMANN, Heinrich** [DE/DE]; Paul-Gerhardt-Weg 1, D-48291 Telgte (DE). **SCHWARTE, Stephan** [DE/DE]; Kupfergraben 13, D-48282 Emsdetten (DE).

(74) **FITZNER, Uwe**; Lintorfer Strasse 10, D-40878 Ratingen (DE).

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

Published / Publiée : (c)

(51)⁷ **C09J 7/02, G03C 5/26, B32B 27/10, G03D 15/00**

(11) **WO 00/15726** (13) A1

(21) PCT/NL99/00570

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) nl (26) en

(30) 1010093 **15 Sep/sep 1998 NL (15.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • TAPE FOR CONNECTING PHOTOGRAPHIC FILMS TO BE DEVELOPED AND A METHOD FOR THE MANUFACTURE THEREOF

• RUBAN DE MONTAGE DE PELLICULES A DEVELOPPER ET PROCEDE DE FABRICATION DUDIT RUBAN

(71) **TECHN-O-TAPE B.V.** [NL/NL]; Tolweg 4, NL-3741 LK Baarn (NL).

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

(72, 75) **DE GAST, Teunis** [NL/NL]; Zwane-weide 30, NL-3742 XX Baarn (NL).

(74) **ALTENBURG, Bernardus, Stephanus, Franciscus**; Octrooibureau Los en Stigter B.V., Weteringschans 96, NL-1017 XS Amsterdam (NL).

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

Published / Publiée : (c)

(51)⁷ **C09J 7/02**

(11) **WO 00/15727** (13) A1

(21) PCT/US99/18956

(22) **25 Aug/août 1999 (25.08.1999)**

(25) en (26) en

(30) 10/263080 **17 Sep/sep 1998 JP (17.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • MASKING TAPES FOR PAINTING

• RUBAN-CACHE POUR PEINTURE

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

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

(72, 75) **SAKAKIBRARA, Makoto** [JP/JP]; 72-3-301, Kidukidaimachi, Nakahara-ku, Kawasaki-city, Kanagawa Pref., 211 (JP).

(74) **TRUSSELL, James, J.** et al. / etc.; 3M Innovative Properties Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

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

(51)⁶ **C09J 7/02**

(11) **WO 00/15728** (13) A1

(21) PCT/US99/21118

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 9820121.3 **15 Sep/sep 1998 GB (15.09.1998)**

(30) 09/215,799 **18 Dec/déc 1998 US (18.12.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • HEAT-ACTIVATABLE POLYURETHANE COATINGS AND THEIR USE AS ADHESIVES

• REVETEMENTS EN POLYURETHANE POUVANT ETRE REACTIVES PAR LA CHALEUR ET LEUR UTILISATION EN TANT QU'ADHESIFS

(71) **MOBIL OIL CORPORATION** [US/US]; 3225 Gallows Road, Fairfax, VA 22037-0001 (US).

(72) **GRINGOIRE, Bruno, R., L.**; 13, rue Pont de Pierre, F-54730 Ville-Houdlemont (FR). **KELLER, Lajos, E.**; 19, rue Jean Bertholet, L-1233 Luxembourg (LU). **LEGER, Christian**; 17, rue des Jardins, F-57840 Ottange (FR).

(74) **SANTINI, Dennis, P.** et al. / etc.; ExxonMobil Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (US).

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

Published / Publiée : (c)

(51)⁷ **C09J 7/02, B65H 35/00, B65D 83/08**

(11) **WO 00/15729** (13) A1

(21) PCT/US99/21402

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) en (26) en

(30) 09/154,005 **16 Sep/sep 1998 US (16.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • FILM TAPE FOR FORMING A CUTTING EDGE ON DISPENSER CARTONS

• BANDE EN POLYMERES UTILISEE POUR FORMER UN BORD COUPANT SUR DES DISTRIBUTEURS EN CARTON

(71) **LINEAR PRODUCTS INC.** [US/US]; 417 N.W. 136th Street, Vancouver, WA 98685 (US).

(72) **FOUBERT, Roland, A.**; 417 N.W. 136th Street, Vancouver, WA 98685 (US). **DRA-PALA, Wieslaw, A.**; 417 N.W. 136th Street, Vancouver, WA 98685 (US). **WILLIAMS, Kimberly, J.**; 417 N.W. 136th Street, Vancouver, WA 98685 (US). **CATTERLIN, Richard, G.**; 417 N.W. 136th Street, Vancouver, WA 98685 (US).

(74) **QUAN, Nancy, N.** et al. / etc.; 1200 Willow Lake Boulevard, Box 64683, St. Paul, MN 55164-0683 (US).

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

Published / Publiée : (c)

(51)⁶ **C09K 5/00**

(11) **WO 00/15730** (13) A1

(21) PCT/US99/17870

(22) **6 Aug/août 1999 (06.08.1999)**

- (25) en (26) en
- (30) 09/156,744 **17 Sep/sep 1998** US
(17.09.1998)
- (30) 09/231,435 **14 Jan/jan 1999** US
(14.01.1999)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● HEAT TRANSFER FLUIDS
● FLUIDES CALOPORTEURS
- (71, 72) **DAMIANI, Robert, A.** [US/US]; 6N022 Briewood Drive, St. Charles, IL 60175 (US). **DAMIANI, Michael, R.** [US/US]; 1160 Division Street, Geneva, IL 60134 (US).
- (74) **SWEENEY, James, R.;** Lee, Mann, Smith, McWilliams, Sweeney & Ohlson, P.O. Box 2786, Chicago, IL 60690-2786 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **C09K 19/52, G02F 1/1335, F21V 9/00, 9/14**
- (11) **WO 00/15732** (13) A1
- (21) PCT/US99/18381
- (22) **12 Aug/août 1999 (12.08.1999)**
- (25) en (26) en
- (30) 09/151,909 **11 Sep/sep 1998** US
(11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● STRUCTURALLY ORDERED ARTICLES, FABRICATION METHOD AND APPLICATIONS OF THE SAME
● ARTICLES ORDONNES STRUCTURELLEMENT, LEUR PROCEDE DE FABRICATION ET LEURS APPLICATIONS
- (71) **REVEO, INC.** [US/US]; 85 Executive Boulevard, Elmsford, NY 10523 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FAN, Bunsen** [US/US]; 2529 Maple Avenue, Peekskill, NY 10566 (US).
- (74) **SAMPSON, Richard, L.** et al. / etc.; Sampson & Associates, P.C., Suite 519, 50 Congress Street, Boston, MA 02109 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C10B 39/10, 39/02**
- (11) **WO 00/15733** (13) A1
- (21) PCT/GB99/02921
- (22) **3 Sep/sep 1999 (03.09.1999)**
- (25) en (26) en
- (30) 09/152,093 **11 Sep/sep 1998** US
(11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● COOLING POCKET FOR A ROTARY DRUM COOLER HAVING A FLEXIBLE VENT PIPE ASSEMBLY
- POCHE DE REFROIDISSEMENT POUR UN REFROIDISSEUR A TAMBOUR ROTATIF POURVU D'UN EVENT FLEXIBLE
- (71) **ATLANTIC RICHFIELD COMPANY** [US/US]; 2300 West Plano Parkway, Plano, TX 75075 (US).
(for all designated States except / pour tous les États désignés sauf MW)
- (71) **ARCO BRITISH LIMITED** [GB/GB]; London Square, Cross Lanes (off London Road), Guildford, Surrey, GU1 1UE (GB).
(only for / seulement pour MW)
- (72) **BIEDERSTADT, Robert, W.;** 3007 Racine Street, Bellingham, WA 98226 (US). **HIGHLANDER, Jack, R.;** 2425 Westview Place, Ferndale, WA 98248 (US). **DALY, John, W.;** 1778 North Shore Road, Bellingham, WA 98226 (US). **GERSTENKORN, Ralph;** 507 13th Street, Bellingham, WA 98225 (US).
- (74) **COLMER, Stephen, Gary;** Mathys & Squire, 100 Gray's Inn Road, London WC1X 8AL (GB).
- (81) CA MW NO; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **C10G 32/00, 27/12, 27/14, C10L 9/06**
- (11) **WO 00/15734** (13) A1
- (21) PCT/US99/21478
- (22) **16 Sep/sep 1999 (16.09.1999)**
- (25) en (26) en
- (30) 60/100,576 **16 Sep/sep 1998** US
(16.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● DESULFURIZATION PROCESS
● PROCEDE DE DESULFURATION
- (71, 72) **JEANBLANC, James, K.** [US/US]; 400 NW Ninth Street, Galva, IL 61434 (US).
- (74) **WHEELER, George, F.** et al. / etc.; McAndrews, Held & Malloy, Ltd., Suite 3400, 500 W Madison Street, Chicago, IL 60661 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- Published / Publiée : (a)
- (51)⁶ **C09K 11/08, H05B 33/00, 33/18**
- (11) **WO 00/15731** (13) A1
- (21) PCT/US99/21578
- (22) **16 Sep/sep 1999 (16.09.1999)**
- (25) en (26) en
- (30) 60/100,517 **16 Sep/sep 1998** US
(16.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● PHOSPHOR SYSTEM
● SYSTEME A BASE DE PHOSPHORE
- (71) **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).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KESZLER, Douglas** [US/US]; 8927 N.W. Lorri Pl., Corvallis, OR 97330 (US). **LI, Dong** [CN/US]; Apartment A1, 31 Golfview Drive, Newark, DE 19702 (US). **WAGNER, John, F.** [US/US]; 2021 N.W. Woodland, Corvallis, OR 97330 (US). **CLARK, Benjamin, L.** [US/US]; 1607 S.W. 49th St., #16, Corvallis, OR 97333 (US). **KEIR, Paul** [US/US]; 3710 S.E. Stark, #12, Portland, OR 97214 (US).
- (74) **POLLEY, Richard, J.;** Klarquist, Sparkman, Campbell, Leigh & Whinston, LLP, One World Trade Center, Suite 1600, 121 SW Salmon Street, Portland, OR 97204 (US).
-
- Published / Publiée : (c)
- (51)⁶ **C10G 45/00, 45/02, 47/00, C07C 7/00, 7/11, B01D 47/00**
- (11) **WO 00/15735** (13) A1
- (21) PCT/US99/20325

(22) 8 Sep/sep 1999 (08.09.1999)

(25) en (26) en

(30) 09/153,921 16 Sep/sep 1998 US
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • TWO STAGE HYDROPROCESSING WITH VAPOR-LIQUID INTERSTAGE CONTACTING FOR VAPOR HETEROATOM REMOVAL

- HYDROCRAQUAGE EN DEUX NIVEAUX AVEC CONTACT INTER-NIVEAUX ENTRE VAPEUR ET LIQUIDE POUR L'ELIMINATION DES HETEROATOMES DE LA VAPEUR

(71) EXXON RESEARCH AND ENGINEERING COMPANY [US/US]; 180 Park Avenue, P.O. Box 390, Florham Park, NJ 07932-0390 (US).

(72) JUNG, Henry; 17 Coleman Avenue West, Chatham, NJ 07928 (US). GUPTA, Ramesh; 57 Lawrence Drive, Berkeley Heights, NJ 07922 (US). ELLIS, Edward, Stanley; 39 Rankin Avenue, Basking Ridge, NJ 07920 (US). LEWIS, William, Ernest; 6933 North Fieldgate Court, Baton Rouge, LA 70808 (US).

(74) NAYLOR, Henry, E. et al. / etc.; Exxon Research and Engineering Company, P.O. Box 390, Florham Park, NJ 07932-0390 (US).

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

(51)⁷ C10G 65/00

(11) WO 00/15736 (13) A2

(21) PCT/US99/18948

(22) 24 Aug/août 1999 (24.08.1999)

(25) en (26) en

(30) 09/151,967 11 Sep/sep 1998 US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • WIDE-CUT SYNTHETIC ISOPARAFINIC LUBRICATING OILS

- HUILES LUBRIFIANTES ISOPARAFINIQUES SYNTHETIQUES A LARGE FRACTION DE DISTILLATION

(71) EXXON RESEARCH AND ENGINEERING COMPANY [US/US]; 180 Park Avenue, P.O. Box 390, Florham Park, NJ 07932-0390 (US).

(72) WITTENBRINK, Robert, Jay; 6018 Riverchase Trail, Kingwood, TX 77345 (US). RYAN, Daniel, Francis; 6211 Gabriel Oaks Drive, Baton Rouge, LA 70820 (US). BERLOWITZ, Paul, Joseph; 4 Nicole Terrace, Glen Gardner, NJ 08826 (US). HABEEB, Jacob, Joseph; 102 East Dudley Avenue, Westfield, NJ 07090 (US).

(74) SIMON, Jay et al. / etc.; Exxon Research and Engineering Company, P.O. Box 390, Florham Park, NJ 07932-0390 (US).

(81) AU BR CA JP KR NO SG ZA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ C10J 3/46, C01B 3/36

(11) WO 00/15737 (13) A1

(21) PCT/US99/20012

(22) 1 Sep/sep 1999 (01.09.1999)

(25) en (26) en

(30) 09/154,772 17 Sep/sep 1998 US
(17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • SYSTEM AND METHOD FOR INTEGRATED GASIFICATION CONTROL

- DISPOSITIF ET PROCEDE DE COMMANDE DE GAZEIFICATION INTEGREE

(71) TEXACO DEVELOPMENT CORPORATION [US/US]; 2000 Westchester Avenue, White Plains, NY 10650-0001 (US).

(72) TSE, Daniel, W.; 2403 Watts Street, Apartment 2, Houston, TX 77030-1837 (US). GULKO, George, M.; 10555 Turtlewood Court #305, Houston, TX 77072 (US). WALLACE, Paul, S.; 1110 Cheyenne Meadows Drive, Katy, TX 77450 (US).

(74) REISTER, Andrea, G.; Howrey & Simon, 1299 Pennsylvania Avenue, N.W., Box 34, Washington, DC 20004-2402 (US).

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

(51)⁷ C10J 3/82, 3/84, 3/02, 3/20

(11) WO 00/15738 (13) A1

(21) PCT/EP99/06584

(22) 7 Sep/sep 1999 (07.09.1999)

(25) de (26) de

(30) 198 41 586.9 11 Sep/sep 1998 DE
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • REACTOR FOR GASIFYING GRANULAR FUELS THAT FORM A FIXED BED

- REACTEUR PERMETTANT DE GAZEIFIER DES COMBUSTIBLES EN GRAINS CONSTITUANT UN LIT FIXE

(71) METALLGESELLSCHAFT AG [DE/DE]; Bockenheimer Landstrasse 73-77, D-60325 Frankfurt am Main (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHMITT, Gerhard [DE/DE]; Weiergrundstrasse 20, D-61389 Schmitten (DE).

(74) METALLGESELLSCHAFT AG; Bockenheimer Landstrasse 73-77, D-60325 Frankfurt am Main (DE).

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

Published / Publiée : (c)

(51)⁶ C10L 1/18, 1/22

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(22) 10 Sep/sep 1999 (10.09.1999)

(25) en (26) en

(30) 09/152,880 14 Sep/sep 1998 US
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • DIESEL FUEL COMPOSITIONS

- COMPOSITIONS DE CARBURANT DIESEL

(71) THE LUBRIZOL CORPORATION [US/US]; Legal Division/022B, 29400 Lakeland Boulevard, Wickliffe, OH 44092-2298 (US).

(72) SUGIMOTO, Shigeru; 18-5, 3-chome, Horinouchi, Suginami-ku, Tokyo 166-0013 (JP).

(74) DUCHEZ, Neil, A.; The Lubrizol Corporation, Patent Dept., 29400 Lakeland Boulevard, Wickliffe, OH 44092-2298 (US).

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

(51)⁷ C10L 1/32

(11) WO 00/15740 (13) A1

(21) PCT/US99/20436

(22) 7 Sep/sep 1999 (07.09.1999)

(25) en (26) en

(30) 09/152,852 14 Sep/sep 1998 US
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • WATER FUEL EMULSIFIED COMPOSITIONS

- COMPOSITIONS EMULSIONNEES EAU/CARBURANT

(71) **THE LUBRIZOL CORPORATION** [US/US]; Legal Division/022B, 29400 Lakeland Boulevard, Wickliffe, OH 44092-2298 (US).

(72) **DALY, Daniel, T.**; 33166 Popham Lane, Solon, OH 44139 (US). **MULLAY, John, J.**; 9251 Lori Jean Drive, Mentor, OH 44060 (US). **SCHIFERI, Elizabeth, A.**; 20680 Edgecliff Drive, Euclid, OH 44123 (US). **LANGER, Deborah, A.**; 12404 Rock Haven Road, Chesterland, OH 44026 (US). **WESTFALL, David, L.**; 2117 Morrison Avenue, Lakewood, OH 44107 (US). **DAVE, Harshida**; 495 Longspur Road, Highland Heights, OH 44143 (US). **FILIPPINI, Brian, B.**; Apartment 132, 5800 South Winds Drive, Mentor-on-the-Lake, OH 44060 (US). **ABRAHAM, William, D.**; 3835 Merrymound Road, South Euclid, OH 44121 (US).

(74) **DuCHEZ, Neil, A.**; The Lubrizol Corporation, Legal Division/022B, 29400 Lakeland Boulevard, Wickliffe, OH 44092-2298 (US).

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

Published / Publiée : (c)

(51)⁷ C11D

(11) WO 00/15741 (13) A2

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(22) 10 Sep/sep 1999 (10.09.1999)

(25) en (26) en

(30) Not furnished / 11 Sep/sep 1998 US
non communiqué (11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • LIQUID CLEANING COMPOSITIONS
• COMPOSITIONS NETTOYANTES LIQUIDES

(71) **COLGATE-PALMOLIVE COMPANY** [US/US]; 300 Park Avenue, New York, NY 10022 (US).

(72) **DURBUT, Patrick**; 25, avenue des Villas, B-4800 Verviers (BE). **BROZE, Guy**; 2, rue des Enfants, B-4460 Grace-Hollogne (BE).

(74) **NANFELDT, Richard, E.**; Colgate-Palmolive Company, 909 River Road, P.O. Box 1343, Piscataway, NJ 08855-1343 (US).

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

(51)⁷ C11D 3/02, 3/395, 3/20, 7/54

(11) WO 00/15742 (13) A1

(21) PCT/US99/21345

(22) 16 Sep/sep 1999 (16.09.1999)

(25) en (26) en

(30) 98870193.4 16 Sep/sep 1998 EP
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • BLEACHING COMPOSITIONS
• COMPOSITIONS DE BLANCHIMENT

(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, 72) **GRANDE, Giovanni** [IT/IT]; Via Frigeri, 131, I-00136 Rome (IT). **TODINI, Oreste** [IT/IT]; Via Garibaldi, 26a, Castelnuovo di Porto, I-00060 Rome (IT).

(72, 75) **BRIATORE, Andrea** [IT/IT]; Viale Sacco e Vanzetti, 163, I-00155 Rome (IT).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

(81) JP NO PL RU SK SK (Utility model / modèle d'utilité) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)⁷ C11D 3/02, 3/395, 3/39, 3/12, 7/54

(11) WO 00/15743 (13) A1

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(22) 16 Sep/sep 1999 (16.09.1999)

(25) en (26) en

(30) 98870195.9 16 Sep/sep 1998 EP
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • BLEACHING COMPOSITIONS
• COMPOSITIONS DE BLANCHIMENT

(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) **BRIATORE, Andrea** [IT/IT]; Viale Sacco e Vanzetti, 163, I-00155 Rome (IT). **GRANDE, Giovanni** [IT/IT]; Via Frigeri, 131, I-00136 Rome (IT). **TODINI, Oreste** [IT/IT]; Via Garibaldi, 26a, Castelnuovo di Porto, I-00060 Rome (IT).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

(81) CA JP NO PL RU SK SK (Utility model / modèle d'utilité) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)⁷ C11D 3/04, 3/395, 3/39

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(22) 16 Sep/sep 1999 (16.09.1999)

(25) en (26) en

(30) 98870196.7 16 Sep/sep 1998 EP
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • BLEACHING COMPOSITIONS
• COMPOSITIONS DE BLANCHIMENT

(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) **BRIATORE, Andrea** [IT/IT]; Viale Sacco e Vanzetti, 163, I-00155 Rome (IT). **GRANDE, Giovanni** [IT/IT]; Via Frigeri, 131, I-00136 Rome (IT). **MOSS, Michael, Alan, John** [GB/IT]; Largo Olgiata N15, Isola N 91C, I-00123 Rome (IT). **TODINI, Oreste** [IT/IT]; Via Garibaldi, 26a, Castelnuovo di Porto, I-00060 Rome (IT).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

(81) CA JP NO PL RU SK SK (Utility model / modèle d'utilité) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)⁷ C11D 3/30, 3/37, 3/00

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(21) PCT/US99/20624

(22) 9 Sep/sep 1999 (09.09.1999)

(25) en (26) en

(30) 60/100,441 15 Sep/sep 1998 US
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • RINSE-ADDED FABRIC CARE COMPOSITIONS COMPRISING LOW MOLECULAR WEIGHT LINEAR AND CYCLIC POLYAMINES

• COMPOSITIONS D'ENTRETIEN DES TISSUS A AJOUTER AU RINÇAGE COMPORTANT DES POLYAMINES LINEAIRES ET CYCLIQUES DE FAIBLE POIDS MOLECULAIRE

(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) **LITTIG, Valley Sue** [US/US]; 159 Hidden Valley Drive, Fairfield, OH 45014 (US). **BOECKH, Dieter** [DE/DE]; Zeppelinweg 3, D-67117 Limburgerhof (DE). **BORZYK, Oliver** [DE/DE]; Ludwigstrasse 58, D-67346 Speyer (DE). **CAUWBERGHS, Serge, Gabriel, Pierre, Roger** [BE/BE]; Nieuwkerkenstraat 151, B-9100 Nieuwkerken (BE). **EHLE, Michael** [DE/DE]; Pater-Baroffio-Weg 43, D-67071 Ludwigshafen (DE). **GORDON, Neil, James** [BE/BE]; 107A Van Elewychstraat, B-1853 Strombeek-Bever (BE). **HARTMAN,**

- Frederick, Anthony** [US/US]; 10347 Deerfield Road, Cincinnati, OH 45242 (US). **HILDEBRANDT, Soren** [DE/DE]; Remlingerstrasse 24, D-67343 Speyer (DE). **LUX, Jurgen, Alfred** [DE/DE]; Harztalerstrasse 82, D-67693 Fischbach (DE). **PANANDIKER, Rajan, Keshav** [US/US]; 6484 Oregon Pass, West Chester, OH 45069 (US). **SIVIK, Mark, Robert** [US/US]; 2434 Sheffield Court, Ft. Mitchell, KY 41017 (US). **WERTZ, William, Conrad** [US/US]; 11273 Morgan Road, W. Harrison, IN 47060 (US). **VERMOTE, Christian, Leo, Marie** [BE/BE]; 1 Kielder Way, Gosforth, Newcastle upon Tyne NE3 2LP (GB).
- (74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).
- (81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ **C11D 3/30, 3/37**
- (11) **WO 00/15746** (13) A1
- (21) PCT/US99/20812
- (22) **9 Sep/sep 1999 (09.09.1999)**
- (25) en (26) en
- (30) 60/100,442 **15 Sep/sep 1998** US (15.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • FABRIC CARE AND LAUNDRY COMPOSITIONS COMPRISING LOW MOLECULAR WEIGHT LINEAR OR CYCLIC POLYAMINES
• COMPOSITIONS DE LAVAGE ET D'ENTRETIEN DES TISSUS COMPRENANT DES POLYAMINES CYCLIQUES OU LINEAIRES DE FAIBLE POIDS MOLECULAIRE
- (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) **LITTIG, Janet, Sue** [US/US]; 159 Hidden Hills Drive, Fairfield, OH 45014 (US). **BOECKH, Dieter** [DE/DE]; Zeppelinweg 3, D-67117 Limburgerhof (DE). **BORZYK, Oliver** [DE/DE]; Ludwigstrasse 58, D-67346 Speyer (DE). **CAUWBERGHS, Serge, Gabriel, Pierre, Roger** [BE/BE]; Nieuwkerkenstraat 151, B-9100 Nieuwkerken (BE). **EHLE, Michael** [DE/DE]; Pater-Baroffio-Weg 43, D-67071 Ludwigshafen (DE). **GORDON, Neil, James** [BE/BE]; Van Elewycckstraat 107A, B-1853 Strombeek-Bever (BE). **HARTMAN, Frederick, Anthony** [US/US]; 10347 Deerfield Road, Cincinnati, OH 45242 (US). **HILDEBRANDT, Soren** [DE/DE]; Remlingerstrasse 24, D-67343 Speyer (DE). **LUX, Jurgen, Alfred** [DE/DE]; Harztalerstrasse 82, D-67693 Fischbach (DE). **PANANDIKER, Rajan, Keshav** [US/US]; 6484 Oregon Pass, W. Chester, OH 45069 (US). **SIVIK, Mark, Robert** [US/US]; 2434 Sheffield Court, Ft. Mitchell, KY 41017 (US). **WERTZ, William, Conrad** [US/US]; 11273 Morgan Road, W. Harrison, IN 47060 (US). **VERMOTE, Christian, Leo, Marie** [BE/BE]; 1 Kielder Way, Gosforth, Newcastle upon Tyne NE3 2LP (GB).
- (74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).
- (81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ **C11D 3/37, 3/00**
- (11) **WO 00/15747** (13) A1
- (21) PCT/EP99/06429
- (22) **1 Sep/sep 1999 (01.09.1999)**
- (25) en (26) en
- (30) 9820206.2 **16 Sep/sep 1998** GB (16.09.1998)
- (30) 9911474.6 **17 May/mai 1999** GB (17.05.1999)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • FABRIC CARE COMPOSITION
• COMPOSITION AMELIORANT LES TISSUS
- (71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).
(only for / seulement pour AE AU BB CA CY GB GD GH GM IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT UG ZA 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 AE AU BB CA CY GB GD GH GM IE IL IN KE LC LK LS MN MW NZ SD SG SL SZ TT UG ZA ZW)
- (71) **HINDUSTAN LEVER LIMITED** [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Mumbai 400 020, Maharashtra (IN).
(only for / seulement pour IN)
- (72) **GRIFFITHS, Paula**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). **HAQ, Ziya**; 32 Latchford Road, Gayton, Wirral, Merseyside CH60 3RW (GB). **JARVIS, Anthony, Nicholas**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). **KRAVCHUK, Paul**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). **PARKER, Andrew, Philip**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). **SAMS, Philip, John**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). **SHEN, Zhengwu**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB).
- (74) **ELLIOTT, Peter, William**; Unilever plc, Patent Dept., Colworth House, Sharnbrook, Bedford MK44 1LQ (GB).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ **C11D 3/37, 3/00**
- (11) **WO 00/15748** (13) A1
- (21) PCT/EP99/06430
- (22) **1 Sep/sep 1999 (01.09.1999)**
- (25) en (26) en
- (30) 9820206.2 **16 Sep/sep 1998** GB (16.09.1998)
- (30) 9911474.6 **17 May/mai 1999** GB (17.05.1999)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • FABRIC CARE COMPOSITION
• COMPOSITION POUR LE TRAITEMENT DES TISSUS
- (71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).
(only for / seulement pour AE AU BB CA CY GB GD GH GM IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT UG ZA 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 AE AU BB CA CY GB GD GH GM IE IL IN KE LC LK LS MN MW NZ SD SG SL SZ TT UG ZA ZW)

- (71) **HINDUSTAN LEVER LIMITED** [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Mumbai 400 020, Maharashtra (IN).
(only for / seulement pour IN)
- (72) **CARSWELL, Robert, John**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). **JARVIS, Anthony, Nicholas**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). **KILLEY, Adelle, Louise**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). **MOONEY, William**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). **PARKER, Andrew, Philip**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). **PECKHAM, Emily, Jane**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). **SHEN, Zhengwu**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB).
- (74) **ELLIOTT, Peter, William**; Unilever PLC, Patent Department, Colworth House, Sharnbrook, Bedford MK44 1LQ (GB).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C11D 3/39, 3/43**
- (11) **WO 00/15749** (13) A1
- (21) PCT/US99/21207
- (22) **15 Sep/sep 1999 (15.09.1999)**
- (25) en (26) en
- (30) 60/100,563 **16 Sep/sep 1998** US
(16.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● PROCESS AND COMPOSITION FOR REMOVING LYCOPENE STAINS FROM PLASTIC SURFACES
● PROCEDE ET COMPOSITION PERMETTANT D'ELIMINER LES TACHES DE LYCOPENE SUR LES SURFACES EN PLASTIQUE
- (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) **FOLEY, Peter, Robert** [US/US]; Apartment 906, 621 East Mehring Way, Cincinnati, OH 45202 (US). **SONG, Xiaoqing** [CN/US]; 6594 Tylers Crossing, West Chester, OH 45069 (US). **PIERONI, Lucio** [IT/US]; 2219 Eastern Avenue, Cincinnati, OH 45202 (US).
- (74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).
- (81) BR CA JP KR MX TR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (51)⁷ **C11D 7/50, C23G 5/028**
- (11) **WO 00/15751** (13) A1
- (21) PCT/US99/19564
- (22) **25 Aug/août 1999 (25.08.1999)**
- (25) en (26) en
- (30) 09/151,822 **11 Sep/sep 1998** US
(11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● COMPOSITIONS FOR SURFACE CLEANING IN AEROSOL APPLICATIONS
● COMPOSITIONS D'AEROSOLISATION POUR NETTOYER DES SURFACES
- (71) **ALBEMARLE CORPORATION** [US/US]; 451 Florida Street, Baton Rouge, LA 70801-1765 (US).
- (72) **SHUBKIN, Ronald, L.**; 18723 W. Piney Point Avenue, Baton Rouge, LA 70817 (US). **LIIMATTA, Eric, W.**; 13653 Briarlake Avenue, Baton Rouge, LA 70809 (US).
- (74) **PIPPENGER, Philip, M.** et al. / etc.; Albemarle Corporation, Patent & Trademark Division, 451 Florida Street, Baton Rouge, LA 70801-1765 (US).
- (81) CA JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)⁷ **C11D 17/00**
- (11) **WO 00/15752** (13) A1
- (21) PCT/EP99/06410
- (22) **1 Sep/sep 1999 (01.09.1999)**
- (25) de (26) de
- (30) 198 41 361.0 **10 Sep/sep 1998** DE
(10.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● METHOD FOR PRODUCING MOULDED ARTICLES OF DETERGENT OR CLEANING PRODUCTS
● PROCEDE DE PRODUCTION DE CORPS MOULES DE LAVAGE ET DE NETTOYAGE
- (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) **WITT-NÜSSLEIN, Sandra** [DE/DE]; Ludwig-Wolker-Strasse 25, D-40764 Langenfeld (DE). **KRUSE, Hans-Friedrich** [DE/DE]; Am Hallenbad 44, D-41352 Korschenbroich (DE). **JUNG, Dieter** [DE/DE]; Am Eichelkamp 199, D-40723 Hilden (DE).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)⁷ **C11D 17/00, 1/22**
- (11) **WO 00/15753** (13) A1
- (21) PCT/EP99/06412
- (22) **1 Sep/sep 1999 (01.09.1999)**
- (25) de (26) de
- (30) 198 41 362.9 **10 Sep/sep 1998** DE
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● MOULDED DETERGENT AND CLEANING AGENT COMPOSITIONS CONTAINING ALKYL BENZENE SULFONATE

- CORPS MOULES DE LAVAGE ET DE NETTOYAGE CONTENANT DE L'ALKYLE BENZENE SULFONATE

(71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [DE/DE]; Henkelstrasse 67, D-40589 Düsseldorf (DE).
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(81) HU JP KR PL US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)⁷ C11D 17/00, 1/50, 3/32

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(25) de (26) de

(30) 198 41 360.2 10 Sep/sep 1998 DE (10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● MOULDED DETERGENT AND CLEANING AGENT COMPOSITIONS CONTAINING A SPECIAL SURFACE-ACTIVE GRANULATE

- CORPS MOULES DE LAVAGE ET DE NETTOYAGE CONTENANT DES GRANULES TENSIOACTIFS SPECIAUX

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

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(51)⁷ C11D 17/04, 3/37

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(25) en

(30) 9820206.2 16 Sep/sep 1998 GB (16.09.1998)

(30) 9911474.6 17 May/mai 1999 GB (17.05.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● FABRIC CARE COMPOSITION
● COMPOSITION AMELIORANT LES TISSUS(71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).
(only for / seulement pour AE AU BB CA CY GB GD GH GM IE IL IN KE LC LK LS MN MW NZ SD SG SL SZ TT UG ZA 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 AE AU BB CA CY GB GD GH GM IE IL IN KE LC LK LS MN MW NZ SD SG SL SZ TT UG ZA ZW)(71) **HINDUSTAN LEVER LIMITED** [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Mumbai 400 020, Maharashtra (IN).
(only for / seulement pour IN)(72) **BAINES, Fiona, Louise**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). **COWEN, Jane, Louise**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). **CRAWFORD, Robert, John**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). **PARKER, Andrew, Philip**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). **SAMS, Philip, John**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB).(74) **ELLIOTT, Peter, William**; Unilever Plc, Patent Dept., Colworth House, Sharnbrook, Bedford MK44 1LQ (GB).

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

(51)⁷ C12C 1/033

(11) WO 00/15756 (13) A1

(21) PCT/EP99/06492

(22) 3 Sep/sep 1999 (03.09.1999)

(25) de (26) de

(30) 198 42 219.9 15 Sep/sep 1998 DE (15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(26) en

16 Sep/sep 1998 GB (16.09.1998)

17 May/mai 1999 GB (17.05.1999)

(54) ● DEVICE AND METHOD FOR TREATING MALT

- DISPOSITIF ET PROCEDE DE PREPARATION DU MALT

(71, 72) **FREI, Willi** [CH/CH]; Chelenacker 1, CH-9203 Niederwil (CH).(74) **FÜCHSLE, Klaus** et al. / etc.; Hoffmann . Eitle, Arabellastrasse 4, D-81925 München (DE).

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

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(51)⁷ C12C 11/00, C12R 1/86, 1/865

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(21) PCT/DK99/00486

(22) 15 Sep/sep 1999 (15.09.1999)

(25) en (26) en

(30) 09/153,310 15 Sep/sep 1998 US (15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● METHOD OF PRODUCING A COMPOSITE FERMENTED BEVERAGE USING GENETICALLY MODIFIED YEAST STRAINS

- PROCEDE DE PRODUCTION D'UNE BOISSON FERMENTEE PAR UNE SUBSTANCE COMPOSITE AU MOYEN DE SOUCHES DE LEVURES GENETIQUEMENT MODIFIEES

(71) **CARLSBERG A/S** [DK/DK]; Vesterfælledvej 100, DK-1799 Copenhagen V (DK).
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- (81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)⁷ C12N
(11) WO 00/15758 (13) A2
(21) PCT/US99/21123
(22) 14 Sep/sep 1999 (14.09.1999)
(25) en (26) en
(30) 60/100,132 14 Sep/sep 1998 US (14.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • PLANT RESISTANCE TO INSECT PESTS MEDIATED BY VIRAL PROTEINS
• RESISTANCE DE PLANTES A DES INSECTES NUISIBLES INDUITE PAR DES PROTEINES VIRALES
(71) IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC. [US/US]; 310 Lab of Mechanics, Ames, IA 50011 (US).
(72) MILLER, W., A.; 1526 Wilson Avenue, Ames, IA 50010 (US). BONNING, Bryony, C.; 1220 Park Way, Ames, IA 50011 (US).
(74) GREENLEE, Lorraine, L. et al. / etc.; Greenlee, Winner and Sullivan, P.C., Suite 201, 5370 Manhattan Circle, Boulder, CO 80303 (US).
(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (30) PCT/US98/19121 16 Sep/sep 1998 US (16.09.1998)
(30) 09/154,219 16 Sep/sep 1998 US (16.09.1998)
(30) 09/268,311 16 Mar/mar 1999 US (16.03.1999)
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • INTERLEUKIN 17-LIKE RECEPTOR PROTEIN
• PROTEINE DE TYPE RECEPTEUR D'INTERLEUKINE 17
(71) HUMAN GENOME SCIENCES, INC. [US/US]; 9410 Key West Avenue, Rockville, MD 20850 (US).
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(72, 75) RUBEN, Steven, M. [US/US]; 18528 Heritage Hills Drive, Olney, MD 20832 (US). SHI, Yanggu [CN/US]; Apartment 102, 437 West Side Drive, Gaithersburg, MD 20878 (US).
(74) WALES, Michele, M. et al. / etc.; Human Genome Sciences, Inc., 9410 Key West Avenue, Rockville, MD 20850 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ C12N 1/06, 1/12, 15/00, C12P 21/04, A61K 39/02, 39/385, 39/09, 45/00, 39/116, 38/00, A01N 43/04, C07H 21/02, 21/04, C07K 1/00
(11) WO 00/15760 (13) A1
(21) PCT/US99/21643
(22) 17 Sep/sep 1999 (17.09.1999)
(25) en (26) en
(30) 60/100,859 17 Sep/sep 1998 US (17.09.1998)
(30) 60/144,324 19 Jul/juil 1999 US (19.07.1999)
(30) 60/154,017 15 Sep/sep 1999 US (15.09.1999)
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • STREPTOCOCCAL C BETA PROTEIN COMPOSITIONS
• COMPOSITIONS DE PROTEINES C BETA STREPTOCOCCIQUES
(71) NORTH AMERICAN VACCINE, INC. [CA/US]; 10150 Old Columbia Road, Columbia, MD 21046 (US).
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(72, 75) LONG-ROWE, Karen, O. [US/US]; 9220-N Traders Crossing, Laurel, MD 20723 (US). BLAKE, Milan, S. [US/US]; 8521 Beaufort Drive, Fulton, MD 20759 (US).
(74) ESMOND, Robert, W. et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., Suite 600, 1100 New York Avenue, N.W., Washington, DC 20005-3934 (US).
(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)⁶ C12N 1/20, A01N 63/00
(11) WO 00/15761 (13) A1
(21) PCT/AU99/00768
(22) 14 Sep/sep 1999 (14.09.1999)
(25) en (26) en
(30) PP 5897 14 Sep/sep 1998 AU (14.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • NOVEL BACTERIAL STRAINS AND METHODS OF CONTROLLING FUNGAL PATHOGENS
• NOUVELLES SOUCHES BACTERIENNES ET PROCÉDES D'ÉLIMINATION D'AGENTS PATHOGENES FONGIQUES
(71) CHARLES STURT UNIVERSITY [AU/AU]; Boorooma Street, Wagga Wagga, New South Wales 2678 (AU).
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(72, 75) HARDEN, Terence [AU/AU]; Charles Sturt University, Department of Wine & Food Science, Wagga Wagga, New South Wales 2656 (AU). SIMPFENDORFER, Steven [AU/AU]; Agriculture Research Institute, Wagga Wagga, New South Wales 2650 (AU).
(74) CARTER SMITH & BEADLE; Qantas House, 2 Railway Parade, P.O. Box 557, Camberwell, Victoria 3124 (AU).
(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)⁷ C12N 1/00, 15/00, 15/24, 15/54, 15/03, 15/02, 15/74, 15/63, C07K 1/00, 15/54, 14/705, 14/715, 16/28, A61K 38/00, 38/44
(11) WO 00/15759 (13) A1
(21) PCT/US99/21048
(22) 15 Sep/sep 1999 (15.09.1999)
(25) en (26) en

(51)⁶ C12N 3/00

- (11) **WO 00/15762** (13) A1
(21) PCT/US99/21095
(22) **14 Sep/sep 1999 (14.09.1999)**
(25) en (26) en
(30) 60/100,342 **14 Sep/sep 1998** US
(14.09.1998)
(30) 09/320,512 **26 May/mai 1999** US
(26.05.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) ● PACKING DEVICE FOR TRANSPORTING CONFLUENT CELL MONOLAYERS
● DISPOSITIF D'EMPILEMENT PERMETTANT DE TRANSPORTER DES COUCHES CELLULAIRES SIMPLIS CONFLUENTES

(71) **NAVICYTE, INC.** [US/US]; 9880 Campus Point Drive, San Diego, CA 92121 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GRASS, George, M.** [US/US]; 1506 Juniper Mountain Road, P.O. Box 1242, Tahoe City, CA 96145 (US).

(74) **POSTNER, Marya, A.**; Cooley Godward LLP, 3000 El Camino Real, Five Palo Alto Square, Palo Alto, CA 94306-2155 (US) et al. / etc.

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

(51)⁷ C12N 5/00, 5/08

- (11) **WO 00/15763** (13) A1
(21) PCT/CH99/00420
(22) **8 Sep/sep 1999 (08.09.1999)**
(25) de (26) de
(30) 1863/98 **14 Sep/sep 1998** CH
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) ● UTILIZATION OF NANOCELLS IN FINAL CULTURE MEDIUM PRODUCTS
● UTILISATION DE NANOCELLULES DANS DES PRODUITS FINIS SOUS FORME DE MILIEUX DE CULTURE

(71) **VESIFACT AG** [CH/CH]; Jöchlerweg 4, CH-6342 Baar (CH).
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(72, 75) **SUPERSAXO, Andreas, Werner** [CH/CH]; Pfisterweg 1, CH-6340 Baar (CH). **WEDER, Marc, Antoine** [CH/CH]; Alte Landstrasse 84B, CH-8803 Rüslikon (CH). **WEDER, Hans, Georg** [CH/CH]; Alte Landstrasse 84B, CH-8803 Rüslikon (CH). **BIESALSKI, Hans, Konrad** [DE/DE]; Johannesstrasse 69, D-70176 Stuttgart (DE).

(74) **HEPP, Dieter** et al. / etc.; Hepp, Wenger & Ryffel AG, Friedtalweg 5, CH-9500 Wil (CH).

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

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(51)⁷ C12N 5/00

- (11) **WO 00/15764** (13) A2
(21) PCT/GB99/03031
(22) **13 Sep/sep 1999 (13.09.1999)**
(25) en (26) en
(30) 9819912.8 **11 Sep/sep 1998** GB
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) ● PROPAGATION AND/OR DERIVATION OF EMBRYONIC STEM CELLS
● PROLIFERATION ET/OU OBTENTION DE CELLULES SOUCHES EMBRYONAIRES

(71) **UNIVERSITY OF EDINBURGH** [GB/GB]; Old College, South Bridge, Edinburgh EH8 9YL (GB).
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(72, 75) **SMITH, Austin, Gerard** [GB/GB]; University of Edinburgh, Centre for Genome Research, The King's Buildings, West Mains Road, Edinburgh EH9 3JQ (GB). **BURDON, Thomas, Grant** [GB/GB]; University of Edinburgh, Centre for Genome Research, The King's Buildings, West Mains Road, Edinburgh EH9 3JQ (GB).

(74) **SCHLICH, George, William** et al. / etc.; Mathys & Squire, 100 Gray's Inn Road, London WC1X 8AL (GB).

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

(51)⁷ C12N 5/00, 5/08, A01N 63/00, A61K 35/37, A61F 13/00

- (11) **WO 00/15765** (13) A1
(21) PCT/US99/20996
(22) **10 Sep/sep 1999 (10.09.1999)**
(25) en (26) en
(30) 09/151,790 **11 Sep/sep 1998** US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) ● ENHANCED SUBMUCOSAL TISSUE GRAFT CONSTRUCTS
● PRODUITS DE CONSTRUCTION AMELIORES DE GREFFE DE TISSU SOUS-MUQUEUX

(71, 72) **BADYLAK, Stephen, F.** [US/US]; 1150 Kingswood Road South, West Lafayette, IN 47906 (US). **LINDBERG, Kristina** [US/US]; 1838 King Elder Drive, West Lafayette, IN 47906 (US).

(74) **LAMMERT, Steven, R.** et al. / etc.; Barnes & Thornburg, 11 South Meridian Street, Indianapolis, IN 46204 (US).

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

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(51)⁶ C12N 5/00, C07D 313/00

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(21) PCT/US99/21312
(22) **15 Sep/sep 1999 (15.09.1999)**
(25) en (26) en
(30) 60/100,479 **16 Sep/sep 1998** US
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) ● TREATMENT OF ONCOLOGIC TUMORS WITH AN INJECTABLE FORMULATION OF A GOLGI APPARATUS DISTURBING AGENT
● TRAITEMENT DES TUMEURS ONCOLOGIQUES PAR FORMULATION INJECTABLE A BASE D'AGENT PERTURBATEUR POUR APPAREIL DE GOLGI

(71) **ONCOPHARMACEUTICAL, INC.** [US/US]; Suite E, 260 Cochrane Circle, Morgan Hill, CA 95037-2803 (US).

(72) **SINGH, Saira, Sayed**; 15875 Wood Acres Road, Los Gatos, CA 95030 (US).

(74) **REED, Dianne, E.** et al. / etc.; Reed & Associates, 3282 Alpine Road, Portola Valley, CA 94028 (US).

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

(51)⁷ C12N 5/06, 5/08, A61K 35/14, 35/28

- (11) **WO 00/15767** (13) A2
(21) PCT/NL99/00575
(22) **15 Sep/sep 1999 (15.09.1999)**
(25) en (26) en
(30) 98203083.5 **15 Sep/sep 1998** EP
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ANTIGEN-PRESENTING CELLS AND THEIR USE IN THERAPY

- CELLULES PRESENTATRICES D'ANTIGENES ET UTILISATION THERAPEUTIQUE CORRESPONDANTE

(71) **UPITHER B.V.** [NL/NL]; Yalelaan 1, NL-3584 CL Utrecht (NL).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **WAUBEN, Marc, Henriette, Michaela** [NL/NL]; Hollywoodlaan 101, NL-1325 HP Almere (NL). **VAN EDEN, Willem** [NL/NL]; Soestdijkseweg 399, NL-3723 HD Bilthoven (NL).(74) **DE BRUIJN, Leendert, C.**; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

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

(51)⁷ C12N 5/10, 15/00, A61K 48/00(11) **WO 00/15768** (13) A1

(21) PCT/US99/20782

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 09/151,612 **11 Sep/sep 1998 US (11.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • IMMUNE ACTIVATION BY DOUBLE-STRANDED POLYNUCLEOTIDES

- ACTIVATION DE SYSTEME IMMUNITAIRE AU MOYEN DE POLYNUCLEOTIDES BICATENAIRES

(71, 72) **KOHN, Leonard, D.** [US/US]; 9630 Parkwood Drive, Bethesda, MD 20814 (US). **SUZUKI, Koichi** [JP/US]; Apartment 914, 4801 Fairmont Avenue, Bethesda, MD 20814 (US). **MORI, Atsumi** [JP/US]; Apartment 914, 4801 Fairmont Avenue, Bethesda, MD 20814 (US). **IISHI, Ken** [US/US]; 257 Congressional Lane, Rockville, MD 20852 (US). **KLINMAN, Dennis, M.** [US/US]; 2 Candle Light Court, Patomac, MD 20854 (US). **RICE, John, M.** [US/US]; 5465 Creek Bend Drive, West Chester, OH 45069 (US).(74) **NORTON, Gerard, P.**; Rogers & Wells LLP, 200 Park Avenue, New York, NY 10166 (US).

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

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(51)⁷ C12N 9/00, C07H 21/04, C07K 14/315(11) **WO 00/15769** (13) A1

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(22) **2 Sep/sep 1999 (02.09.1999)**

(25) en (26) en

(30) 09/153,277 **15 Sep/sep 1998 US (15.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • TOPA
- TOPA

(71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US).(72) **KALLENDER, Howard**; 1220 Bill Smith Boulevard, King of Prussia, PA 19406 (US). **GWYNN, Michael**; 1011 Country Way, Chester Springs, PA 19426 (US). **SYLVESTER, Daniel**; 3880 Johnny Circle, Collegeville, PA 19406 (US). **KATZ, Lisa**; 6 East Park Road, Newtown, PA 18940 (US). **WARREN, Richard, L.**; 825 Cathcart Road, Blue Bell, PA 19422 (US). **TRAINI, Christopher, M.**; 50 Potter Court, Media, PA 19063 (US).(74) **BLOOM, Allen**; Dechert Price & Rhoads, 4000 Bell Atlantic Tower, 1717 Arch Street, Philadelphia, PA 19103 (US).

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

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(51)⁷ C12N 9/00(11) **WO 00/15770** (13) A2

(21) PCT/US99/21595

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) en (26) en

(30) 09/153,939 **16 Sep/sep 1998 US (16.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • SERINE/THREONINE PROTEIN KINASES
- SERINE/THREONINE PROTEINES-KINASES

(63) US 09/153,939 (CIP)
16 Sep/sep 1998 (16.09.1998)(71) **INCYTE PHARMACEUTICALS, INC.** [US/US]; 3174 Porter Drive, Palo Alto, CA 94304 (US).

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(72, 75) **BANDMAN, Olga** [US/US]; 366 Anna Avenue, Mountain View, CA 94043 (US). **TANG, Y., Tom** [CN/US]; 4230 Ranwick Court, San Jose, CA 95118 (US). **GOLI, Surya, K.** [IN/US]; 3311 Cantamar Court, San Jose, CA 95135 (US). **CORLEY, Neil, C.** [US/US]; 1240 Dale Avenue, #30, Mountain View, CA 94040 (US). **GUEGLER, Karl, J.** [CH/US]; 1048 Oakland Avenue, Menlo Park, CA 94025 (US). **GORGONE, Gina, A.** [US/US]; 1253 Pinecrest Drive, Boulder Creek, CA 95006 (US). **HILLMAN, Jennifer, L.** [US/US]; 230 Monroe Drive, #12, Mountain View, CA 94040 (US).(74) **BILLINGS, Lucy, J.** et al. / etc.; Incyte Pharmaceuticals, Inc., 3174 Porter Drive, Palo Alto, CA 94304 (US).

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

(51)⁷ C12N 9/02, 15/00, 1/20, 15/53, C12P 1/00, C07H 21/04(11) **WO 00/15771** (13) A1

(21) PCT/US99/19893

(22) **27 Aug/août 1999 (27.08.1999)**

(25) en (26) en

(30) 09/151,189 **10 Sep/sep 1998 US (10.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • RECOMBINANT VANADIUM HALOPEROXIDASES AND THEIR USES

- HALOPEROXYDASES DE VANADIUM RECOMBINANTES ET LEURS UTILISATIONS

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 12th floor, 1111 Franklin Street, Oakland, CA 94607-5200 (US).(72) **VREELAND, Valerie**; 1427 Edith Street, Berkeley, CA 94703 (US). **NG, Kwan, L.**; 5385 Broadway, #201, Oakland, CA 94618 (US).(74) **BERLINER, Robert**; Fulbright & Jaworski L.L.P., 29th floor, 865 S. Figueroa Street, Los Angeles, CA 90017-2576 (US).

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

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(51)⁷ C12N 15/00(11) **WO 00/15772** (13) A2

(21) PCT/IB99/01609

(22) 16 Sep/sep 1999 (16.09.1999)

(25) en (26) en

(30) 60/100,540 16 Sep/sep 1998 US
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● RECOMBINANT PROTEIN PRODUCTION IN URINE
● PRODUCTION DE PROTEINES RECOMBINANTES DANS L'URINE

(71) NEXIA BIOTECHNOLOGIES, INC. [CA/CA]; 21, 025 Trans-Canada Highway, Ste-Anne de Bellevue, Quebec H9X 3R2 (CA).

(72) KARATZAS, Costas, N.; 21 Sherwood, Beaconsfield, Quebec H9W 2H4 (CA).

(74) MBM & CO.; P.O. Box 809, Station B, Ottawa, Ontario K1P 5P9 (CA).

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

(51)⁷ C12N 15/00

(11) WO 00/15773 (13) A2

(21) PCT/US99/20489

(22) 10 Sep/sep 1999 (10.09.1999)

(25) en (26) en

(30) 60/099,854 11 Sep/sep 1998 US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● INHIBITION OF ONCOGENE TRANSCRIPTION BY SYNTHETIC POLY-AMIDES
● INHIBITION DE TRANSCRIPTION D'ONCOGENES PAR DES POLY-AMIDES SYNTHETIQUES

(71) CALIFORNIA INSTITUTE OF TECHNOLOGY [US/US]; 1200 E. California Boulevard, M.S. 16-30, Pasadena, CA 91125 (US).

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(72, 75) DERVAN, Peter, B. [US/US]; California Institute of Technology, 1200 E. California Boulevard, M.S. 16-30, Pasadena, CA 91125 (US).

(74) BERKMAN, Charles, S. et al. / etc.; Lyon & Lyon LLP, Suite 4700, 633 West Fifth Street, Los Angeles, CA 90071-2066 (US).

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

(51)⁷ C12N 15/00, 15/12, C07K 14/00, 14/435

(11) WO 00/15774 (13) A1

(21) PCT/US99/21077

(22) 13 Sep/sep 1999 (13.09.1999)

(25) en (26) en

(30) 60/100,172 14 Sep/sep 1998 US
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● USEFUL PROPERTIES OF A BEE VENOM PROTEIN AND GENE ENCODING SAME

● PROPRIETES UTILES D'UNE PROTEINE DU VENIN D'ABEILLE DOMESTIQUE ET GENE CODANT POUR CETTE PROTEINE

(71) PAN PACIFIC PHARMACEUTICALS, INC. [US/US]; 4040 Campbell Avenue, Menlo Park, CA 94025 (US).

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(72, 75) CUI, Xiangmin [CN/US]; 20739 Celeste Circle, Cupertino, CA 95014 (US). LU, Yuefeng [CN/US]; Apartment #7, 540 Elm Street, San Carlos, CA 94070 (US).

(74) AUSENHUS, Scott, L. et al. / etc.; Townsend & Townsend & Crew LLP, 8th Floor, Two Embarcadero Center, San Francisco, CA 94111-3834 (US).

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

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(51)⁶ C12N 15/00, 5/00, 9/22, 1/20, C12Q 1/68, C07H 21/04, 21/02

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(21) PCT/US99/21644

(22) 17 Sep/sep 1999 (17.09.1999)

(25) en (26) en

(30) 09/156,145 17 Sep/sep 1998 US
(17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● RNASE P POLYPEPTIDES

● POLYPEPTIDES RNASE P

(71) SMITHKLINE BEECHAM CORPORATION [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US). SMITHKLINE BEECHAM, PLC [GB/GB]; One New Horizons Court, Brentford, Middlesex TW8 9EP (GB).

(72) GUTH, Sabine; Siedlung 10, D-3626 Heringen (DE). JENNINGS, Joanne; Singleton, Station Road, Staplehurst, Kent TN12 0QG (GB). PRESCOTT, Catherine, D.; 6 Eden Street, Cambridge CB1 1EL (GB). HEGG, Lisa, A.; 554 Tanglewood Lane, Devon, PA 19333 (US). LI, Hu; Apartment G-301, 74 E. 5th Avenue, Collegeville, PA 19426 (US).

(74) BLOOM, Allen; Dechert Price & Rhoads, 4000 Bell Atlantic Tower, 1717 Arch Street, Philadelphia, PA 19103 (US).

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

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(51)⁶ C12N 15/10, C12Q 1/68, C12P 19/34

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(25) en (26) en

(30) 60/099,715 10 Sep/sep 1998 US
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● PRODUCT AND METHOD FOR SEPARATION OF A SAMPLE CONTAINING MULTIPLE SOURCES OF GENETIC MATERIAL USING A SOLID MEDIUM

● PRODUIT ET METHODE DE SEPARATION D'UN ECHANTILLON CONTENANT DES SOURCES MULTIPLES DE MATERIEL GENETIQUE UTILISANT UN MILIEU SOLIDE

(71) FLINDERS TECHNOLOGIES PTY. LTD. [AU/AU]; Bedford Park, S.A. 5042 (AU).

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(72, 75) BURGOYNE, Leigh, Alexander [AU/AU]; 18 Broughton Street, Mitcham, S.A. 5062 (AU).

(74) SLATTERY, John, M. et al. / etc.; Davies Collison Cave, 1 Little Collins Street, Melbourne, VIC 3000 (AU).

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

(51)⁷ C12N 15/10, 15/12, C07K 14/47, C12Q 1/68, G01N 33/68

(11) WO 00/15777 (13) A1

(21) PCT/GB99/03081

(22) 14 Sep/sep 1999 (14.09.1999)

(25) en (26) en

(30) 98307434.5 14 Sep/sep 1998 EP
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● GENE AND PROTEIN LIBRARIES AND METHODS RELATING THERETO

- BIBLIOTHEQUES DE GENES ET DE PROTEINES, ET PROCEDES S'Y RAPPORTANT
- (71) **ASTON UNIVERSITY** [GB/GB]; Aston Triangle, Birmingham, West Midlands B4 7ET (GB). **AMERSHAM PHARMACIA BIOTECH UK LIMITED** [GB/GB]; Amersham Place, Little Chalfont, Buckinghamshire HP7 9NA (GB).
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- (72, 75) **HINE, Anna, Victoria** [GB/GB]; Bracebridge House, 139 Chester Road South, Kiddeminster, Worcestershire DY10 1XB (GB). **MORGAN, Leonie, Jane** [GB/GB]; 197 Litchfield Street, Fazely Tamworth, Staffordshire B78 3QF (GB). **SANTOS, Albert, Francis** [GB/GB]; Llwyncelyn, Cefn Bychan, Pentyrch, Cardiff, Mid Glamorgan CF15 9PG (GB). **PALFREY, David** [GB/GB]; 110 George Street, New Arley, Nuneaton, Warwickshire CV7 8GP (GB).
- (74) **PENNANT, Piers** et al. / etc.; Stevens Hewlett & Perkins, 1 Serjeants' Inn, Fleet Street, London, Greater London EC4Y 1NT (GB).
- (81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)⁷ **C12N 15/10, B01J 20/28, B01D 15/08**
- (11) **WO 00/15778** (13) A1
- (21) PCT/US99/20596
- (22) **8 Sep/sep 1999 (08.09.1999)**
- (25) en (26) en
- (30) 09/154,529 **16 Sep/sep 1998 US (16.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **MONOLITHIC MATRIX FOR SEPARATING NUCLEIC ACIDS BY REVERSE-PHASE ION-PAIR HIGH PERFORMANCE LIQUID CHROMATOGRAPHY**
- **MATRICE MONOLITHIQUE PERMETTANT LA SEPARATION D'ACIDES NUCLEIQUES PAR CHROMATOGRAPHIE LIQUIDE HAUTE PERFORMANCE AVEC FORMATION DE PAIRES D'IONS ET EN PHASE INVERSE**
- (71) **VARIAN, INC.** [US/US]; 3120 Hansen Way, D-102, Palo Alto, CA 94304 (US).
- (72) **HATCH, Richard**; 1254 Burnett Street, Berkeley, CA 94702 (US).
- (74) **FISHMAN, Bella** et al. / etc.; Varian, Inc., Legal Dept., 3120 Hansen Way, D-102, Palo Alto, CA 94304 (US).
- (81) CA CN JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **C12N 15/10, C12Q 1/68**
- (11) **WO 00/15779** (13) A2
- (21) PCT/US99/21291
- (22) **15 Sep/sep 1999 (15.09.1999)**
- (25) en (26) en
- (30) 60/100,327 **15 Sep/sep 1998 US (15.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **MOLECULAR CLONING USING ROLLING CIRCLE AMPLIFICATION**
- **CLONAGE MOLECULAIRE A AMPLIFICATION SELON LE MODELE DU CERCLE ROULANT**
- (71) **YALE UNIVERSITY** [US/US]; 451 College Street, New Haven, CT 06511 (US).
- (72) **LIZARDI, Paul, M.**; 350 Mountain Road, Hamden, CT 06514 (US).
- (74) **PABST, Patrea, L.** et al. / etc.; Arnall Golden & Gregory, LLP, 2800 One Atlantic Center, 1201 West Peachtree Street, Atlanta, GA 30309-3450 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C12N 15/11, A61K 31/70, C12Q 1/68**
- (11) **WO 00/15780** (13) A1
- (21) PCT/GB99/03047
- (22) **14 Sep/sep 1999 (14.09.1999)**
- (25) en (26) en
- (30) 9819999.5 **14 Sep/sep 1998 GB (14.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **INHIBITOR OF BRN-3B AND ITS USE FOR THE TREATMENT OF BREAST AND OVARIAN CANCER**
- **INHIBITEUR DU BRN-3B ET SON UTILISATION DANS LE TRAITEMENT CONTRE LE CANCER DU SEIN ET LE CANCER DES OVAIRES**
- (71) **UNIVERSITY COLLEGE LONDON** [GB/GB]; Gower Street, London WC1E 6BT (GB).
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- (72, 75) **LATCHMAN, David, Seymour** [GB/GB]; UCL Medical School, Division of Pathology, Dept. of Molecular Pathology, The Windeyer Building, 46 Cleveland Street, London W1P 6DP (GB). **BUDHRAM-MAHADEO, Vishwanie** [GB/GB]; UCL Medical School, Division of Pathology, Dept. of Molecular Pathology, The Windeyer Building, 46 Cleveland Street, London W1P 6DP (GB). **NDISANG, Daniel** [CM/GB]; UCL Medical School, Division of Pathology, Dept. of Pathology, The Windeyer Building, 46 Cleveland Street, London W1P 6DP (GB).
- (74) **WOODS, Geoffrey, Corlett**; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5LX (GB).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **C12N 15/11, 15/63, 15/85, C07K 14/00, 16/00, A61K 48/00, 35/00, 38/00, 39/395, A01K 67/00**
- (11) **WO 00/15781** (13) A1
- (21) PCT/US99/20638
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 60/099,936 **11 Sep/sep 1998 US (11.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **ANTAGONISTS OF FIBROBLAST GROWTH FACTOR**
- **ANTAGONISTES DU FACTEUR DE CROISSANCE DES FIBROBLASTES**
- (71) **ELI LILLY AND COMPANY** [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).
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- (72, 75) **EDMONDS, Brian, T.** [US/US]; 12990 Brighton Lane, Carmel, IN 46032 (US).
- (74) **BENT, Stephen, A.**; Foley & Lardner, Suite 500, 3000 K Street, N.W., Washington, DC 20007-5109 (US) et al. / etc.
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C12N 15/11, 15/12**
- (11) **WO 00/15782** (13) A1
- (21) PCT/US99/20942
- (22) **13 Sep/sep 1999 (13.09.1999)**
- (25) en (26) en
- (30) 60/100,285 **14 Sep/sep 1998 US (14.09.1998)**

- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • RIBOSOMAL FRAMESHIFT TARGETS
• CIBLES A DEPHASAGE RIBOSOMIQUE
- (71) **UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY** [US/US]; 335 George Street, P.O. Box 2688, New Brunswick, NJ 08903 (US).
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- (72, 75) **DINMAN, Jonathan, D.** [US/US]; 33 Princess Drive, North Brunswick, NJ 08902 (US). **PELTZ, Stuart, W.** [US/US]; 67 Castle Pointe Boulevard, Piscataway, NJ 08854 (US).
- (74) **COPPOLA, William, C.** et al. / etc.; Gibbons, Del Deo, Dolan, Griffinger & Vecchione, One Riverfront Plaza, Newark, NJ 07102-5497 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (30) 199 12 049.8 **18 Mar/mar 1999** DE (18.03.1999)
- (30) 199 14 229.7 **29 Mar/mar 1999** DE (29.03.1999)
- (30) 199 19 989.2 **30 Apr/avr 1999** DE (30.04.1999)
- (30) 199 23 539.2 **21 May/mai 1999** DE (21.05.1999)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • GENE MODIFICATION IN THE GENE FOR THE DIE G β 3-SUB-UNIT OF HUMAN G-PROTEIN
• MODIFICATION GENIQUE DANS LE GENE DE LA SOUS-UNITE G β 3 DE LA PROTEINE G HUMAINE
- (71, 72) **SIFFERT, Winfried** [DE/DE]; Schönleinstrasse 49, D-45147 Essen (DE).
- (74) **COHAUSZ & FLORACK**; Kanzlerstrasse 8a, D-40472 Düsseldorf (DE).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)⁷ **C12N 15/12, C07K 14/705, 16/28, G01N 33/68, A61K 38/17, A01K 67/027, A61K 49/00**
- (11) **WO 00/15784** (13) A2
- (21) PCT/DE99/02871
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) de (26) de
- (30) 198 43 240.2 **11 Sep/sep 1998** DE (11.09.1998)
- (30) 198 46 979.9 **13 Oct/oct 1998** DE (13.10.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • HUMAN AND MURINE G-PROTEIN-COUPLED EDG6 RECEPTOR (ENDOTHELIAL DIFFERENTIATION GENE) AND USE OF SAME
• RECEPTEUR EDG6 (GENE DE DIFFERENTIATION DE CELLULES ENDOTHELIALES) HUMAIN ET MURIN COUPLE A DES PROTEINES G ET SON UTILISATION
- (71) **MAX-DELBÜCK-CENTRUM FÜR MOLEKULARE MEDIZIN** [DE/DE]; Robert-Rössle-Strasse 10, D-13125 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GRÄLER, Markus** [DE/DE]; Genthiner Strasse 30b, D-10785 Berlin (DE). **BERNHARDT, Günter** [DE/DE]; Börnestrassen 38, D-13086 Berlin (DE). **LIPP, Martin** [DE/DE]; Tulpenstrasse 31, D-16548 Glienicke (DE).
- (74) **BAUMBACH, Fritz**; BioTez Berlin-Buch GmbH, Patentstelle, Robert-Rössle-Strasse 10, D-13125 Berlin (DE).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- (51)⁷ **C12N 15/11, A61K 31/7125 // A61P 9/12**
- (11) **WO 00/15783** (13) A2
- (21) PCT/US99/21007
- (22) **14 Sep/sep 1999 (14.09.1999)**
- (25) en (26) en
- (30) 09/152,717 **14 Sep/sep 1998** US (14.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS TARGETED TO β_1 -ADRENOCEPTOR-SPECIFIC mRNA AND METHODS OF USE
• COMPOSITIONS D'OLIGONUCLEOTIDES ANTISENS DIRIGES SUR LES ARNM SPECIFIQUES AUX BETA $_1$ -ADRENORECEPTEURS ET PROCEDES D'UTILISATION CORRESPONDANTS
- (71) **UNIVERSITY OF FLORIDA** [US/US]; Office of Technology Licensing, 1938 W. University Avenue, Gainesville, FL 32603 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PHILLIPS, M., Ian** [US/US]; 621 S.W. 23rd Place, Gainesville, FL 32601 (US). **ZHANG, Yuan** [CN/US]; 297-5 Diamond Village, Gainesville, FL 32603 (US).
- (74) **MOORE, Mark, D.**; Williams, Morgan & Amerson, P.C., 7676 Hillmont, Suite 250, Houston, TX 77040 (US).
- (51)⁷ **C12N 15/12, C07K 14/47, C12Q 1/68, C12N 15/11, A61K 31/70, 48/00, C07K 16/18, G01N 33/50, A01K 67/027**
- (11) **WO 00/15785** (13) A2
- (21) PCT/EP99/06534
- (22) **6 Sep/sep 1999 (06.09.1999)**
- (25) de (26) de
- (30) 198 41 299.1 **10 Sep/sep 1998** DE (10.09.1998)
- (30) 199 04 825.8 **5 Feb/fév 1999** DE (05.02.1999)
- (30) 199 12 049.8 **18 Mar/mar 1999** DE (18.03.1999)
- (30) 199 14 229.7 **29 Mar/mar 1999** DE (29.03.1999)
- (30) 199 19 989.2 **30 Apr/avr 1999** DE (30.04.1999)
- (30) 199 23 539.2 **21 May/mai 1999** DE (21.05.1999)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • GENE MODIFICATION IN THE GENE FOR THE DIE G β 3-SUB-UNIT OF HUMAN G-PROTEIN
• MODIFICATION GENIQUE DANS LE GENE DE LA SOUS-UNITE G β 3 DE LA PROTEINE G HUMAINE
- (71, 72) **SIFFERT, Winfried** [DE/DE]; Schönleinstrasse 49, D-45147 Essen (DE).
- (74) **COHAUSZ & FLORACK**; Kanzlerstrasse 8a, D-40472 Düsseldorf (DE).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)⁷ **C12N 15/12, C07K 14/705, 16/28, C12Q 1/68, G01N 33/50, 33/566, A61K 48/00, A01K 67/027**
- (11) **WO 00/15786** (13) A1
- (21) PCT/EP99/06742
- (22) **11 Sep/sep 1999 (11.09.1999)**
- (25) de (26) de
- (30) 198 41 941.4 **14 Sep/sep 1998** DE (14.09.1998)
- (30) 198 56 066.4 **4 Dec/déc 1998** DE (04.12.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METABOTROPIC GABA RECEPTOR COMPLEX ISSUED FROM THE CENTRAL NERVOUS SYSTEM
• COMPLEXE RECEPTEUR-GABA METABOTROPE ISSU DU SYSTEME NERVEUX CENTRAL
- (71) **BASF-LYNX BIOSCIENCE AG** [DE/DE]; Im Neuenheimer Feld 515, D-69120 Heidelberg (DE).
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- (72, 75) **KORNAU, Hans-Christian** [DE/DE]; Bahnhofstrasse 23, D-69115 Heidelberg (DE). **EISENHARDT, Gisela** [DE/DE]; Emmertsgrundpassage 33, D-69126 Heidelberg (DE). **KUNER, Rohini** [IN/DE]; Turnerstrasse 50, D-69126 Heidelberg (DE). **HIRSCHFELD, Kirsten** [DE/DE]; In den Fenschenbäumen 26, D-69198 Schriesheim (DE).

- (74) **KARG, Jochen**; BASF Aktiengesellschaft, D-67056 Ludwigshafen (DE).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ C12N 15/12, C07K 14/47, C12N 15/63, C07K 16/18, C12Q 1/68, A61K 38/17, 48/00
- (11) **WO 00/15787** (13) A1
- (21) PCT/GB99/03019
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 9803069-5 **10 Sep/sep 1998** SE
(10.09.1998)
- (30) 60/100,873 **17 Sep/sep 1998** US
(17.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • GENES ENCODING FOR THE HUMAN AND MURINE DEATH INDUCER-OBLITERATOR-1
• GENES CODANT POUR L'ANNULATEUR-INDUCTEUR-1 DE MORT CELLULAIRE D'ORIGINE HUMAINE OU MURINE
- (71) **CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS** [ES/ES]; Serrano, 117, E-28006 Madrid (ES). **BANNERMAN, David, Gardner** [GB/GB]; Withers & Rogers, Goldings House, 2 Hays Lane, London SE1 2HE (GB).
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- (72, 75) **ALONSO, Carlos Martinez** [ES/ES]; Valle de la Fuenfria, 6, E-28034 Madrid (ES). **DOMINGO, David Garcia** [ES/ES]; Zabaleta, 45, E-28002 Madrid (ES). **GRANDIEN, Alf** [SE/SE]; Tavastgatan, 29C, S-118 24 Stockholm (SE). **LEONARDO, Esther** [ES/ES]; Comandante Zorita, 32, 6-3, E-28006 Madrid (ES). **MARTINEZ, Pedro** [ES/ES]; Herreros de Tejada, 16, 2 C, E-28016 Madrid (ES).
- (74) **BANNERMAN, D., G.** et al. / etc.; Withers & Rogers, Goldings House, 2 Hays Lane, London SE1 2HW (GB).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ C12N 15/12, 15/62, C07K 14/47, 14/475, C12Q 1/68, A61K 38/17, 38/18
- (11) **WO 00/15788** (13) A2
- (21) PCT/IL99/00485
- (22) **8 Sep/sep 1999 (08.09.1999)**
- (25) en (26) en
- (30) 126181 **11 Sep/sep 1998** IL
(11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • DNA SEQUENCE ENCODING ONCOFETAL FERRITIN PROTEIN
• SEQUENCE D'ADN CODANT POUR LA PROTEINE ONCOFOETALE FERRITINE
- (71) **GARDINO INVESTMENT N.V.** [NL/NL]; 201 Caracas Baaiweg, Curacao (AN).
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- (72, 75) **MOROZ, Chaya** [IL/IL]; Yehuda Hanasi 40, 69393 Tel-Aviv (IL).
- (74) **REINHOLD COHN AND PARTNERS**; P.O. Box 4060, 61040 Tel-Aviv (IL).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)⁷ C12N 15/12, C07K 14/435
- (11) **WO 00/15789** (13) A1
- (21) PCT/US99/20463
- (22) **7 Sep/sep 1999 (07.09.1999)**
- (25) en (26) en
- (30) 09/149,973 **9 Sep/sep 1998** US
(09.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • RECOMBINANT BIOADHESIVE PROTEIN ANALOGS COMPRISING HYDROXYPROLINE
• ANALOGUES RECOMBINANTS DE PROTEINES BIOADHESIVES CONTENANT DE L'HYDROXYPROLINE
- (71) **UNITED STATES SURGICAL CORPORATION** [US/US]; 150 Glover Avenue, Norwalk, CT 06856 (US).
- (72) **PAOLELLA, David, N.**; 166 Route 81 # A, Killingworth, CT 06419 (US). **GRUSKIN, Elliott, A.**; 23 Beach Tree Ridge, Killingworth, CT 06419 (US). **BUECHTER, Douglas, D.**; 333 Orchard Street, Wallingford, CT 06492 (US).
- (74) **FARBER, Mark**; United States Surgical Corporation, 150 Glover Avenue, Norwalk, CT 06856 (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 CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
- (51)⁷ C12N 15/12, C07K 14/47, C12N 9/10, C07K 16/18, 16/40, G01N 33/53, C12Q 1/68, A61K 38/17, 38/22
- (11) **WO 00/15790** (13) A2
- (21) PCT/US99/20497
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 09/150,857 **10 Sep/sep 1998** US
(10.09.1998)
- (30) 60/106,378 **29 Oct/oct 1998** US
(29.10.1998)
- (30) 09/195,896 **19 Nov/nov 1998** US
(19.11.1998)
- (30) 09/292,228 **15 Apr/avr 1999** US
(15.04.1999)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • LEPTIN INDUCED GENES
• GENES INDUITS PAR LA LEPTINE
- (71) **MILLENNIUM PHARMACEUTICALS, INC.** [US/US]; 640 Memorial Drive, Cambridge, MA 02139 (US).
- (72) **WHITE, David**; 393 Pine Street, Holbrook, MA 02343 (US). **ZHOU, Jianghong**; 34 Gerry Road, Chestnut Hill, MA 02467 (US). **TARTAGLIA, Louis, A.**; Apartment 6, 104 Coolidge Hill Road, Watertown, MA 02172 (US).
- (74) **MEIKLEJOHN, Anita, L.**; Fish & Richardson, P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)⁷ C12N 15/12, 15/82, 5/10, C07K 14/72, A01H 5/00, 5/10, C07K 14/435
- (11) **WO 00/15791** (13) A2
- (21) PCT/US99/20715
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 60/099,793 **10 Sep/sep 1998** US
(10.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)

(54) ● ECDYSONE RECEPTORS AND METHODS FOR THEIR USE

● RECEPTEURS DE L'ECDYSONE ET PROCÉDES D'UTILISATION DESDITS RECEPTEURS

(71) **PIONEER HI-BRED INTERNATIONAL, INC.** [US/US]; 800 Capital Square, 400 Locust Street, Des Moines, IA 50319 (US).

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(72, 75) **ALBERTSEN, Marc, C.** [US/US]; 10197 N.W. 74th Avenue, Grimes, IA 50111 (US). **BROOKE, Catherine, D.** [US/US]; 6017 Greywood Circle, Johnston, IA 50131 (US). **GARNAAT, Carl, W.** [US/US]; 401 N.E. Innsbruck Drive, Ankeny, IA 50021 (US). **ROTH, Bradley, Allen** [US/US]; 7425 Hickory Lane, Urbandale, IA 50322 (US).

(74) **SPRULL, W., Murray** et al. / etc.; Alston & Bird LLP, P.O. Drawer 34009, Charlotte, NC 28234-4009 (US).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C12N 15/12, C07K 14/47, A61K 38/17, G01N 33/50, C12Q 1/68, C07K 16/18, A61K 31/70

(11) **WO 00/15792** (13) A2

(21) PCT/US99/20944

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) 60/100,262 **14 Sep/sep 1998** US (14.09.1998)

(30) PCT/US98/19177 **14 Sep/sep 1998** US (14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● PROMOTION OR INHIBITION OF ANGIOGENESIS AND CARDIOVASCULARIZATION

● PROMOTION OU INHIBITION D'ANGIOGENESE ET DE CARDIOVASCULARISATION

(71) **GENENTECH, INC.** [US/US]; 1 DNA Way, South San Francisco, CA 94080-4990 (US).

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(72, 75) **FONG, Sherman** [US/US]; 19 Bainside Way, Alameda, CA 94502 (US). **GERRITSEN, Mary, E.** [CA/US]; 541 Parrott Drive, San Mateo, CA 94402 (US). **GODDARD, Audrey** [CA/US]; 110 Congo Street, San Francisco, CA 94131 (US). **GURNEY, Austin, L.** [US/US]; 1 Debbie Lane, Belmont, CA 94002 (US). **HILLAN, Kenneth, J.** [GB/US]; 64 Seward Street, San Francisco, CA 94114 (US). **WILLIAMS, P., Mickey** [US/US]; 509 Alto Avenue, Half Moon Bay, CA 94019 (US). **WOOD, William, I.** [US/US]; 35 Southdown Court, Hillsborough, CA 94010 (US).

(74) **BARNES, Elizabeth, M.** et al. / etc.; Genentech, Inc., 1 DNA Way, South San Francisco, CA 94080-4990 (US).

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

(51)⁷ C12N 15/12, C07K 14/705, C12Q 1/68, A61K 38/17, C07K 16/28, 14/72

(11) **WO 00/15793** (13) A2

(21) PCT/US99/20958

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) en (26) en

(30) 09/156,513 **17 Sep/sep 1998** US (17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● HUMAN GPCR PROTEINS
● PROTEINES GPCR HUMAINES

(63) US 09/156,513 (CIP)
17 Sep/sep 1998 (17.09.1998)

(71) **INCYTE PHARMACEUTICALS, INC.** [US/US]; 3174 Porter Drive, Palo Alto, CA 94304 (US).
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(72, 75) **BANDMAN, Olga** [US/US]; 366 Anna Avenue, Mountain View, CA 94043 (US). **LAL, Preeti** [IN/US]; 2382 Lass Drive, Santa Clara, CA 95054 (US). **TANG, Y., Tom** [CN/US]; 4230 Ranwick Court, San Jose, CA 95118 (US). **CORLEY, Neil, C.** [US/US]; 1240 Dale Avenue #30, Mountain View, CA 94040 (US). **GUEGLER, Karl, J.** [CH/US]; 1048 Oakland Avenue, Menlo Park, CA 94025 (US). **GORGONE, Gina, A.** [US/US]; 1253 Pinecrest Drive, San Francisco, CA 94132 (US). **BAUGHN, Mariah, R.** [US/US]; 14244 Santiago Road, San Leandro, CA 94577 (US).

(74) **BILLINGS, Lucy, J.** et al. / etc.; Incyte Pharmaceuticals, Inc., 3174 Porter Drive, Palo Alto, CA 94304 (US).

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

(51)⁷ C12N 15/12, C07K 14/47, C12N 15/63, C07K 16/18, A61K 38/17, C12Q 1/68

(11) **WO 00/15794** (13) A1

(21) PCT/US99/20988

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) en (26) en

(30) 09/151,611 **11 Sep/sep 1998** US (11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● HUMAN CELL JUNCTION PDZ PROTEIN
● PROTEINE PDZ HUMAINE DE JONCTION DE CELLULE

(63) US 09/151,611 (CIP)
11 Sep/sep 1998 (11.09.1998)

(71) **INCYTE PHARMACEUTICALS, INC.** [US/US]; 3174 Porter Drive, Palo Alto, CA 94304 (US).
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(72, 75) **YUE, Henry** [US/US]; 826 Lois Avenue, Sunnyvale, CA 94087 (US). **AU-YOUNG, Janice** [US/US]; 1419 Kains Avenue, Mountain View, CA 94702 (US). **PATERSON, Chandra** [US/US]; 490 Sherwood Way #1, Menlo Park, CA 94025 (US).

(74) **BILLINGS, Lucy, J.** et al. / etc.; Incyte Pharmaceuticals, Inc., 3174 Porter Drive, Palo Alto, CA 94304 (US).

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

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(51)⁷ C12N 15/12, C07K 14/47, C12Q 1/68, A61K 31/70, 48/00

(11) **WO 00/15795** (13) A2

(21) PCT/US99/20992

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 60/100,123 **14 Sep/sep 1998** US (14.09.1998)

- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • GENES FROM HUMAN CHROMOSOME 11P15.5
• GENES DE CHROMOSOME HUMAIN 11P15.5
- (63) US 60/100,123 (CON)
14 Sep/sep 1998 (14.09.1998)
- (71) **THE JOHNS HOPKINS UNIVERSITY** [US/US]; Suite 906, 111 Market Place, Baltimore, MD 21202 (US).
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- (72, 75) **FEINBERG, Andrew, P.** [US/US]; 15 Westspring Way, Lutherville, MD 21093 (US). **LEE, Maxwell, P.** [US/US]; 8562 Harvest View Court, Ellicott City, MD 21043 (US).
- (74) **KAGAN, Sarah, A.** et al. / etc.; Banner & Witcoff, Ltd., 11th floor, 1001 G Street, N.W., Washington, DC 20001-4597 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C12N 15/12, C07K 14/47, C12N 15/62, C07K 16/18**
- (11) **WO 00/15796** (13) A2
- (21) PCT/US99/21090
- (22) **15 Sep/sep 1999 (15.09.1999)**
- (25) en (26) en
- (30) PCT/US98/19330 **16 Sep/sep 1998 (16.09.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
• POLYPEPTIDES SECRETES ET TRANSMEMBRANAIRES ET ACIDES NUCLEIQUES CODANT POUR CES POLYPEPTIDES
- (71) **GENENTECH, INC.** [US/US]; 1 DNA Way, South San Francisco, CA 94080-4990 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CHEN, Jian** [CN/US]; 121 York Drive, Princeton, NJ 08540 (US). **GODDARD, Audrey** [CA/US]; 110 Congo Street, San Francisco, CA 94131 (US). **GURNEY, Austin, L.** [US/US]; 1 Debbie Lane, Belmont, CA 94002 (US). **HILLAN, Kenneth** [GB/US]; 64 Seward Street, San Francisco, CA 94114 (US). **PENNICA, Diane** [US/US]; 2417 Hale Drive, Burlingame, CA 94010 (US). **WOOD, William, I.** [US/US]; 35 Southdown Court, Hillsborough, CA 94010 (US). **YUAN, Jean** [CN/US]; 176 West 37th Avenue, San Mateo, CA 94003 (US).
- (74) **KRESNAK, Mark, T.** et al. / etc.; Genentech Inc., 1 DNA Way, South San Francisco, CA 94080-4990 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **C12N 15/12, C07K 14/495, 16/22, 16/42**
- (11) **WO 00/15798** (13) A2
- (21) PCT/US99/21677
- (22) **17 Sep/sep 1999 (17.09.1999)**
- (25) en (26) en
- (30) 09/154,817 **17 Sep/sep 1998 (17.09.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • MAMMALIAN TRANSFORMING GROWTH FACTOR BETA - 9 (ZTGFSS9)
• FACTEUR DE CROISSANCE TRANSFORMANT BETA - 9 MAMMALIENS (ZTGFSS9)
- (71) **ZYMOGENETICS, INC.** [US/US]; 1201 Eastlake Avenue East, Seattle, WA 98102 (US).
- (72) **PRESNELL, Scott, R.**; 2902 N. Puget Sound Avenue, Tacoma, WA 98407 (US). **TAFT, David, W.**; Apartment C, 264 E. Newton Street, Seattle, WA 98102 (US). **FOLEY, Kevin, P.**; 605 Boylston Avenue East #206, Seattle, WA 98102 (US).
- (74) **LUNN, Paul, G.**; ZymoGenetics, Inc., 1201 Eastlake Avenue East, Seattle, WA 98102 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C12N 15/12, 5/10, 1/21, C07K 14/47, 16/18, A61K 38/17, C12Q 1/68**
- (11) **WO 00/15799** (13) A2
- (21) PCT/US99/21688
- (22) **17 Sep/sep 1999 (17.09.1999)**
- (25) en (26) en
- (30) 60/155,246 **17 Sep/sep 1998 (17.09.1998)** US
- (30) 09/158,720 **22 Sep/sep 1998 (22.09.1998)** US
- (30) Not furnished / non communiqué **22 Sep/sep 1998 (22.09.1998)** US
- (30) 60/069,391 **4 Nov/nov 1998 (04.11.1998)** US
- (30) 60/128,660 **8 Apr/avr 1999 (08.04.1999)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • RNA-ASSOCIATED PROTEINS
• PROTEINES ASSOCIEES A L'ARN
- (63) US Not furnished / non communiqué (CIP)

- US 17 Sep/sep 1998 (17.09.1998)
09/158,720 (CIP)
- US 22 Sep/sep 1998 (22.09.1998)
Not furnished /
non communiqué (CIP)
- US 22 Sep/sep 1998 (22.09.1998)
09/186,815 (CIP)
- US 4 Nov/nov 1998 (04.11.1998)
09/156,039 (CIP)
- US 17 Sep/sep 1998 (17.09.1998)
Not furnished /
non communiqué (CIP)
- US 4 Nov/nov 1998 (04.11.1998)
60/128,660 (CIP)
- US 8 Apr/avr 1999 (08.04.1999)
- (71) **INCYTE PHARMACEUTICALS, INC.** [US/US]; 3174 Porter Drive, Palo Alto, CA 94304 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TANG, Y., Tom** [CN/US]; 4230 Ranwick Court, San Jose, CA 95118 (US).
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HILLMAN, Jennifer, L. [US/US]; 230 Monroe Drive #12, Mountain View, CA 94040 (US).
BAUGHN, Mariah, R. [US/US]; 14244 Santiago Road, San Leandro, CA 94577 (US).
LAL, Preeti [IN/US]; 2382 Lass Drive, Santa Clara, CA 95054 (US).
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YUE, Henry [US/US]; 826 Lois Avenue, Sunnyvale, CA 94087 (US).
YANG, Junming [CN/US]; 7136 Clarendon Street, San Jose, CA 95129 (US).
- (74) **BILLINGS, Lucy, J.** et al. / etc.; Incyte Pharmaceuticals, Inc., 3174 Porter Drive, Palo Alto, CA 94304 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)⁷ **C12N 15/29, A61K 48/00, C07K 14/415, A61P 7/00, A01K 67/027**
- (11) **WO 00/15800** (13) A2
- (21) PCT/US99/20922
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 60/100,166 **14 Sep/sep 1998** US
(14.09.1998)
- (30) 60/111,921 **11 Dec/déc 1998** US
(11.12.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **RAC-LIKE GENES AND METHODS OF USE**
- **GENES SEMBLABLES A RAC ET PROCEDES D'UTILISATION**
- (71) **PIONEER HI-BRED INTERNATIONAL, INC.** [US/US]; 800 Capital Square, 400 Locust Street, Des Moines, IA 50309 (US).
THE OHIO STATE UNIVERSITY [US/US]; 1960 Kenny Road, Columbus, OH 43210 (US).
- (72) **DUVICK, Jonathan, P.**; 1707 38th Street, Des Moines, IA 50310 (US).
SHARMA, Yogesh, Kumar; 11015-G Westport Station Drive, Maryland Heights, MO 63043 (US).
GOLDSCHMIDT-CLERMONT, Pascal, J.; 4724 DonEgal Cliffs Drive, Dublin, OH 43017 (US).
HASSANAIN, Hamdy, H.; 2983 Castlebrook Avenue, Columbus, OH 43026 (US).
- (74) **YATES, Michael, E.** et al. / etc.; Darwin Building, 7100 N.W. 62nd Avenue, Johnston, IA 50131-1000 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)⁷ **C12N 15/31, C07K 14/22, C12N 1/21, C12Q 1/68, C07K 16/12, A61K 39/095, 31/70, G01N 33/68, A61K 39/40**
- (11) **WO 00/15801** (13) A1
- (21) PCT/EP99/06718
- (22) **9 Sep/sep 1999 (09.09.1999)**
- (25) en (26) en
- (30) 9820003.3 **14 Sep/sep 1998** GB
(14.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **POLYNUCLEOTIDES AND POLYPEPTIDES BASB033 FROM NEISSERIA MENINGITIDIS AND THEIR USES**
- **POLYNUCLEOTIDES ET POLYPEPTIDES BASB033 DE NEISSERIA MENINGITIDIS ET LEURS UTILISATIONS**
- (71) **SMITHKLINE BEECHAM BIOLOGICALS S.A.** [BE/BE]; Rue de l'Institut 89, B-1330 Rixensart (BE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RUELLE, Jean-Louis** [BE/BE]; SmithKline Beecham Biologicals s.a., Rue de l'Institut 89, B-1330 Rixensart (BE).
- (74) **PRIVETT, Kathryn, Louise**; SmithKline Beecham, Two New Horizons Court, Brentford, Middlesex TW8 9EP (GB).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ **C12N 15/31, C07K 14/33**
- (11) **WO 00/15803** (13) A1
- (21) PCT/GB99/03048
- (22) **14 Sep/sep 1999 (14.09.1999)**
- (25) en (26) en
- (30) 9819998.7 **14 Sep/sep 1998** GB
(14.09.1998)
- (30) 9909578.8 **26 Apr/avr 1999** GB
(26.04.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● IMMUNOGLOBULIN BINDING PROTEIN

● PROTEINE DE LIAISON DE L'IMMUNOGLOBULINE

(71) **ACTINOVA LIMITED** [GB/GB]; 5 Signet Court, Swanns Road, Cambridge CB5 8LA (GB).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **GORE, Michael, Graham** [GB/GB]; University of Southampton, Bassett Crescent East, Southampton SO16 7PX (GB). **BECKINGHAM, Jennifer, Ann** [GB/US]; Apartment B6, 1815 Willow Tree Lane, Ann Arbor, MI 48105 (US). **ROBERTS, Sian, Eleri** [GB/GB]; Wessex Regional Genetics Laboratory, Salisbury District Hospital, Odstock Road, Salisbury, Wiltshire SP2 8BJ (GB).(74) **WOODS, Geoffrey, Corlett**; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5LX (GB).

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

Published / Publiée : (c)

(51)⁷ C12N 15/53, 9/08(11) **WO 00/15804** (13) A2

(21) PCT/DK99/00483

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) PA 1998 01154 **14 Sep/sep 1998** DK (14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● METHOD FOR PRODUCTION OF PEROXYDASES BY USE OF A GENETICALLY MODIFIED HOST ORGANISM
● PROCEDE DE PRODUCTION DE PEROXYDASES PAR SYSTEMES D'EXPRESSION DANS DES CELLULES D'HOTE GENETIQUEMENT MODIFIEES(71) **KØBENHAVNS UNIVERSITET** [DK/DK]; Nørregade 10, P.O. Box 2177, DK-1017 Copenhagen K (DK).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **WELINDER, Karen, Gjesing** [DK/DK]; Klokkestabelen 22, DK-9000 Aalborg (DK). **ØSTERGAARD, Lars** [DK/DK]; Teglværksgade 16, st. th., DK-2100 Copenhagen Ø (DK). **TEILUM, Kaare** [DK/DK]; Gartnergade 1, 4.tv., DK-2200 Copenhagen N (DK).(74) **PLOUGMANN, VINGTOFT & PARTNERS A/S**; Sankt Annae Plads 11, P.O. Box 3007, DK-1021 Copenhagen K (DK).

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

(51)⁷ C12N 15/54, 9/12, A61K 38/45, C12Q 1/48(11) **WO 00/15805** (13) A1

(21) PCT/GB99/03017

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 9819779.1 **10 Sep/sep 1998** GB (10.09.1998)(30) 9907261.3 **29 Mar/mar 1999** GB (29.03.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● USE OF PROTEIN KINASE KIAA0551 AS PHARMACEUTICAL

● UTILISATION D'UNE PROTEINE KINASE KIAA0551 EN TANT QUE MEDICAMENT

(71) **SMITHKLINE BEECHAM P.L.C.** [GB/GB]; New Horizons Court, Brentford, Middlesex TW8 9EP (GB).(72) **BINGHAM, Sharon**; SmithKline Beecham Pharmaceuticals, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). **CASE, Patrick**; Dept. of Cellular Pathology, Southmead Hospital, Bristol BS10 5NB (GB). **LAWSON, Sally, Neale**; Physiology Dept., Medical School, University Walk, Bristol BS8 1TD (GB). **NEWTON, Richard, Anthony**; Physiology Dept., Medical School, University Walk, Bristol BS8 1TD (GB). **RAUSCH, Olivier, Lars**; SmithKline Beecham Pharmaceuticals, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). **REITH, Alastair, David**; SmithKline Beecham Pharmaceuticals, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). **SANGER, Gareth, John**; SmithKline Beecham Pharmaceuticals, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).(74) **CONNELL, Anthony, Christopher**; SmithKline Beecham, Corporate Intellectual Property, Two New Horizons Court, Brentford, Middlesex TW8 9EP (GB).

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

Published / Publiée : (c)

(51)⁷ C12N 15/55, 9/14, C12Q 1/68, C12N 15/63, A61K 38/46, C07K 16/40(11) **WO 00/15806** (13) A1

(21) PCT/US99/21425

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) en (26) en

(30) 09/154,802 **17 Sep/sep 1998** US (17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● ATP SYNTHASE SUBUNIT HOMOLOG

● HOMOLOGUE DE SOUS-UNITE D'ATP-SYNTASE

(63) US 09/154,802 (CIP) 17 Sep/sep 1998 (17.09.1998)

(71) **INCYTE PHARMACEUTICALS, INC.** [US/US]; 3174 Porter Drive, Palo Alto, CA 94304 (US).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **TANG, Y., Tom** [CN/US]; 4230 Ranwick Court, San Jose, CA 95118 (US). **CORLEY, Neil, C.** [US/US]; 1240 Dale Avenue #30, Mountain View, CA 94040 (US). **GUEGLER, Karl, J.** [CH/US]; 1048 Oakland Avenue, Menlo Park, CA 94025 (US). **BAUGHN, Mariah, R.** [US/US]; 14244 Santiago Road, San Leandro, CA 94577 (US).(74) **BILLINGS, Lucy, J.** et al. / etc.; Incyte Pharmaceuticals, Inc., 3174 Porter Drive, Palo Alto, CA 94304 (US).

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

Published / Publiée : (c)

(51)⁷ C12N 15/62, 15/86, 15/12, 5/10, 1/21, 1/19, C07K 14/705, A61K 39/00, 31/713, G01N 33/50(11) **WO 00/15807** (13) A1

(21) PCT/DK99/00481

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) PA 1998 01164 **15 Sep/sep 1998** DK (15.09.1998)(30) 60/102,896 **2 Oct/oct 1998** US (02.10.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR DOWN-REGULATING OSTEOPROTEGERIN LIGAND ACTIVITY

• PROCEDE DE REGULATION NEGATIVE DE L'ACTIVITE DES LIGANDS D'OSTEOPROTEGERINE

(71) **M & E BIOTECH A/S** [DK/DK]; Kogle Allé 6, DK-2970 Hørsholm (DK).
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(72, 75) **HALKIER, Torben** [DK/DK]; Hestkøbevej 11 E, DK-3460 Birkerød (DK).
HAANING, Jesper [DK/DK]; Biskop Svanes Vej 2E, DK-3460 Birkerød (DK).

(74) **KOEFOD, Peter**; M & E Biotech A/S, Kogle Allé 6, DK-2970 Hørsholm (DK).

(81) AE AL AM AT AU (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁶ C12N 15/63, 15/12, 15/27

(11) **WO 00/15808** (13) A1

(21) PCT/KR98/00277

(22) **11 Sep/sep 1998 (11.09.1998)**

(25) en (26) en

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • MAMMARY GLAND TISSUE-SPECIFIC EXPRESSION SYSTEM USING β -CASEIN PROMOTER SITE OF KOREAN NATIVE GOAT

• SYSTEME D'EXPRESSION SPECIFIQUE DES TISSUS DE LA GLANDE MAMMAIRE METTANT EN OEUVRE LE SITE PROMOTEUR DE LA BETA-CASEINE DE LA CHEVRE COREENNE

(71) **HANMI PHARM. CO., LTD.** [KR/KR]; 893-5, Hajeo-ri, Paltan-myun, Hwasung-gun, Kyunggi-do 445-910 (KR).
KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY [KR/KR]; 373-1, Kusung-dong, Yoosung-ku, Taejeon 305-701 (KR).

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(72, 75) **YOO, Ook, Joon** [KR/KR]; 417-504 Hyundai Apt., 92, Seohyun-dong, Boondang-ku, Sungnam, Kyunggi-do 463-400 (KR).
LEE, Kyung, Kwang [KR/KR]; 240-24, Choongri-dong, Taeduk-ku, Taejeon 306-050 (KR).
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Shinsung-dong, Yoosung-ku, Taejeon 305-345 (KR).
KIM, Sun Jung [KR/KR]; 103-303, Dasol Apt., Kung-dong, Yoosung-ku, Taejeon 305-335 (KR).
JEONG, Hae, Young [KR/KR]; 101-11, Eoun-dong, Yoosung-ku, Taejeon 305-333 (KR).
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(74) **HWANG, E-Nam**; Yegun Building, 3rd floor, 823-42, Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

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

Published / Publiée : (m)

(51)⁷ C12N 15/82, 9/00, A01H 5/00, C12Q 1/68

(11) **WO 00/15809** (13) A2

(21) PCT/EP99/06766

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) 09/153,278 **15 Sep/sep 1998 (15.09.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • URACIL PERMEASE FROM ARABIDOPSIS AS HERBICIDAL TARGET GENE

• URACILE PERMEASE ISOLEE A PARTIR DE ARABIDOPSIS UTILISEE COMME GENE CIBLE DESHERBANT

(71) **NOVARTIS AG** [CH/CH]; Schwarzwaldallee 215, CH-4058 Basel (CH).
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(71) **NOVARTIS-ERFINDUNGEN VERWALTUNGSGESELLSCHAFT M.B.H.** [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT).
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(72, 75) **LEVIN, Joshua, Zvi** [US/US]; 1008 Urban Avenue, Durham, NC 27701 (US).
POTTER, Sharon, Lee [US/US]; 3837 Whispering Branch Road, Raleigh, NC 27613 (US).
BUDZISZEWSKI, Gregory, Joseph [US/US]; 2016 Englewood Avenue, Durham, NC 27705 (US).
WARD, Eric, Russell [US/US]; 3761 Bentley Drive, Durham, NC 27707 (US).
BERNASCONI, Paul [US/US]; 102 Windhover Drive, Chapel Hill, NC 27514 (US).

(74) **BECKER, Konrad**; Novartis AG, Corporate Intellectual Property, Patent & Trademark Dept., CH-4002 Basel (CH).

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

(51)⁷ C12N 15/82, 9/10, A23L 1/0522, A01H 5/00

(11) **WO 00/15810** (13) A1

(21) PCT/GB99/03011

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) en (26) en

(30) 98307337.0 **10 Sep/sep 1998 (10.09.1998)** EP

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ISOFORMS OF STARCH BRANCHING ENZYME II (SBE-IIA AND SBE-IIB) FROM WHEAT

• ISOFORMES DE L'ENZYME DE RAMIFICATION DE L'AMIDON II (SBE-IIA ET SBE-IIB) PROVENANT DU BLE

(71) **PLANT BREEDING INTERNATIONAL CAMBRIDGE LIMITED** [GB/GB]; Maris Lane, Trumpington, Cambridge CB2 2LQ (GB).

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

(72, 75) **GOLDSBROUGH, Andrew** [GB/GB]; 50 Melvin Way, Histon, Cambridge CB4 9HY (GB).
COLLIVER, Steve [GB/GB]; 1 Astwood Road, Bourne End, Cranfield, Bedfordshire MK43 0AU (GB).

(74) **KEITH W NASH & CO**; 90-92 Regent Street, Cambridge CB2 1DP (GB).

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

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(21) PCT/JP98/04088

(22) **10 Sep/sep 1998 (10.09.1998)**

(25) ja (26) ja

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • DNA FRAGMENT HAVING PROMOTER FUNCTION

• FRAGMENT D'ADN DOTE D'UNE FONCTION DE PROMOTEUR

(71) **NISSAN CHEMICAL INDUSTRIES, LTD.** [JP/JP]; 7-1, Kanda-Nishiki-cho 3-chome, Chiyoda-ku, Tokyo 101-0054 (JP).

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(72, 75) **UCHIMIYA, Hirofumi** [JP/JP]; Kizuki Jutaku 1-403, 1315, Kizuki, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0025 (JP).
ARAI, Satoshi [JP/JP]; Nissan Chemical

- Industries, Ltd., Seibutsukagaku Kenkyusho, 1470, Oaza-shiraoka, Shiraoka-machi, Minamisaitama-gun, Saitama 349-0218 (JP). **FUSHIMI, Takaomi** [JP/JP]; Nissan Chemical Industries, Ltd., Seibutsukagaku Kenkyusho, 1470, Oaza-shiraoka, Shiraoka-machi, Minamisaitama-gun, Saitama 349-0218 (JP). **TAGAWA, Michito** [JP/JP]; Nissan Chemical Industries, Ltd., Seibutsukagaku Kenkyusho, 1470, Oaza-shiraoka, Shiraoka-machi, Minamisaitama-gun, Saitama 349-0218 (JP).
- (74) **OGAWA, Toshiharu** et al. / etc.; Torimoto Kogyo Building, 38, Kanda-Higashimatsushitacho, Chiyoda-ku, Tokyo 101-0042 (JP).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (22) **11 Aug/août 1999 (11.08.1999)**
- (25) en (26) en
- (30) 60/100,258 **14 Sep/sep 1998 (14.09.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • MAIZE SINA ORTHOLOGUE-1 AND USES THEREOF
• ORTHOLOGUE-1 DE SINA DE MAIS ET SES UTILISATIONS
- (71) **PIONEER HI-BRED INTERNATIONAL, INC.** [US/US]; 800 Capital Square, 400 Locust Street, Des Moines, IA 50309 (US).
- (72) **MAHAJAN, Pramod, B.;** 8029 Brookview Drive, Urbandale, IA 50322 (US).
- (74) **YATES, Michael, E.** et al. / etc.; Darwin Building, 7100 N.W. 62nd Avenue, Johnston, IA 50131-1000 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **C12N 15/82, 1/21, 5/14, A01H 5/00, 5/10**
- (11) **WO 00/15812** (13) A1
- (21) PCT/JP99/04847
- (22) **8 Sep/sep 1999 (08.09.1999)**
- (25) ja (26) ja
- (30) PCT/JP98/04088 **10 Sep/sep 1998 (10.09.1998)** JP
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • DNA FRAGMENT HAVING PROMOTER FUNCTION
• FRAGMENT D'ADN A FONCTION PROMOTEUR
- (71) **NISSAN CHEMICAL INDUSTRIES, LTD.** [JP/JP]; 7-1, Kanda-Nishiki-cho 3-chome, Chiyoda-ku, Tokyo 101-0054 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **UCHIMIYA, Hirofumi** [JP/JP]; Kizuki Jutaku 1-403, 1315, Kizuki, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0025 (JP). **ARAI, Satoshi** [JP/JP]; Nissan Chemical Industries, Ltd., Seibutsukagaku Kenkyusho, 1470, Oaza-shiraoka, Shiraoka-machi, Minamisaitama-gun, Saitama 349-0218 (JP). **FUSHIMI, Takaomi** [JP/JP]; Nissan Chemical Industries, Ltd., Seibutsukagaku Kenkyusho, 1470, Oaza-shiraoka, Shiraoka-machi, Minamisaitama-gun, Saitama 349-0218 (JP). **TAGAWA, Michito** [JP/JP]; Nissan Chemical Industries, Ltd., Seibutsukagaku Kenkyusho, 1470, Oaza-shiraoka, Shiraoka-machi, Minamisaitama-gun, Saitama 349-0218 (JP). **FUKUZAWA, Hiromitsu** [JP/JP]; Nissan Chemical Industries, Ltd., Seibutsukagaku Kenkyusho, 1470, Oaza-shiraoka, Shiraoka-machi, Minamisaitama-gun, Saitama 349-0218 (JP).
- (74) **OGAWA, Toshiharu** et al. / etc.; Torimoto Kogyo Building, 38, Kanda-Higashimatsushitacho, Chiyoda-ku, Tokyo 101-0042 (JP).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (22) **11 Aug/août 1999 (11.08.1999)**
- (25) en (26) en
- (30) 60/100,258 **14 Sep/sep 1998 (14.09.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • MAIZE SINA ORTHOLOGUE-1 AND USES THEREOF
• ORTHOLOGUE-1 DE SINA DE MAIS ET SES UTILISATIONS
- (71) **PIONEER HI-BRED INTERNATIONAL, INC.** [US/US]; 800 Capital Square, 400 Locust Street, Des Moines, IA 50309 (US).
- (72) **MAHAJAN, Pramod, B.;** 8029 Brookview Drive, Urbandale, IA 50322 (US).
- (74) **YATES, Michael, E.** et al. / etc.; Darwin Building, 7100 N.W. 62nd Avenue, Johnston, IA 50131-1000 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (a)
-
- (51)⁷ **C12N 15/82, 15/11, C07K 16/16, A01H 5/00**
- (11) **WO 00/15815** (13) A1
- (21) PCT/US99/20987
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 60/100,284 **14 Sep/sep 1998 (14.09.1998)** US
- (30) 60/111,919 **11 Dec/déc 1998 (11.12.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • RAC-LIKE GENES FROM MAIZE AND METHODS OF USE
• GENES DE TYPE RAC DE MAIS ET METHODES D'UTILISATIONS
- (71) **PIONEER HI-BRED INTERNATIONAL, INC.** [US/US]; 800 Capital Square, 400 Locust Street, Des Moines, IA 50309 (US).
- (72) **DUVICK, Jonathan, P.;** 1707 38th Street, Des Moines, IA 50310 (US). **SHARMA, Yogesh, Kumar;** 11015-G Westport Station Drive, Maryland Heights, MO 63043 (US).
- (74) **BRUCE, Karen, M.** et al. / etc.; Darwin Building, 7100 N.W. 62nd Avenue, Johnston, IA 50131-1000 (US).

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

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(51)⁷ C12N 15/82, 15/11, A01H 5/00

(11) WO 00/15816 (13) A2

(21) PCT/US99/21277

(22) 15 Sep/sep 1999 (15.09.1999)

(25) en (26) en

(30) 60/100,690 17 Sep/sep 1998 US (17.09.1998)

(30) 60/123,896 11 Mar/mar 1999 US (11.03.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● MAIZE REPLICATION PROTEIN A
● PROTEINE DE REPLICATION A DU MAIS

(71) PIONEER HI-BRED INTERNATIONAL, INC. [US/US]; 800 Capital Square, 400 Locust Street, Des Moines, IA 50319 (US).

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

(72, 75) MAHAJAN, Pramod [IN/US]; 8029 Brookview Drive, Urbandale, IA 50322 (US).

(74) SPRUILL, W., Murray et al. / etc.; Alston & Bird LLP, P.O. Drawer 34009, Charlotte, NC 28234-4009 (US).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ C12N 15/82, 15/29, C07K 14/415, A01H 5/00

(11) WO 00/15817 (13) A2

(21) PCT/US99/21384

(22) 15 Sep/sep 1999 (15.09.1999)

(25) en (26) en

(30) 60/100,748 17 Sep/sep 1998 US (17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● STOMATIN-LIKE GENES AND THEIR USE IN PLANTS

● GENES DE TYPE STOMATINE ET UTILISATION DE CES GENES DANS DES PLANTES

(71) PIONEER HI-BRED INTERNATIONAL, INC. [US/US]; 800 Capital Square, 400 Locust Street, Des Moines, IA 50319 (US).

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

(72, 75) GORDON-KAMM, William, J. [US/US]; 3916-67th Street, Urbandale, IA 50322 (US). LOWE, Keith, S. [US/US]; 6407 Harbor Oaks Drive, Johnston, IA 50131 (US). NADIMPALLI, Ramgopal [IN/US]; 5500 Meredith Drive #12, Des Moines, IA 50310 (US). SIMMONS, Carl, R. [US/US]; 4228 Holland Drive, Des Moines, IA 50310 (US).

(74) SPRUILL, W., Murray et al. / etc.; Alston & Bird LLP, P.O. Drawer 34009, Charlotte, NC 28234-4009 (US).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ C12N 15/82, 15/11, C07K 16/18, C07H 21/00, A01H 5/00

(11) WO 00/15818 (13) A2

(21) PCT/US99/21385

(22) 15 Sep/sep 1999 (15.09.1999)

(25) en (26) en

(30) 60/100,691 17 Sep/sep 1998 US (17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● PLANT PROHIBITIN GENES AND THEIR USE

● GENES DE PROHIBITINE DE PLANTE ET UTILISATION DE CES DERNIERS

(71) PIONEER HI-BRED INTERNATIONAL, INC. [US/US]; 800 Capital Square, 400 Locust Street, Des Moines, IA 50319 (US).

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(72, 75) GORDON-KAMM, William, J. [US/US]; 3916-67th Street, Urbandale, IA

50322 (US). LOWE, Keith, S. [US/US]; 6407 Harbor Oaks Drive, Johnston, IA 50131 (US). NADIMPALLI, Ramgopal [IN/US]; 5500 Meredith Drive #12, Des Moines, IA 50310 (US). SIMMONS, Carl, R. [US/US]; 4228 Holland Drive, Des Moines, IA 50310 (US).

(74) SPRUILL, W., Murray et al. / etc.; Alston & Bird LLP, P.O. Drawer 34009, Charlotte, NC 28234-4009 (US).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ C12N 15/86, 5/10, 7/04, 15/49, C07K 14/16

(11) WO 00/15819 (13) A1

(21) PCT/US99/20675

(22) 10 Sep/sep 1999 (10.09.1999)

(25) en (26) en

(30) 60/100,022 11 Sep/sep 1998 US (11.09.1998)

(30) 60/100,063 12 Sep/sep 1998 US (12.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● PACKAGING CELL LINES FOR HIV-DERIVED RETROVIRAL VECTOR PARTICLES

● LIGNEES DE CELLULES D'ENCAPSIDATION POUR PARTICULES DE VECTEUR RETROVIRAL DERIVE DU VIH

(71) THE CHILDREN'S MEDICAL CENTER CORPORATION [US/US]; 300 Longwood Avenue, Boston, MA 02115 (US).

(72) GRAY, John, T.; 48 Spring Road, West Roxbury, MA 02132 (US). MULLIGAN, Richard, C.; 2 Sandy Pond Road, Lincoln, MA 01773 (US).

(74) BROOK, David, E. et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, MA 02421 (US).

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

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(51)⁷ C12N 15/86, 5/10, A61K 48/00

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(21) PCT/US99/20718

- (22) **10 Sep/sep 1999 (10.09.1999)**
(25) en (26) en
(30) 60/099,791 **10 Sep/sep 1998** US
(10.09.1998)
(30) Not furnished / **9 Sep/sep 1999** US
non communiqué (09.09.1999)
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • **ADENOVIRUS VECTORS CONTAINING CELL STATUS-SPECIFIC RESPONSE ELEMENTS AND METHODS OF USE THEREOF**
• **VECTEURS D'ADENOVIRUS CONTENANT DES ELEMENTS DE REPOSE SPECIFIQUES DE L'ETAT DES CELLULES, ET PROCEDES D'UTILISATION DESDITS VECTEURS**
- (71) **CALYDON, INC.** [US/US]; 1324 Chesapeake Terrace, Sunnyvale, CA 94089 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **YU, De, Chao** [CN/US]; 1046 Eagle Lane, Foster City, CA 94404 (US). **HENDERSON, Daniel, R.** [US/US]; 955 Madero Avenue, Palo Alto, CA 94306 (US).
- (74) **POLIZZI, Catherine, M.** et al. / etc.; Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, CA 94304-1018 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **C12N 15/86, A61K 48/00**
(11) **WO 00/15821** (13) A1
(21) PCT/US99/20730
(22) **10 Sep/sep 1999 (10.09.1999)**
(25) en (26) en
(30) 60/099,960 **11 Sep/sep 1998** US
(11.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • **RECOMBINANT ADENOVIRUS FOR TISSUE SPECIFIC EXPRESSION IN HEART**
• **ADENOVIRUS RECOMBINANT POUVANT ACCOMPLIR UNE EXPRESSION SPECIFIQUE DU TISSU CARDIAQUE**
- (71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 9500 Gilman Drive Mail Code 0910, La Jolla, CA 92093-0910 (US).
- (72) **CHIEN, Kenneth, R.**; 6232 Calle Vera Cruz, La Jolla, CA 92037 (US). **WANG, Yibin**; 4142 Caminito Lita, San Diego, CA 92122 (US). **EVANS, Sylvia**; 2281 Via Apilia, Del Mar, CA 92014 (US).
- (74) **MUSICK, Eleanor, M.** et al. / etc.; Brown, Martin, Haller & McClain, 1660 Union Street, San Diego, CA 92101-2926 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C12N 15/86, 15/62, 15/12, 15/53, A61K 48/00**
(11) **WO 00/15822** (13) A1
(21) PCT/US99/21681
(22) **17 Sep/sep 1999 (17.09.1999)**
(25) en (26) en
(30) 09/156,084 **17 Sep/sep 1998** US
(17.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • **METHODS FOR TREATMENT OF DEGENERATIVE RETINAL DISEASES**
• **METHODES DE TRAITEMENT DE MALADIES DEGENERATIVES DE LA RETINE**
- (71) **UNIVERSITY OF FLORIDA** [US/US]; Office of Technology Licensing, 1938 W. University Avenue, Gainesville, FL 32603 (US). **CATHOLIC UNIVERSITY NIJMEGEN** [NL/NL]; Faculty of Medical Sciences, P.O. Box 9101, NL-6500 HB Nijmegen (NL).
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- (72, 75) **TIMMERS, Adrian, M.** [NL/US]; 4436 N.W. 23rd Drive, Gainesville, FL 32605 (US). **JANSSEN, Jacques, J.** [NL/NL]; Hellebaard 13, NL-6641 Beuningen (NL). **HAUSWIRTH, William, W.** [US/US]; 12001 S.W. 89th Street, Gainesville, FL 32608 (US).
- (74) **HIBLER, David, W.**; Williams, Morgan & Amerson, P.C., 7676 Hillmont, Suite 250, Houston, TX 77040 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C12N 15/861, C07K 14/075, C12N 7/00**
(11) **WO 00/15823** (13) A1
(21) PCT/US99/20728
- (22) **10 Sep/sep 1999 (10.09.1999)**
(25) en (26) en
(30) 60/099,851 **11 Sep/sep 1998** US
(11.09.1998)
(30) 60/136,529 **28 May/mai 1999** US
(28.05.1999)
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • **ALTERNATIVELY TARGETED ADENOVIRUS**
• **ADENOVIRUS A CIBLAGE ALTERNATIF**
- (71) **GENVEC, INC.** [US/US]; 65 West Watkins Mill Road, Gaithersburg, MD 20878 (US).
- (72) **WICKHAM, Thomas, J.**; 1203 Arista Manor Way, Germantown, MD 20876 (US). **KOVESDI, Imre**; 7713 Warbler Lane, Rockville, MD 20855 (US). **ROELVINK, Petrus, W.**; 17502 Gallagher Way, Olney, MD 20832 (US). **BRUDER, Joseph, T.**; 10243 Royal St. Andrews Place, Ijamsville, MD 21754 (US).
- (74) **KILYK, John, Jr.** et al. / etc.; Leydig, Voit & Mayer, Ltd., Suite 4900, Two Prudential Plaza, 180 North Stetson, Chicago, IL 60601-6780 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **C12N 15/87, C07K 19/00**
(11) **WO 00/15824** (13) A1
(21) PCT/SE99/00398
(22) **15 Mar/mar 1999 (15.03.1999)**
(25) en (26) en
(30) 9803099-2 **13 Sep/sep 1998** SE
(13.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • **TRANSFER METHOD FOR SPECIFIC CELLULAR LOCALISATION OF NUCLEIC ACIDS**
• **PROCEDE DE TRANSFERT POUR LA LOCALISATION CELLULAIRE SPECIFIQUE D'ACIDES NUCLEIQUES**
- (71) **KAROLINSKA INNOVATIONS AB** [SE/SE]; S-171 77 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BRANDÉN, Lars** [SE/SE]; Ringvägen 135, S-116 61 Stockholm (SE). **MOHAMMED, Abdalla, J.** [SE/SE]; Saimagatan 13, 1 tr, S-164 75 Kista (SE). **SMITH, C., I., Edvard** [SE/SE]; Naumansvägen 23, S-129 38 Hagersten (SE).

- (74) **BERG, S., A.** et al. / etc.; Albihts Patentbyrå Stockholm AB, P.O. Box 5581, S-114 85 Stockholm (SE).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **C12N 15/87, A61K 48/00**
- (11) **WO 00/15825** (13) A1
- (21) PCT/US98/19067
- (22) **11 Sep/sep 1998 (11.09.1998)**
- (25) en (26) en
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● CONDENSED PLASMID-LIPOSOME COMPLEX FOR TRANSFECTION
● COMPLEXE DE PLASMIDE-LIPOSOME CONDENSE POUR TRANSFECTION
- (71) **SEQUUS PHARMACEUTICALS, INC.** [US/US]; 960 Hamilton Court, Menlo Park, CA 94025 (US).
- (72) **HUANG, Shi, Kun**; 18798 Madison Avenue, Castro Valley, CA 94546 (US). **OTO, Edwin, Kiyoshi**; 1121 St. Francis Street, Redwood City, CA 94061 (US). **HASSANIPOUR, Mohammad**; 1023 Topsail Drive, Vallejo, CA 94591 (US). **JIN, Bei**; 4546 Cape View Drive, Union City, CA 94587 (US).
- (74) **MOHR, Judy, M.** et al. / etc.; Dehlinger & Associates, 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 GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C12N 154/12, C07K 14/47, C12N 9/10, C07K 16/18, 16/40, G01N 33/53, C12Q 1/68, A61K 38/17, 38/22**
- (11) **WO 00/15826** (13) A2
- (21) PCT/US99/20722
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 09/150,857 **10 Sep/sep 1998 (10.09.1998)** US
- (30) 60/106,378 **29 Oct/oct 1998 (29.10.1998)** US
- (30) 09/195,896 **19 Nov/nov 1998 (19.11.1998)** US
- (30) 09/292,228 **15 Apr/avr 1999 (15.04.1999)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● LEPTIN INDUCED GENES
● GENES INDUITS PAR LA LEPTINE
- (71) **MILLENNIUM PHARMACEUTICALS, INC.** [US/US]; 640 Memorial Drive, Cambridge, MA 02139 (US).
- (72) **WHITE, David**; 393 Pine Street, Holbrook, MA 02343 (US). **ZHOU, Jianghong**; 34 Gerry Road, Chestnut Hill, MA 02467 (US). **TARTAGLIA, Louis, A.**; Apartment 6, 104 Coolidge Hill Road, Watertown, MA 02172 (US).
- (74) **MEIKLEJOHN, Anita, L.**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C12P 7/00**
- (11) **WO 00/15827** (13) A2
- (21) PCT/US99/20642
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 60/099,860 **11 Sep/sep 1998 (11.09.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● BACTERIAL STRAINS FOR THE PRODUCTION OF 2-KETO-L-GULONIC ACID
● SOUCHES BACTERIENNES POUR LA PRODUCTION D'ACIDE 2-CETO-L-GULONIQUE
- (71, 72) **STODDARD, Steven, F.** [US/US]; Apartment 6, 111 S. Elder Lane, Decatur, IL 62522 (US). **LIAW, Hungming, J.** [-/US]; 1013 Galen Drive, Champaign, IL 61821 (US). **D'ELIA, John** [US/US]; 1903 Filipov Street, Champaign, IL 61821 (US).
- (74) **GOLDSTEIN, Jorge, 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) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **C12P 7/44, C12N 1/16**
- (11) **WO 00/15828** (13) A1
- (21) PCT/US98/18494
- (22) **17 Sep/sep 1998 (17.09.1998)**
- (25) en (26) en
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● PROCESS FOR MAKING POLY-CARBOXYLIC ACIDS
● PROCEDE DE FABRICATION D'ACIDES POLYCARBOXYLIQUES
- (71) **HENKEL CORPORATION** [US/US]; Suite 200, 2500 Renaissance Boulevard, Gulph Mills, PA 19406 (US).
- (72) **ANDERSON, Kevin, W.**; 4151 Weiser Court, Indian Springs, OH 45011 (US). **WENZEL, J., Douglas**; 873 Gorham Drive, Cincinnati, OH 45245 (US). **FAYTER, Richard, G., Jr.**; 5429 Hannah View Drive, Fairfield, OH 45014 (US). **MCVAY, Kenneth, R.**; 1763 Ross Hanover Road, Hamilton, OH 45013 (US).
- (74) **DRACH, John, E.**; Henkel Corporation, Suite 200, 2500 Renaissance Boulevard, Gulph Mills, PA 19406 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C12P 7/44, C12N 1/16 // (C12N 1/16, C12R 1:74)**
- (11) **WO 00/15829** (13) A1
- (21) PCT/US99/11751
- (22) **27 May/mai 1999 (27.05.1999)**
- (25) en (26) en
- (30) 09/152,386 **14 Sep/sep 1998 (14.09.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● FERMENTATION MEDIUM AND METHOD FOR PRODUCING α,ω -ALKANEDICARBOXYLIC ACIDS

- MILIEU DE FERMENTATION ET PROCEDE DE PRODUCTION D'ACIDES α,ω -ALCANEDICARBOXYLIQUES
- (25) ja (26) ja (25) en (26) en
- (30) 10/259068 **14 Sep/sep 1998** JP (14.09.1998) (30) 60/100,491 **16 Sep/sep 1998** US (16.09.1998)
- (71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US). (43) 23 Mar/mar 2000 (23.03.2000) (30) 60/100,704 **17 Sep/sep 1998** US (17.09.1998)
- (72) **MOBLEY, David, Paul**; 2471 Hilltop Road, Schenectady, NY 12308 (US). **SHANK, Gary, Keith**; Apartment E, 3 Penn Place, Rocky Hill, CT 06067 (US). (43) 23 Mar/mar 2000 (23.03.2000)
- (74) **SNYDER, Bernard** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US). (54) • MULTIPLE SEQUENCING METHOD
• METHODE DE SEQUENÇAGE MULTIPLEX
- (81) BR CN IN JP KR SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE). (63) US 60/100,491 (CIP) 16 Sep/sep 1998 (16.09.1998)
US 60/100,704 (CIP) 17 Sep/sep 1998 (17.09.1998)
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- (51)⁷ **C12P 19/04, C12N 9/18, A23L 1/0524**
- (11) **WO 00/15830** (13) A1 (21) PCT/IB99/01580
- (22) **15 Sep/sep 1999 (15.09.1999)**
- (25) en (26) en
- (30) 9820195.7 **16 Sep/sep 1998** GB (16.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • PROCESS FOR ENZYMATICALLY MODIFYING PECTIN
• PROCEDE DE MODIFICATION ENZYMATIQUE DE PECTINE
- (71) **DANISCO A/S** [DK/DK]; Langebrogade 1, P.O. Box 17, DK-1001 Copenhagen K (DK). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CHRISTENSEN, Tove, Martel, Ida, Else** [DK/DK]; Søengen 30, DK-3450 Allerød (DK). **PEDERSEN, Anette, Amstrup** [DK/DK]; Stengårds Alle 221, DK-2860 Søborg (DK). **BRUNSTEDT, Janne** [DK/DK]; Dueholm 18, DK-4000 Roskilde (DK). **MIKKELSEN, Jørn, Dalggaard** [DK/DK]; Engkær 38, DK-2650 Hvidovre (DK).
- (74) **HARDING, Charles, Thomas** et al. / etc.; D Young & Co, 21 New Fetter Lane, London EC4A 1DA (GB).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁶ **C12P 33/00**
- (11) **WO 00/15831** (13) A1 (21) PCT/JP99/04960
- (22) **13 Sep/sep 1999 (13.09.1999)**
- (25) ja (26) ja (25) en (26) en
- (30) 10/259068 **14 Sep/sep 1998** JP (14.09.1998) (30) 60/100,491 **16 Sep/sep 1998** US (16.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • PROCESS FOR PRODUCING URSODEOXYCHOLATE
• PROCEDE DE PRODUCTION D'URSODESIOXYCHOLATE
- (71) **KANSAI PAINT CO., LTD.** [JP/JP]; 33-1, Kanzaki-cho, Amagasaki-shi, Hyogo 661-8555 (JP). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ODA, Shinobu** [JP/JP]; 4-9-28-601, Higashiyawata, Hiratsuka-shi, Kanagawa 254-0016 (JP).
- (74) **ODAJIMA, Heikichi** et al. / etc.; Oda-jima Patent Office, Nippon Jitensha Building, 9-15, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).
- (81) JP US; EP (DE GB).
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- (51)⁷ **C12Q 1/06**
- (11) **WO 00/15832** (13) A1 (21) PCT/DE99/02867
- (22) **9 Sep/sep 1999 (09.09.1999)**
- (25) de (26) de
- (30) 198 41 588.5 **11 Sep/sep 1998** DE (11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • DETECTION OF CELLS IN A LIQUID SAMPLE
• MISE EN EVIDENCE DE LA PRESENCE DE CELLULES DANS UN ECHANTILLON LIQUIDE
- (71, 72) **NITZSCHE, Frank** [DE/DE]; Laboratoriumsstrasse 100, D-46562 Voerde (DE). **EGGERS, Guido** [DE/DE]; Einigkeitstrasse 42, D-45133 Essen (DE).
- (74) **CASTELL, Klaus** et al. / etc.; Gutenbergstrasse 12, D-52349 Düren (DE).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **C12Q 1/68**
- (11) **WO 00/15834** (13) A2 (21) PCT/CA99/00852
- (22) **15 Sep/sep 1999 (15.09.1999)**
- (25) en (26) en
- (30) 60/100,311 **15 Sep/sep 1998** US (15.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • MARKER AT THE ANDROGEN RECEPTOR GENE FOR DETERMINING BREAST CANCER SUSCEPTIBILITY
• MARQUEUR AU NIVEAU DU GENE RECEPTEUR DES HORMONES ANDROGENES POUR LA DETERMINATION DE LA SENSIBILITE AU CANCER DU SEIN
- (71) **SIGNALGENE INC.** [CA/CA]; 8475 Christophe Colomb Avenue, Montreal, Quebec H2M 2N9 (CA). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROUSSEAU, François** [CA/CA]; 2540 Lalonde, Sainte-Foy, Quebec G1W 1M7 (CA).

(74) **DUBUC, Jean, H.** et al. / etc.; Goudreau Gage Dubuc & Martineau Walker, The Stock Exchange Tower, Suite 3400, 800 Place Victoria, P.O. Box 242, Montreal, Quebec H4Z 1E9 (CA).

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

(51)⁷ C12Q 1/68

(11) **WO 00/15835** (13) A2

(21) PCT/CA99/00853

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 60/100,448 **15 Sep/sep 1998** US
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● MARKER AT THE VITAMIN D RECEPTOR GENE FOR DETERMINING BREAST CANCER SUSCEPTIBILITY

● MARQUEUR AU NIVEAU DU GENE RECEPTEUR DE LA VITAMINE D, UTILISE POUR LA DETERMINATION DE LA SENSIBILITE AU CANCER DU SEIN

(71) **SIGNALGENE INC.** [CA/CA]; 8475 Christophe Colomb Avenue, Montreal, Quebec H2M 2N9 (CA).

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

(72, 75) **ROUSSEAU, François** [CA/CA]; 2540 Lalonde, Sainte-Foy, Quebec G1W 1M7 (CA).

(74) **DUBUC, Jean, H.** et al. / etc.; Goudreau Gage Dubuc & Martineau Walker, The Stock Exchange Tower, Suite 3400, 800 Place Victoria, P.O. Box 242, Montreal, Quebec H4Z 1E9 (CA).

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

(51)⁷ C12Q 1/68

(11) **WO 00/15836** (13) A2

(21) PCT/CA99/00854

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 60/100,446 **15 Sep/sep 1998** US
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● COMBINATION OF MARKERS AT THE ESTROGEN- AND VITAMIN D-RECEPTOR GENES OR EQUIVALENTS THEREOF TO PROGNOSIS A RESPONSE TO OSTEOPOROSIS THERAPY

● COMBINAISON DE MARQUEURS AU NIVEAU DES GENES RECEPTEURS DES OESTROGENES ET DE LA VITAMINE D, OU EQUIVALENTS DE CES DERNIERS, POUR LE PRONOSTIC D'UNE REPONSE AU TRAITEMENT DE L'OSTEOPOROSE

(71) **SIGNALGENE INC.** [CA/CA]; 8475 Christophe Colomb Avenue, Montreal, Quebec H2M 2N9 (CA).

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

(72, 75) **ROUSSEAU, François** [CA/CA]; 2540 Lalonde, Sainte-Foy, Quebec G1W 1M7 (CA).

(74) **DUBUC, Jean, H.** et al. / etc.; Goudreau Gage Dubuc & Martineau Walker, The Stock Exchange Tower, Suite 3400, 800 Place Victoria, P.O. Box 242, Montreal, Quebec H4Z 1E9 (CA).

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

(51)⁷ C12Q 1/68

(11) **WO 00/15837** (13) A2

(21) PCT/DE99/02975

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) de (26) de

(30) 198 42 164.8 **15 Sep/sep 1998** DE
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● METHOD FOR CONTROLLING QUALITY IN THE CONSTRUCTION OF OLIGOMER GRIDS

● PROCEDE DE CONTROLE QUALITE LORS DE LA CONSTITUTION DE TRAMES OLIGOMERIQUES

(71) **DEUTSCHES KREBSFORSCHUNG-SZENTRUM 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) **BEIER, Markus** [DE/DE]; Werdens-trasse 42a, D-69120 Heidelberg (DE).

(74) **SCHÜSSLER, Andrea**; Huber & Schüssler, Truderinger Strasse 246, D-81825 München (DE).

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

(51)⁷ C12Q 1/68

(11) **WO 00/15838** (13) A2

(21) PCT/EP99/07376

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) 98402255.8 **11 Sep/sep 1998** EP
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● ESSENTIAL GENES FROM C. ALBICANS AND A METHOD FOR SCREENING ANTIMYCOTIC SUBSTANCES USING SAID GENES

● GENES ESSENTIELS DERIVES DE C. ALBICANS ET METHODE DE DETECTION DE SUBSTANCES ANTIMYCOTIQUES UTILISANT LESDITS GENES

(71) **HOECHST MARION ROUSSEL** [FR/FR]; 1 Terrasse Bellini, F-92800 Puteaux (FR).

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

(72, 75) **LALANNE, Jean-Louis** [FR/FR]; 110, avenue du Maréchal, F-94120 Fontenay sous Bois (FR). **ROCHER, Corinne** [FR/FR]; 3, rue Elisa Lemonnier, F-75012 Paris (FR). **CHALWATZIS, Nicolas** [DE/DE]; Krokusweg 15, D-64646 Heppenheim (DE).

LEEuw, Thomas [DE/DE]; Alspitzweg 11, D-86926 Greifenberg (DE). **MARGERIE, Daniel** [DE/DE]; Falkstrasse 104, D-60487 Frankfurt am Main (DE). **NITSCHKE, Almut** [DE/DE]; Bergstrasse 20, D-82152 Krailing (DE). **REINHARD-RUPP, Jutta** [DE/DE]; Neufriedenheimer Strasse 82A, D-81375 München (DE).

(74) **POCHART, François** et al. / etc.; Cabinet Hirsch-Desrousseaux-Pochart, 34, rue de Bassano, F-75008 Paris (FR).

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

(51)⁷ C12Q 1/68

(11) WO 00/15839 (13) A1

(21) PCT/EP99/07719

(22) 10 Sep/sep 1999 (10.09.1999)

(25) en (26) en

(30) 9819769.2 10 Sep/sep 1998 GB
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR DETERMINING SUSCEPTIBILITY TO BONE DAMAGE BY SCREENING POLYMORPHISMS IN THE VITAMIN D RECEPTOR GENE

- METHODE PERMETTANT DE DETERMINER LA SUSCEPTIBILITE AUX LESIONS OSSEUSES PAR DETECTION DE POLYMORPHISMES DANS LE GENE DU RECEPTEUR DE LA VITAMINE D

(71) ERASMUS UNIVERSITEIT ROTTERDAM [NL/NL]; Burgemeester Oudlaan 50, NL-3062 PA Rotterdam (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) UITTERLINDEN, Andreas, Gerardus [NL/NL]; Limes 67, NL-3176 TE Poortugaal (NL). VAN LEEUWEN, Johannes, Petrus, Thomas, Maria [NL/NL]; Maluslaan 23, NL-1185 KZ Amstelveen (NL). POLS, Huibert, Adriaan, Pieter [NL/NL]; Campanulahof 21, NL-3355 BH Papendrecht (NL).

(74) SHEARD, Andrew, Gregory et al. / etc.; Kilburn & Strode, 20 Red Lion Street, London WC1R 4PJ (GB).

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

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(21) PCT/EP99/07720

(22) 10 Sep/sep 1999 (10.09.1999)

(25) en (26) en

(30) 9819764.3 10 Sep/sep 1998 GB
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR DETERMINING SUSCEPTIBILITY TO HEART DISEASE BY SCREENING POLYMORPHISMS IN THE VITAMIN D RECEPTOR GENE

- METHODE PERMETTANT DE DETERMINER LA SUSCEPTIBILITE AUX MALADIES CORONARIENNES

PAR DETECTION DES POLYMORPHISMES DANS LE GENE RECEPTEUR DE LA VITAMINE D

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(72, 75) UITTERLINDEN, Andreas, Gerardus [NL/NL]; Limes 67, NL-3176 TE Poortugaal (NL). VAN LEEUWEN, Petrus, Thomas, Maria [NL/NL]; Maluslaan 23, NL-1185 KZ Amstelveen (NL). POLS, Huibert, Adriaan, Pieter [NL/NL]; Campanulahof 21, NL-3355 BH Papendrecht (NL).

(74) SHEARD, Andrew, Gregory et al. / etc.; Kilburn & Strode, 20 Red Lion Street, London WC1R 4PJ (GB).

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

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(51)⁷ C12Q 1/68

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(22) 14 Sep/sep 1999 (14.09.1999)

(25) fr (26) fr

(30) 98/11557 16 Sep/sep 1998 FR
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD AND KIT FOR DETECTING INTRACHROMOSOME IMBALANCE IN INTERPHASE NUCLEI AND THEIR APPLICATIONS

- PROCEDE ET TROUSSE POUR LA DETECTION D'UN DESEQUILIBRE INTRACHROMOSOMIQUE DANS DES NOYAUX INTERPHASISQUES ET LEURS APPLICATIONS

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(74) LENOIR, Sophie et al. / etc.; Cabinet Orès, 6 avenue de Messine, F-75008 Paris (FR).

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

(51)⁷ C12Q 1/68

(11) WO 00/15842 (13) A1

(21) PCT/GB99/03056

(22) 15 Sep/sep 1999 (15.09.1999)

(25) en (26) en

(30) 09/153,242 15 Sep/sep 1998 US
(15.09.1998)(30) 9820185.8 16 Sep/sep 1998 GB
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD OF ISOLATION PRIMER EXTENSION PRODUCTS WITH MODULAR OLIGONUCLEOTIDES

- PROCEDE D'ISOLATION DE PRODUITS D'EXTENSION D'AMORCES AU MOYEN D'OLIGONUCLEOTIDES MODULAIRES

(71) DYNAL AS [NO/NO]; P.O. Box 158, Skøyen, N-0212 Oslo (NO).

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(71) JONES, Elizabeth, Louise [GB/GB]; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).

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(72, 75) LUNDEBERG, Joakim [SE/SE]; CEMU Bioteknik AB, Royal Institute of Technology, Department of Biochemistry and Biotechnology, S-100 44 Stockholm (SE). UHLÉN, Mathias [SE/SE]; CEMU Bioteknik AB, Royal Institute of Technology, Department of Biochemistry & Biotechnology, S-100 44 Stockholm (SE).

(74) JONES, Elizabeth, Louise et al. / etc.; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ C12Q 1/68, A61K 48/00, C07K 14/47, A61K 38/17, G01N 33/68

(11) WO 00/15843 (13) A1

(21) PCT/IB99/01548

(22) 7 Sep/sep 1999 (07.09.1999)

(25) en (26) en

(30) 9819914.4 11 Sep/sep 1998 GB (11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • GENETIC SUPPRESSION THERAPY
• THERAPIE DE SUPPRESSION GENE-TIQUE

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(72, 75) RÖRTH, Pernille [DK/DE]; European Molecular Biology Laboratory, Postfach 102209, D-69012 Heidelberg (DE). COHEN, Stephen, M. [CA/DE]; European Molecular Biology Laboratory, Postfach 102209, D-69012 Heidelberg (DE).

(74) HALLYBONE, Huw, George; Carpmaels & Ransford, 43 Bloomsbury Square, London WC1A 2RA (GB).

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

(51)⁷ C12Q 1/68

(11) WO 00/15844 (13) A1

(21) PCT/US99/13899

(22) 18 Jun/juin 1999 (18.06.1999)

(25) en (26) en

(30) 09/154,525 16 Sep/sep 1998 US (16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • NUCLEIC ACID SEQUENCING WITH SOLID PHASE CAPTURABLE TERMINATORS
• SEQUENÇAGE D'ACIDE NUCLEIQUE AVEC CODONS D'ARRET POUVANT ETRE CAPTURES SUR UNE PHASE SOLIDE

(71) INCYTE PHARMACEUTICALS, INC. [US/US]; 3174 Porter Drive, Palo Alto, CA 94304 (US).

(72) JU, Jingyue; 562 Osprey Drive, Redwood City, CA 94065 (US). KONRAD, Ken; 3706 East 5th Street, Long Beach, CA 90814 (US).

(74) FIELD, Bret, E.; Bozicevic, Field & Francis LLP, Suite 200, 285 Hamilton Avenue, Palo Alto, CA 94301 (US).

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

(51)⁷ C12Q 1/68, C07H 21/04, C12N 15/12, C07K 14/435, 14/705

(11) WO 00/15845 (13) A1

(21) PCT/US99/19675

(22) 26 Aug/août 1999 (26.08.1999)

(25) en (26) en

(30) 60/098,004 26 Aug/août 1998 US (26.08.1998)

(30) 60/117,399 27 Jan/jan 1999 US (27.01.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • T-TYPE CALCIUM CHANNEL
• CANAL CALCIQUE DE TYPE T

(71) SOUTH ALABAMA MEDICAL SCIENCE FOUNDATION [US/US]; P.O. Box U-1060, Mobile, AL 36688 (US).

(72) LI, Ming; 7231 Bay Road, Mobile, AL 36605 (US).

(74) BRAMAN, Susan, J. et al. / etc.; Braman & Rogalskyj, LLP, P.O. Box 352, Canandaigua, NY 14424-0352 (US).

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

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(51)⁶ C12Q 1/68, C12N 15/11, 15/63

(11) WO 00/15846 (13) A1

(21) PCT/US99/20366

(22) 7 Sep/sep 1999 (07.09.1999)

(25) en (26) en

(30) 60/100,160 14 Sep/sep 1998 US (14.09.1998)

(30) 09/260,693 2 Mar/mar 1999 US (02.03.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ZERO BACKGROUND UNIVERSAL CLONING METHOD
• PROCEDE UNIVERSEL DE CLONAGE A RESIDUEL NUL

(71, 72) HYMAN, Edward, David [US/US]; 4724 Hessmer Avenue, Metairie, LA 70002 (US).

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

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(51)⁷ C12Q 1/68

(11) WO 00/15847 (13) A2

(21) PCT/US99/20449

(22) 8 Sep/sep 1999 (08.09.1999)

(25) en (26) en

(30) 60/100,030 11 Sep/sep 1998 US (11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • GENOMIC KNOWLEDGE DISCOVERY
• RECHERCHE DE CONNAISSANCES SUR LE GENOME

(63) US 60/100,030 (CON) 11 Sep/sep 1998 (11.09.1998)

(71) GENE LOGIC, INC. [US/US]; 708 Quince Orchard Road, Gaithersburg, MD 20878 (US).
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(72, 75) STEWARD, Keith, Leroy [CA/US]; 13501 Giant Court, Germantown, MD 20874 (US). SHI, Qin [CN/US]; 10307 Royal Woods Court, Gaithersburg, MD 20879 (US). CARIASO, Michael, Contento [US/US]; 12652 Grey Eagle Court #12, Germantown, MD 20874 (US).

(74) FENSTER, Paul et al. / etc.; c/o Anthony Castorina, Suite 207, 2001 Jefferson Davis Highway, Arlington, VA 22202 (US).

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

(51)⁷ C12Q 1/68, G01N 33/50, 33/58

(11) WO 00/15848 (13) A1

(21) PCT/US99/20719

(22) 10 Sep/sep 1999 (10.09.1999)

(25) en (26) en

(30) 09/151,890 11 Sep/sep 1998 US (11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • NUCLEIC ACID LIGAND INTERACTION ASSAYS
• DOSAGE PAR INTERACTION D'ACIDES NUCLEIQUES ET DE LIGANDS

(71) **GENELABS TECHNOLOGIES, INC.** [US/US]; 505 Penobscot Drive, Redwood City, CA 94063 (US).

(72) **SCHROTH, Gary, P.**; 687 Beach Park Boulevard, Foster City, CA 94404 (US). **BRUICE, Thomas, W.**; 6880 Shearwaters Drive, Carlsbad, CA 92009 (US). **SUH, Young, J.**; 4238 Cambridge Way, Union City, CA 94587 (US).

(74) **GORTHEY, LeeAnn** et al. / etc.; Dehlinger & Associates, P.O. Box 60850, Palo Alto, CA 94306-0850 (US).

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

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(51)⁷ C12Q 1/68

(11) **WO 00/15849** (13) A1

(21) PCT/US99/21087

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 60/100,305 **15 Sep/sep 1998 (15.09.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● ARTIFICIAL LONG TERMINAL REPEAT VECTORS
● LONG SEGMENT TERMINAL ARTIFICIEL A REPETITIONS

(71) **YALE UNIVERSITY** [US/US]; 451 College Street, New Haven, CT 06511 (US).

(72) **LIZARDI, Paul, M.**; 350 Mountain Road, Hamden, CT 06514 (US).

(74) **PABST, Patrea, L.** et al. / etc.; Arnall Golden & Gregory, LLP, 2800 One Atlantic Center, 1201 West Peachtree Street, Atlanta, GA 30309-3450 (US).

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

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(51)⁷ C12Q 1/68, C07H 21/04

(11) **WO 00/15850** (13) A1

(21) PCT/US99/21285

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) en (26) en

(30) 09/157,809 **17 Sep/sep 1998 (17.09.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● ASSAYS FOR MEASURING NUCLEIC ACID BINDING PROTEINS AND ENZYME ACTIVITIES

● ANALYSES PERMETTANT D'EFFECTUER DES MESURES RELATIVES AUX PROTEINES DE LIAISON DES ACIDES NUCLEIQUES ET A L'ACTIVITE ENZYMATIQUE

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(72) **HEROUX, Jeffrey, A.**; 4192 Palamino Lane, Middletown, MD 21769 (US). **KIBBEY, Maria, C.**; 12608 Blue Mountain Court, Damascus, MD 20878 (US). **KENTEN, John, H.**; 21021 Sugar Ridge Terrace, Boyds, MD 20841 (US).

(74) **BYRNE, Thomas, E.**; Nixon & Vanderhye P.C., Suite 800, 1100 North Glebe Road, Arlington, VA 22201-4714 (US).

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

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(51)⁷ C12Q 1/68, G06F 17/30

(11) **WO 00/15851** (13) A1

(21) PCT/US99/21525

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) en (26) en

(30) 60/101,009 **17 Sep/sep 1998 (17.09.1998)** US

(30) 09/398,404 **16 Sep/sep 1999 (16.09.1999)** US

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● GEOMETRICAL AND HIERARCHICAL CLASSIFICATION BASED ON GENE EXPRESSION

● CLASSIFICATION GEOMETRIQUE ET HIERARCHIQUE FONDEE SUR L'EXPRESSION GENETIQUE

(63) US 60/101,009 (CIP)
17 Sep/sep 1998 (17.09.1998)

US 09/398,404 (CIP)
16 Sep/sep 1999 (16.09.1999)

(71) **CURAGEN CORPORATION** [US/US]; 13th floor, 555 Long Wharf Drive, New Haven, CT 06511 (US).
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(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁶ C12Q 1/68, C12P 19/34, C07H 21/02, 21/04

(11) **WO 00/15852** (13) A1

(21) PCT/US99/21645

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) en (26) en

(30) 09/157,351 **17 Sep/sep 1998 (17.09.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● SELECTIVE AFLP PRIMERS FOR REDUCTION OF COMPLEXITY OF MARKER GENOTYPING AND DNA MARKERS FOR LOBLOLLY PINE

● AMORCES SELECTIVES DE POLYMORPHISMES DE LONGUEUR DE FRAGMENTS AMPLIFIES (AFLP) SERVANT A REDUIRE LA COMPLEXITE DU GENOTYPAGE DES MARQUEURS, ET MARQUEURS D'ADN DU PIN TAEDA

(71) **INTERNATIONAL PAPER COMPANY** [US/US]; Two Manhattanville Road, Purchase, NY 10577 (US).

(72) **YUE, Yong, G.**; 14207 Nicholas Drive, Westfield, IN 46074 (US).

(74) **LICATA, Jane, Massey** et al. / etc.; Law Offices of Jane Massey Licata, 66 E. Main Street, Marlton, NJ 08053 (US).

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

(51)⁷ C12Q 1/70, 1/68, C12P 21/06, C07H 21/04, A61K 39/00, 39/12, 39/21, 39/17

(11) **WO 00/15853** (13) A1

(21) PCT/US99/21081

(22) 14 Sep/sep 1999 (14.09.1999)

(25) en (26) en

(30) 09/152,845 14 Sep/sep 1998 US
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • RECOMBINANT NEWCASTLE DISEASE VIRUS RNA EXPRESSION SYSTEMS AND VACCINES
- SYSTEMES D'EXPRESSION D'ARN DU VIRUS RECOMBINANT DE LA MALADIE DE NEWCASTLE ET VACCINS CORRESPONDANTS

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(72) GARCIA-SASTRE, Adolfo; 1249 Park Avenue #8D, New York, NY 10029 (US). PALESE, Peter; 414 Highwood Avenue, Leonia, NJ 07605 (US).

(74) CORUZZI, Laura, A. et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

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

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(51)⁷ C21D 8/02, 8/12

(11) WO 00/15854 (13) A1

(21) PCT/EP99/06814

(22) 15 Sep/sep 1999 (15.09.1999)

(25) en (26) en

(30) RM98A000592 15 Sep/sep 1998 IT
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • PROCESS FOR THERMAL TREATMENT OF STEEL STRIP
- PROCEDE DE TRAITEMENT THERMIQUE D'UNE BANDE D'ACIER

(71) ACCIAI SPECIALI TERNI S.P.A. [IT/IT]; Viale Benedetto Brin, 218, I-05100 Terni (IT).
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(74) GERVASI, Gemma; Notarbartolo & Gervasi, Corso di Porta Vittoria, 9, I-20122 Milan (IT).

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

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(51)⁷ C22B 7/04, C21B 3/00, 11/08

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(21) PCT/AT99/00224

(22) 14 Sep/sep 1999 (14.09.1999)

(25) de (26) de

(30) A 1556/98 15 Sep/sep 1998 AT
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • METHOD FOR REPROCESSING STEEL SLAGS AND FERRIFEROUS MATERIALS
- PROCEDE POUR RETRAITER DES LAITIERES D'ACIER ET DES MATERIAUX FERRIFERES

(71) HOLDERBANK FINANCIERE GLARUS AG [CH/CH]; Insel 14, CH-8750 Glarus (CH).
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(74) HAFFNER, Thomas, M.; Schottengasse 3a, A-1014 Wien (AT).

(81) AU CA CZ HU MX NZ SK US ZA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)⁶ C22B 11/00, 11/08, 3/02, 3/04, 3/00, 3/12, 3/06

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(21) PCT/AU99/00749

(22) 9 Sep/sep 1999 (09.09.1999)

(25) en (26) en

(30) PP 5958 16 Sep/sep 1998 AU
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • A PROCESS FOR GOLD EXTRACTION
- PROCEDE D'EXTRACTION D'OR

(71) ACACIA RESOURCES LIMITED [AU/AU]; Level 11, 60 City Road, South Melbourne, VIC 3205 (AU).
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(72, 75) LETHLEAN, William, Ronald [AU/AU]; Level 11, 60 City Road, South Melbourne, VIC 3205 (AU).

(74) WATERMARK PATENT & TRADEMARK ATTORNEYS; 2nd floor, 290 Burwood Road, Hawthorn, VIC 3122 (AU).

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

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(51)⁶ C22B 15/00

(11) WO 00/15857 (13) A1

(21) PCT/US99/21219

(22) 14 Sep/sep 1999 (14.09.1999)

(25) en (26) en

(30) 60/100,184 14 Sep/sep 1998 US
(14.09.1998)(30) 60/100,322 15 Sep/sep 1998 US
(15.09.1998)(30) 09/389,134 2 Sep/sep 1999 US
(02.09.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • PROCESS FOR EXTRACTING AND RECOVERING COPPER
- PROCEDE RELATIF A L'EXTRACTION ET A LA RECUPERATION DE CUIVRE

(71) HENKEL CORPORATION [US/US]; Suite 200, 2500 Renaissance Boulevard, Gulph Mills, PA 19406 (US).

(72) VIRNIG, Michael, J.; 5013 N. Amapola Drive, Tucson, AZ 85745 (US). GRINSTEIN, Rueben; 5615 N. Pontatoc Road, Tucson, AZ 85718 (US). SUDDERTH, R., Brantley; 7164 N. Lemmon Rock Place, Tucson, AZ 85718 (US). WOLFE, George; 2935 S. Sheila Avenue, Tucson, AZ 85735 (US). OLAFSON, Stephen; 9670 N. Cliff View Place, Tucson, AZ 85737 (US).

(74) DRACH, John, E.; Henkel Corporation, Suite 200, 2500 Renaissance Boulevard, Gulph Mills, PA 19406 (US).

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

(51)⁷ C22C 5/02, H01H 1/02, C22C 9/00, 21/00

(11) WO 00/15858 (13) A1

(21) PCT/US99/21217

(22) 14 Sep/sep 1999 (14.09.1999)

(25) en (26) en

- (30) 60/100,272 **14 Sep/sep 1998** US
(14.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● WIRE-BONDING ALLOY COMPO-SITES
● COMPOSITE EN ALLIAGE POUR MI-CROCABLAGE
- (63) US 60/100,272 (CIP)
14 Sep/sep 1998 (14.09.1998)
- (71) **KULICKE & SOFFA INVESTMENTS, INC.** [US/US]; 2101 Blair Mill Road, Willow Grove, PA 19090 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ELLIS, Timothy, W.** [US/US]; 11 Versailles Circle, Doylestown, PA 18901 (US).
- (74) **BARRON, Alexis** et al. / etc.; Synnestvedt & Lechner LLP, 2600 Aramark Tower, 1101 Market Street, Philadelphia, PA 19107 (US).
- (81) CN JP KR SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)⁶ **C22C 21/06, 21/02**
- (11) **WO 00/15859** (13) A1
- (21) PCT/JP99/04886
- (22) **9 Sep/sep 1999 (09.09.1999)**
- (25) ja (26) ja
- (30) 10/257297 **10 Sep/sep 1998** JP
(10.09.1998)
- (30) 11/59210 **5 Mar/mar 1999** JP
(05.03.1999)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● Al-Mg-Si ALLOY SHEET
● FEUILLE EN ALLIAGE Al-Mg-Si
- (71) **KABUSHIKI KAISHA KOBE SEIKO SHO** [JP/JP]; 3-18, Wakinohamacho 1-chome, Chuo-ku, Kobe-shi, Hyogo 651-0072 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MATSUMOTO, Katsushi** [JP/JP]; Kobe Corporate Research Laboratories in Kobe Steel, Ltd., 5-5, Takatsukadai 1-chome, Nishi-ku, Kobe-shi, Hyogo 651-2271 (JP). **SUGIZAKI, Yasuaki** [JP/JP]; Kobe Corporate Research Laboratories in Kobe Steel, Ltd., 5-5, Takatsukadai 1-chome, Nishi-ku, Kobe-shi, Hyogo 651-2271 (JP). **YANAGAWA, Masahiro** [JP/JP]; Kobe Corporate Research Laboratories in Kobe Steel, Ltd., 5-5, Takatsukadai 1-chome, Nishi-ku, Kobe-shi, Hyogo 651-2271 (JP). **SEKI, Yuichi** [JP/JP]; Kobe Corporate Research Laboratories in Kobe Steel, Ltd., 5-5, Takatsukadai 1-chome, Nishi-ku, Kobe-shi, Hyogo 651-2271 (JP).
- (74) **KOTANI, Etsuji** et al. / etc.; Sumisei Naniwasuji Honmachi Building 3-2, Utsubohonmachi 2-chome, Nishi-ku, Osaka-shi, Osaka 550-0004 (JP).
- (81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **C23C 4/00, 4/02, D06M 11/00**
- (11) **WO 00/15860** (13) A1
- (21) PCT/EP99/06810
- (22) **14 Sep/sep 1999 (14.09.1999)**
- (25) de (26) de
- (30) 198 42 025.0 **14 Sep/sep 1998** DE
(14.09.1998)
- (30) 199 43 411.5 **10 Sep/sep 1999** DE
(10.09.1999)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● METHOD FOR PRODUCING SHAPED BODIES
● PROCEDE POUR PRODUIRE DES CORPS MOULES
- (71) **FRENZELIT-WERKE GMBH & CO. KG** [DE/DE]; Frankenhammer, D-95460 Bad Berneck (DE). **ATZ-EVUS APPLIKATIONS-UND TECHNIKZENTRUM FÜR ENERGIEVERFAHRENS-, UMWELT-UND STRÖMUNGSTECHNIK** [DE/DE]; Kropfersrichterstrasse 6-8, D-92237 Sulzbach-Rosenberg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BERGMANN, Hans-Wilhelm** [DE/DE]; Heidegasse 3a, D-95494 Gesees (DE). **ÜBELMESSER, Peter** [DE/DE]; Nennmannsreuth 25, D-95460 Bad Berneck (DE).
- (74) **BECKER, Eberhard**; Becker, Kurig, Straus, Bavariastrasse 7, D-80336 München (DE).
- (81) AU BR CA CZ HU IN JP MX PL SI US ZA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)⁶ **C23C 4/10**
- (11) **WO 00/15861** (13) A1
- (21) PCT/JP99/04900
- (22) **9 Sep/sep 1999 (09.09.1999)**
- (25) ja (26) ja
- (30) 10/272487 **10 Sep/sep 1998** JP
(10.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● THERMAL SPRAY MATERIAL AND MEMBER WITH FILM FORMED BY THERMAL SPRAYING OF THE SAME
● SUBSTANCE DE PULVERISATION THERMIQUE ET CORPS PRESENTANT UN FILM FORME PAR PULVERISATION THERMIQUE DE CETTE SUBSTANCE
- (71) **NIPPON STEEL HARDFACING CO., LTD.** [JP/JP]; 3-8, Yaesu 1-chome, Chuo-ku, Tokyo 103-0028 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SATO, Takao** [JP/JP]; Nippon Steel Hardfacing Co., Ltd., 3-8, Yaesu 1-chome, Chuo-ku, Tokyo 103-0028 (JP). **TARUMI, Kiyohiro** [JP/JP]; Nippon Steel Hardfacing Co., Ltd., 3-8, Yaesu 1-chome, Chuo-ku, Tokyo 103-0028 (JP). **MICHIKATA, Yuusei** [JP/JP]; Nippon Steel Hardfacing Co., Ltd., 3-8, Yaesu 1-chome, Chuo-ku, Tokyo 103-0028 (JP). **HORIE, Yoshihisa** [JP/JP]; Powlex Kabushiki Kaisha, 5-1, Uenosakuragi 2-chome, Taito-ku, Tokyo 110-0002 (JP). **YASUOKA, Junichi** [JP/JP]; Powlex Kabushiki Kaisha, 1719, Omama, Omama-cho, Yamada-gun, Gunma 376-0101 (JP).
- (74) **KISHIDA, Masayuki** et al. / etc.; Marunouchi-Yaesu Building, Room 424, 6-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
- (81) AU BR CN KR US; EP (BE CH DE DK ES FI FR GB IT NL SE).
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- (51)⁷ **C23C 8/80, B21C 25/00**
- (11) **WO 00/15862** (13) A1
- (21) PCT/SE99/01584
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) sv (26) en
- (30) 9803097-6 **11 Sep/sep 1998** SE
(11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● A METHOD AND A DEVICE FOR THE TREATMENT OF A TOOL, AND A MEDIUM
● PROCEDE ET DISPOSITIF DE TRAITEMENT D'UN OUTIL, ET MILIEU ASSOCIE
- (71) **AGA AKTIEBOLAG (publ)** [SE/SE]; S-181 81 Lindigö (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SPROGE, Lars** [SE/SE]; Junkervägen 12, S-191 33 Sollentuna (SE).
- (74) **BJERGLUND, Stefan** et al. / etc.; Bjerkéns Patentbyrå KB, Östermalmsgatan 58, S-114 50 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 GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)

(51)⁶ C23C 14/34, B23K 31/00

(11) WO 00/15863 (13) A1

(21) PCT/US99/19869

(22) 27 Aug/août 1999 (27.08.1999)

(25) en (26) en

(30) 60/099,981 11 Sep/sep 1998 US
(11.09.1998)(30) 60/129,559 16 Apr/avr 1999 US
(16.04.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • LOW TEMPERATURE SPUTTER TARGET BONDING METHOD AND TARGET ASSEMBLIES PRODUCED THEREBY

- PROCEDE DE LIAISON D'UNE CIBLE DE PULVERISATION CATHODIQUE BASSE TEMPERATURE ET ENSEMBLES CIBLES PRODUITS SELON CE PROCEDE

(71) TOSOH SMD, INC. [US/US]; 3600 Gant Road, Grove City, OH 43123-1895 (US).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) IVANOV, Eugene, Y. [US/US]; 3198 Windsor Place, Grove City, OH 43123 (US).
CONARD, Harry, W. [US/US]; 7493 Harrisburg London Road, Orient, OH 43146 (US).

(74) PEACOCK, Bruce, E. et al. / etc.; Biebel & French, 35 East First Street, Dayton, OH 45402 (US).

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

(51)⁶ C23C 14/50

(11) WO 00/15864 (13) A1

(21) PCT/JP99/04948

(22) 10 Sep/sep 1999 (10.09.1999)

(25) ja (26) ja

(30) 10/258973 11 Sep/sep 1998 JP
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • LASER HEATER

- GENERATEUR DE CHALEUR LASER

(71) JAPAN SCIENCE AND TECHNOLOGY CORPORATION [JP/JP]; 1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) KOINUMA, Hideomi [JP/JP]; Tokyo Inst. Tech, 4259 Nagatsuta-cho, Midori-ku, Yokohama-shi, Kanagawa 226-0026 (JP).
KAWASAKI, Masashi [JP/JP]; Tokyo Inst. Tech, 4259 Nagatsuta-cho, Midori-ku, Yokohama-shi, Kanagawa 226-0026 (JP).

(74) HIRAYAMA, Kazuyuki; 6th floor, YKB-Sunny Building, 32-8, Yotsuya 4-chome, Shinjuku-ku, Tokyo 160-0004 (JP).

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

(51)⁷ C23C 16/00, 16/44, C30B 25/02, 29/22, H01L 39/24, 39/12

(11) WO 00/15865 (13) A1

(21) PCT/FI99/00741

(22) 13 Sep/sep 1999 (13.09.1999)

(25) fi (26) en

(30) 981959 11 Sep/sep 1998 FI
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR GROWING OXIDE THIN FILMS CONTAINING BARIUM AND STRONTIUM

- PROCEDE DE CROISSANCE DE COUCHES MINCES D'OXYDE CONTENANT DU BARYUM ET DU STRONTIUM

(71) ASM MICROCHEMISTRY LTD [FI/FI]; Kutojantie 2 B, FIN-02630 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) LESKELÄ, Markku [FI/FI]; Rauduntie 19 D, FIN-02130 Espoo (FI).
RITALA, Mikko [FI/FI]; Antreantie 8 B 4, FIN-02140 Espoo (FI).
HATANPÄÄ, Timo [FI/FI]; Aamuyönkuja 3 B, FIN-02210 Espoo (FI).
HÄNNINEN, Timo [FI/FI]; Pitkäsillanranta 7 - 9 A 10, FIN-00530 Helsinki (FI).
VEHKAMÄKI, Marko [FI/FI]; Rautalamminntie 3 B 409, FIN-00550 Helsinki (FI).

(74) SEPPÖ LAINE OY; Itämerenkatu 3 B, FIN-00180 Helsinki (FI).

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

(51)⁷ C23C 16/00, 16/06

(11) WO 00/15866 (13) A1

(21) PCT/KR99/00539

(22) 11 Sep/sep 1999 (11.09.1999)

(25) en (26) en

(30) 1998/37521 11 Sep/sep 1998 KR
(11.09.1998)(30) 1998/53575 8 Dec/déc 1998 KR
(08.12.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • CHEMICAL DEPOSITION METHOD USING CATALYST ON SURFACE

- PROCEDE DE CHIMIO-DEPOSITION UTILISANT UN CATALYSEUR ETALE SUR UNE SURFACE

(71) GENITECH CO., LTD. [KR/KR]; 1694-5 Shinil-dong, Taedeok-gu, Taejon 306-230 (KR).

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

(72, 75) LEE, Ji-Hwa [KR/KR]; 4-805 Kunnoung 3rd Apt., Shinlim 9-dong, Kwana-gu, Seoul 151-765 (KR).
HWANG, Eui-Seong [KR/KR]; 1012-1008 Kocheung Apt., 30 Haahn-dong, Kwangmuyung-shi, Kyonggi-do 423-060 (KR).

(74) HUH, Jin-Seok; J.S. HUH Patent Office, 206 Sungji Building, 1338-22 Seocho-dong, Seocho-ku, Seoul 137-070 (KR).

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

Published / Publiée : (c)

(51)⁶ C23C 16/00, C23F 1/02

(11) WO 00/15867 (13) A1

(21) PCT/US99/21352

(22) 14 Sep/sep 1999 (14.09.1999)

(25) en (26) en

(30) 09/153,193 15 Sep/sep 1998 US
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • A METHOD AND APPARATUS FOR LAUNCHING MICROWAVE ENERGY INTO A PLASMA PROCESSING CHAMBER

- PROCEDE ET DISPOSITIF PERMETTANT L'EMISSION D'ENERGIE HYPERFREQUENCE DANS UNE CHAMBRE DE TRAITEMENT AU PLASMA

(71) PLASMAQUEST, INC. [US/US]; 12024 Forestgate Drive, Dallas, TX 75243 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DOUGHTY, Frank, C. [US/US]; 7545 Crested Butte, Plano, TX 75025 (US).

(74) YEE, Duke, W.; Carstens, Yee & Cahoon, LLP, Suite 900, 13760 Noel Road, Dallas, TX 75240 (US).

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

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(51)⁶ C23C 16/24

(11) WO 00/15868 (13) A1

(21) PCT/US99/21200

- (22) **15 Sep/sep 1999 (15.09.1999)**
(25) en (26) en
(30) 60/100,594 **16 Sep/sep 1998 US (16.09.1998)**
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • HIGH RATE SILICON DEPOSITION METHOD AT LOW PRESSURES
• PROCEDE DE DEPOT DE SILICIUM A FORT DEBIT SOUS PRESSION REDUITE
- (71) **TORREX EQUIPMENT CORPORATION** [US/US]; Suite H, 4771 Arroyo Vista, Livermore, CA 94550 (US).
- (72) **COOK, Robert, C.**; Torrex Equipment Corporation, Suite H, 4771 Arroyo Vista, Livermore, CA 94550 (US). **BRORS, Daniel, L.**; Torrex Equipment Corporation, Suite H, 4771 Arroyo Vista, Livermore, CA 94550 (US).
- (74) **JAFFER, David, H.**; Rosenblum, Parish & Isaacs, 15th floor, 160 W. Santa Clara Street, San Jose, CA 95113 (US).
- (81) CA CN IL JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)⁷ **C23C 16/26, 16/02, 28/04**
(11) **WO 00/15869** (13) A1
(21) PCT/FR99/02158
(22) **10 Sep/sep 1999 (10.09.1999)**
(25) fr (26) fr
(30) 98/11340 **11 Sep/sep 1998 FR (11.09.1998)**
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • PART BASED ON ALUMINIUM COATED WITH AMORPHOUS HARD CARBON
• PIECE A BASE D'ALUMINIUM REVE-TUE DE CARBONE DUR AMORPHE
- (71) **COMMISSARIAT A L'ENERGIE ATOMIQUE** [FR/FR]; 31-33, rue de la Fédération, F-75752 Paris 15ème (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BERHAULT, Caroline** [FR/FR]; Route de Saint-Donat, F-38250 Lans-en-Vercors (FR). **SCHUSTER, Frédéric** [FR/FR]; 26, rue du Dr Greffier, F-38000 Grenoble (FR).
- (74) **SIGNORE, Robert**; Brevatome, 3, rue du Docteur Lancereaux, F-75008 Paris (FR).
- (81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **C23C 16/52**
(11) **WO 00/15870** (13) A1
(21) PCT/US99/21114
(22) **13 Sep/sep 1999 (13.09.1999)**
(25) en (26) en
- (30) 09/152,849 **14 Sep/sep 1998 US (14.09.1998)**
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • WAFER PROCESSING REACTOR SYSTEM WITH PROGRAMMABLE PROCESSING PARAMETERS AND METHOD
• SYSTEME DE REACTEUR POUR TRAITEMENT DE TRANCHES A PARAMETRES DE TRAITEMENT PROGRAMMABLES ET PROCEDE CORRESPONDANT
- (71) **APPLIED MATERIALS, INC.** [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US).
- (72) **PUTNAM-PITE, Douglas, V.**; 212 Liberty Street, Santa Cruz, CA 95060 (US). **TRACEY, Tami, J.**; 375 Huckleberry Lane, Boulder Creek, CA 95006 (US). **OTAGURO, Curtis, M.**; 885 Plymouth Drive, Gilroy, CA 95020 (US). **DAVIDSON, Donald, W.**; 311 Townsend Drive, Aptos, CA 95003 (US). **YOUNG, Lydia, J.**; 2266 St. Francis Drive, Palo Alto, CA 94303 (US). **PARK, Jae**; 10490 Stokes Avenue, Cupertino, CA 95014 (US).
- (74) **BERNADICOU, Michael, A.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).
- (81) JP KR.
- Published / Publiée : (c)
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- (51)⁶ **C23F 11/12, C09D 5/08, 191/00**
(11) **WO 00/15871** (13) A1
(21) PCT/AU99/00745
(22) **10 Sep/sep 1999 (10.09.1999)**
(25) en (26) en
(30) PP 5807 **11 Sep/sep 1998 AU (11.09.1998)**
(30) PP 6739 **27 Oct/oct 1998 AU (27.10.1998)**
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • RUST PREVENTATIVE COMPOSITION
• COMPOSITION ANTIROUILLE
- (71) **NEW FORREST PTY. LTD.** [AU/AU]; 8 McPherson Street, Menora, W.A. 6050 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RICE, Philip, Frederick** [AU/AU]; (AU). **RICE, Frederick, John** [AU/AU]; 8 McPherson Street, Menora, W.A. 6050 (AU).
- (74) **LORD, Kelvin, Ernest**; Lord & Company, 4 Douro Place, West Perth, W.A. 6005 (AU).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C25C 3/22, B01D 53/68, B07B 4/02, C01F 7/46**
(11) **WO 00/15873** (13) A1
(21) PCT/NO99/00284
(22) **16 Sep/sep 1999 (16.09.1999)**
(25) en (26) en
(30) 19984318 **17 Sep/sep 1998 NO (17.09.1998)**
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • METHOD AND DEVICE FOR A DRY CLEANSING PLANT FOR ALUMINIUM REDUCTION FURNACES EXHAUST GAS
• PROCEDE ET DISPOSITIF POUR INSTALLATION DE NETTOYAGE A SEC DU GAZ D'ECHAPPEMENT DE FOURS DE REDUCTION D'ALUMINIUM
- (51)⁷ **C25B 9/00, 3/02**
(11) **WO 00/15872** (13) A1
(21) PCT/EP99/06684
(22) **10 Sep/sep 1999 (10.09.1999)**
(25) de (26) de
(30) 198 41 302.5 **10 Sep/sep 1998 DE (10.09.1998)**
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • REACTOR AND METHOD FOR CARRYING OUT ELECTROCHEMICAL REACTIONS
• REACTEUR ET PROCEDE POUR EFFECTUER DES REACTIONS ELECTROCHIMIQUES
- (71) **INSTITUT FÜR MIKROTECHNIK MAINZ GMBH** [DE/DE]; Carl-Zeiss-Strasse 18-20, D-55129 Mainz (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LÖWE, Holger** [DE/DE]; Anna-Seghers-Strasse 3, D-55276 Oppenheim (DE). **KÜPPER, Michael** [DE/DE]; Große Hub 6, D-65344 Eltville-Martinsthal (DE). **ZIOGAS, Athanassios** [DE/DE]; Hegelstrasse 39a, D-55122 Mainz (DE).
- (74) **INSTITUT FÜR MIKROTECHNIK MAINZ GMBH**; Carl-Zeiss-Strasse 18-20, D-55129 Mainz (DE).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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(71) **ABB FLÄKT AB** [SE/SE]; S-120 86 Stockholm (SE).

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(72, 75) **BJARNØ, Odd, E.** [NO/NO]; Tante Ulrikkes vei 10c, N-0984 Oslo (NO). **BØCK-MAN, Ole, K.** [NO/NO]; Lavsbråtvn. 249, N-0674 Oslo (NO).

(74) **TANDBERGS PATENTKONTOR AS**; Boks 7085, N-0306 Oslo (NO).

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

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(11) **WO 00/15874** (13) A1

(21) PCT/EP99/06583

(22) **7 Sep/sep 1999 (07.09.1999)**

(25) de (26) de

(30) 198 41 587.7 **11 Sep/sep 1998 (11.09.1998)** DE

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● ELECTROLYTIC CELL FOR ELECTROCHEMICALLY DEPOSITING ONE OF THE FOLLOWING METALS: COPPER, ZINC, LEAD, NICKEL OR COBALT

● CELLULE ELECTROLYTIQUE DESTINEE A LA SEPARATION ELECTROCHIMIQUE D'UN DES METAUX CUIVRE, ZINC, PLOMB, NICKEL OU COBALT

(71) **METALLGESELLSCHAFT AG** [DE/DE]; Bockenheimer Landstrasse 73-77, D-60325 Frankfurt am Main (DE).

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(72, 75) **ANASTASIJEVIC, Nikola** [YU/DE]; Zum Niddersteg 11, D-63674 Altenstadt (DE). **LAIBACH, Stefan** [DE/DE]; Hauptstrasse 45, D-36419 Geismar (DE). **DOBNER, Reinhard** [DE/DE]; Rathenaustrasse 39, D-44632 Lünen (DE). **SCHATTON, Helmut** [DE/DE]; Augustin Wibbelstrasse 2, D-44534 Lünen (DE).

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(81) AU FI US.

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(51)⁶ C25D 1/04, H01M 4/80

(11) **WO 00/15875** (13) A1

(21) PCT/JP99/04967

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) ja (26) ja

(30) 10/279381 **14 Sep/sep 1998 (14.09.1998)** JP

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● POROUS COPPER FOIL, USE THEREOF AND METHOD FOR PREPARATION THEREOF

● FEUILLE DE CUIVRE POREUSE, SON UTILISATION ET SON PROCEDE DE PRODUCTION

(71) **MITSUI MINING & SMELTING CO., LTD.** [JP/JP]; 1-11, Osaki 1-chome, Shinagawa-ku, Tokyo 141-8584 (JP).

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(72, 75) **SUGIMOTO, Akiko** [JP/JP]; Mitsui Mining & Smelting Co., Ltd., Corporate R & D Center, 1333-2 Haraichi, Ageo-shi, Saitama 362-0021 (JP). **OBATA, Shinichi** [JP/JP]; Mitsui Mining & Smelting Co., Ltd., Corporate R & D Center, 1333-2 Haraichi, Ageo-shi, Saitama 362-0021 (JP).

YOSHIOKA, Atsushi [JP/JP]; Mitsui Mining & Smelting Co., Ltd., Corporate R & D Center, 1333-2 Haraichi, Ageo-shi, Saitama 362-0021 (JP).

DOBASHI, Makoto [JP/JP]; Mitsui Mining & Smelting Co., Ltd., Corporate R & D Center, 1333-2 Haraichi, Ageo-shi, Saitama 362-0021 (JP).

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KATAOKA, Takashi [JP/JP]; Mitsui Mining & Smelting Co., Ltd. Copper Foil Sector Copper Foil Division, 656-2 Kamakurabashi, Ageo-shi, Saitama 362-0013 (JP).

SAKAI, Hisao [JP/JP]; Mitsui Mining & Smelting Co., Ltd. Copper Foil Sector Copper Foil Division, 656-2 Kamakurabashi, Ageo-shi, Saitama 362-0013 (JP).

TAKAHASHI, Masaru [JP/JP]; Mitsui Mining & Smelting Co., Ltd. Copper Foil Sector Copper Foil Division, 656-2 Kamakurabashi, Ageo-shi, Saitama 362-0013 (JP).

BABA-SAKI, Youichi [JP/JP]; Mitsui Mining & Smelting Co., Ltd. Copper Foil Sector Copper Foil Division, 656-2 Kamakurabashi, Ageo-shi, Saitama 362-0013 (JP).

MATSUI, Yoshinari [JP/JP]; Mitsui Mining & Smelting Co., Ltd. Copper Foil Sector Copper Foil Division, 656-2 Kamakurabashi, Ageo-shi, Saitama 362-0013 (JP).

HARA, Yasuji [JP/JP]; Mitsui Mining & Smelting Co., Ltd. Copper Foil Sector Copper Foil Division, 656-2 Kamakurabashi, Ageo-shi, Saitama 362-0013 (JP).

TANAKA, Daisuke; No.1 Misawa Building, 15-2, Hongo 1-chome, Bunkyo-ku, Tokyo 113-0033 (JP).

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

(51)⁶ C25D 5/12

(11) **WO 00/15876** (13) A1

(21) PCT/JP99/04951

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) ja (26) ja

(30) 10/258036 **11 Sep/sep 1998 (11.09.1998)** JP

(30) 10/273136 **28 Sep/sep 1998 (28.09.1998)** JP

(30) 10/273276 **28 Sep/sep 1998 (28.09.1998)** JP

(30) 10/273451 **28 Sep/sep 1998 (28.09.1998)** JP

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● METAL MATERIAL

● MATERIAU METALLIQUE

(71) **NIPPON MINING & METALS CO., LTD.** [JP/JP]; 10-1, Toranomom 2-chome, Minato-ku, Tokyo 105-0001 (JP).

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(72, 75) **ASAHARA, Hajime** [JP/JP]; Kurami Works of Nippon Mining & Metals Co., Ltd., 3 Kurami, Samukawa-cho, Koza-gun, Kanagawa 253-0101 (JP). **FUKAMACHI, Kazuhiko** [JP/JP]; Kurami Works of Nippon Mining & Metals Co., Ltd., 3 Kurami, Samukawa-cho, Koza-gun, Kanagawa 253-0101 (JP).

(74) **SUENARI, Mikio**; Hitachi 6th Building 4th floor 6-14, Kyobashi 2-chome, Chuo-ku, Tokyo 104-0031 (JP).

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

(51)⁷ C25D 11/00

(11) **WO 00/15877** (13) A2

(21) PCT/EP99/06800

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) de (26) de

(30) 198 42 284.9 **16 Sep/sep 1998 (16.09.1998)** DE

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● METHOD AND DEVICE FOR PRODUCING WEAR RESISTING SURFACES

● PROCEDE ET DISPOSITIF POUR PRODUIRE DES SURFACES ANTI-USURE

(71) **LUK FAHRZEUG-HYDRAULIK GMBH & CO. KG** [DE/DE]; Georg-Schaeffler-Strasse 3, D-61352 Bad Homburg (DE).

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(72, 75) **LAUSSER, Christof** [AT/DE]; Albert-Schweitzer-Strasse 17, D-61381 Friedrichsdorf (DE). **LAUTH, Hans-Jürgen** [DE/DE]; Stabelsteiner Weg 46a, D-61267 Neu-Anspach (DE).

(74) **GLEISS, Alf-Olav** et al. / etc.; Maybachstrasse 6A, D-70469 Stuttgart (DE).

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

(51)⁷ C25D 11/34, 5/48

(11) **WO 00/15878** (13) A1

(21) PCT/FR99/02141

(22) 9 Sep/sep 1999 (09.09.1999)

(25) fr (26) fr

(30) 98/11441 15 Sep/sep 1998 FR
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ZINC COATED STEEL PLATES COATED WITH A PRE-LUBRICATING HYDROXYSULPHATE LAYER AND METHODS FOR OBTAINING SAME

- TOLES D'ACIER ZINGUE REVETUES D'UNE COUCHE PRELUBRIFIANTE D'HYDROXYSULFATE ET PROCÉDES D'OBTENTION DE CETTE TOLE

(71) SOLLAC [FR/FR]; Immeuble "La Pacific", La Défense 7, 11/13, Cours Valmy, F-92800 Puteaux (FR).

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(74) NEYRET, Daniel; Usinor, Direction de la Propriété Industrielle, Immeuble "La Pacific", TSA 10001, F-92070 La Défense Cedex (FR).

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

(51)⁶ C25D 11/36, C23C 28/00

(11) WO 00/15879 (13) A1

(21) PCT/US99/21117

(22) 13 Sep/sep 1999 (13.09.1999)

(25) en (26) en

(30) 10/258765 11 Sep/sep 1998 JP
(11.09.1998)(30) 11/206973 22 Jul/juil 1999 JP
(22.07.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR FORMING A LUBRICATIVE FILM FOR COLD WORKING
• PROCÉDE PERMETTANT DE FORMER UN FILM LUBRIFIANT ADAPTE AU TRAVAIL A FROID

(71) HENKEL CORPORATION [US/US]; Suite 200, 2500 Renaissance Boulevard, Gulph Mills, PA 19406 (US).

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(72, 75) KOBAYASHI, Naoyuki [JP/JP]; 2761-48 A901 Obatakitayama, Moriyama-ku, Nagoya-shi, Aichi-ken 463-0011 (JP). MORIYAMA, Atsushi [JP/JP]; 1-301 No. 201 Nakahita Tenpaku-ku, Nagoya-shi, Aichi-ken 468-0014 (JP).

(74) HARPER, Stephen, D.; Henkel Corporation, Suite 200, 2500 Renaissance Boulevard, Gulph Mills, PA 19406 (US).

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

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(51)⁷ C25F 1/06

(11) WO 00/15880 (13) A1

(21) PCT/EP99/06451

(22) 2 Sep/sep 1999 (02.09.1999)

(25) en (26) en

(30) MI98A001998 11 Sep/sep 1998 IT
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • PROCESS FOR ELECTROLYTIC PICKLING USING NITRIC ACID-FREE SOLUTIONS

- PROCÉDE DE DECAPAGE ELECTROLYTIQUE A L'AIDE DE SOLUTIONS EXEMPTES D'ACIDE NITRIQUE

(71) HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN [DE/DE]; Henkelstrasse 67, D-40589 Düsseldorf (DE). ACCIAI SPECIALI TERNI S.P.A. [IT/IT]; Viale B. Brin, 218, I-05100 Terni (IT).
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(72, 75) FORTUNATI, Sandro [IT/IT]; Viale Giannelli, 49, I-05100 Terni (IT). MANCIA, Franco [IT/IT]; Via dei Ciclamini, 106, I-00171 Roma (IT). MUSSO, Augusto [IT/IT]; Via Prenestina, 292, I-00171 Roma (IT). DEMERTZIS, Yoannis [GR/IT]; Via Cadibona, 18, I-20136 Milano (IT). TRASATTI, Stefano [IT/IT]; Piazza Guardi, 4, I-20133 Milano (IT). GIORDANI, Paolo [IT/IT]; Via Bappuccini, 80/A, I-26013 Crema (IT).

(74) HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN; Patente (VTP), D-40191 Düsseldorf (DE).

(81) AU BG BR BY CA CN CZ GE HR HU ID IN IS JP KG KP KR KZ LK LT LV MD MX NO NZ PL RO RU SG SI SK TJ TM TR UA US UZ VN YU ZA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)⁷ C30B

(11) WO 00/15881 (13) A2

(21) PCT/KR99/00541

(22) 14 Sep/sep 1999 (14.09.1999)

(25) en (26) en

(30) 1998/37727 14 Sep/sep 1998 KR
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • GAS FEEDING SYSTEM FOR CHEMICAL VAPOR DEPOSITION REACTOR AND METHOD OF CONTROLLING THE SAME

- SYSTEME D'ALIMENTATION EN GAZ D'UN REACTEUR DE CHIMIO-DEPOSITION ET SON PROCÉDE DE COMMANDE

(71) GENITECH CO., LTD. [KR/KR]; 1694-5 Shinil-dong, Taedeok-gu, Taejon 306-230 (KR).

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(72, 75) LEE, Kyu-Hong [KR/KR]; 105-606 Hanul Apt., 160-1 Shinsung-dong, Yusong-gu, Taejon 305-345 (KR). KANG, Won-Gu [KR/KR]; 118-908 Hanbit Apt., 99 Uheun-dong, Yusong-gu, Taejon 305-333 (KR). KANG, Sang-Won [KR/KR]; 133-1506 Hanbit Apt., 99 Uheun-dong, Yusong-gu, Taejon 305-333 (KR).

(74) HUH, Jin-Seok; J.S. HUH Patent Office, 206 Sungji Building, 1338-22 Seocho-dong, Seocho-ku, Seoul 137-070 (KR).

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

(51)⁷ C30B

(11) WO 00/15882 (13) A2

(21) PCT/US99/19126

(22) 24 Aug/août 1999 (24.08.1999)

(25) en (26) en

(30) 09/139,994 25 Aug/août 1998 US
(25.08.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR SWITCHING THE PROPERTIES OF PEROVSKITE MATERIALS

- PROCÉDE DE MODIFICATION DES PROPRIETES DE MATIERES A BASE DE PEROVSKITE

(71) UNIVERSITY OF HOUSTON [US/US]; The E. Cullen Building, Room 316, 4800 Calhoun Street, Houston, TX 77204-2163 (US).

(72) LIU, Shangqing; 3828 Ruth Street #1, Houston, TX 77004 (US). WU, Naijuan; 4320 Leeland #2, Houston, TX 77023 (US). IGNATIEV, Alex; 4131 Greenoch, Houston, TX 77025 (US).

(74) COOKE, Claude, E., Jr. et al. / etc.; Baker & Botts, L.L.P., One Shell Plaza, 910 Louisiana, Houston, TX 77002-4995 (US).

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

(51)⁷ C30B 23/06, C23C 14/24

(11) WO 00/15883 (13) A1

(21) PCT/US99/20429

(22) 7 Sep/sep 1999 (07.09.1999)

(25) en (26) en

(30) 09/153,706 15 Sep/sep 1998 US
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • EFFUSION CELL AND METHOD OF USE IN MOLECULAR BEAM EPITAXY

- CELLULE A EFFUSION ET SON UTILISATION EN EPITAXIE PAR FAISCEAUX MOLECULAIRES
- (71) **COHERENT, INC.** [US/US]; 5100 Patrick Henry Drive, Santa Clara, CA 95056-0980 (US).
- (72) **SALOKATVE, Arto, K.**; Lindforsinkatu 8 B 33, FIN-33720 Tampere (FI). **POOLE, David, C.**; 4 Stoneybrook, Horsham, West Sussex RH12 1UN (GB).
- (74) **STALLMAN, Michael, A.** et al. / etc.; Limbach & Limbach L.L.P., 2001 Ferry Building, San Francisco, CA 94111 (US).
- (81) DE GB; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁶ **C30B 23/08, H01L 21/203**
- (11) **WO 00/15884** (13) A1
- (21) PCT/JP99/04946
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) ja (26) ja
- (30) 10/258967 **11 Sep/sep 1998 (11.09.1998)** JP
- (30) 10/258968 **11 Sep/sep 1998 (11.09.1998)** JP
- (30) 10/258969 **11 Sep/sep 1998 (11.09.1998)** JP
- (30) 10/258970 **11 Sep/sep 1998 (11.09.1998)** JP
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **COMBINATORIAL MOLECULAR LAYER EPITAXY DEVICE**
- **DISPOSITIF COMBINATOIRE D'ÉPITAXIE DE COUCHE MOLÉCULAIRE**
- (71) **JAPAN SCIENCE AND TECHNOLOGY CORPORATION** [JP/JP]; 1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP).
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- (71, 72) **KAWASAKI, Masashi** [JP/JP]; Tokyo Inst. Tech, 4259 Nagatsuta-cho, Midori-ku, Yokohama-shi, Kanagawa 226-0026 (JP).
- (72, 75) **KOINUMA, Hideomi** [JP/JP]; Tokyo Inst. Tech, 4259 Nagatsuta-cho, Midori-ku, Yokohama-shi, Kanagawa 226-0026 (JP).
- (74) **HIRAYAMA, Kazuyuki**; YKB-Sunny Building, 6th floor, 32-8, Yotsuya 4-chome, Shinjuku-ku, Tokyo 160-0004 (JP).
- (81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **C30B 25/02, 29/08, 29/52**
- (11) **WO 00/15885** (13) A1
- (21) PCT/FR99/02154
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) fr (26) fr
- (30) 98/11313 **10 Sep/sep 1998 (10.09.1998)** FR
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **METHOD FOR OBTAINING A MONO-CRYSTALLINE GERMANIUM LAYER ON A MONOCRYSTALLINE SILICON SUBSTRATE, AND RESULTING PRODUCTS**
- **PROCEDE D'OBTENTION D'UNE COUCHE DE GERMANIUM MONO-CRYSTALLIN SUR UN SUBSTRAT DE SILICIUM MONOCRISTALLIN, ET PRODUITS OBTENUS**
- (71) **FRANCE TELECOM** [FR/FR]; 6, place d'Alleray, F-75015 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HERNANDEZ, Caroline** [FR/FR]; 1, rue Bayard, F-38000 Grenoble (FR). **CAMPIDELLI, Yves** [FR/FR]; 48, avenue Alsace Lorraine, F-38000 Grenoble (FR). **BENSAHEL, Daniel** [FR/FR]; 6, rue Colbert, F-38000 Grenoble (FR).
- (74) **BUREAU D.A. CASALONGA-JOSSE**; 8, avenue Percier, F-75008 Paris (FR).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **D01F 6/92**
- (11) **WO 00/15886** (13) A1
- (21) PCT/EP99/06796
- (22) **14 Sep/sep 1999 (14.09.1999)**
- (25) de (26) de
- (30) 198 42 036.6 **14 Sep/sep 1998 (14.09.1998)** DE
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **THREADS MADE OF POLYMER BLEND FIBERS OR FILAMENTS BASED ON POLYETHYLENE TEREPHTHALATE, POLYBUTYLENE TEREPHTHALATE, AND POLYTRIMETHYLENE TEREPHTHALATE, AND THE USE THEREOF**
- **FILS A BASE DE FIBRES OU DE FILAMENTS DE MELANGES POLYMERES, A BASE DE POLYTEREPHTHALATE D'ETHYLENE, DE BUTYLENE ET DE TRIMETHYLENE ET LEUR UTILISATION**
- (71) **DEUTSCHE INSTITUT FÜR TEXTIL- UND FASERFORSCHUNG STUTTGART** [DE/DE]; Körschtalstrasse 26, D-73770 Denkendorf (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FRITZ, Claudia** [DE/DE]; Am Kunzenrain 19, D-73547 Lorch (DE). **HIRT, Peter** [DE/DE]; Erlenstrasse 10, D-73614 Schorndorf (DE). **OPPERMANN, Wilhelm** [DE/DE]; Rudolfweg 3, D-71083 Herrenberg (DE). **SCHULER, Winfried** [DE/DE]; Pfälzerstrasse 7, D-72768 Reutlingen (DE). **WIESE, Karl-Heinrich** [DE/DE]; Eberhardstrasse 9, D-74348 Lauffen (DE).
- (74) **HAGEMANN, Heinrich** et al. / etc.; Hagemann, Braun & Held, Postfach 86 03 29, D-81630 München (DE).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **D01F 13/02, 2/00, C08J 11/02**
- (11) **WO 00/15887** (13) A1
- (21) PCT/AT99/00222
- (22) **14 Sep/sep 1999 (14.09.1999)**
- (25) de (26) de
- (30) A 1548/98 **15 Sep/sep 1998 (15.09.1998)** AT
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **METHOD FOR PREPARING OR PURIFYING AQUEOUS SOLUTIONS OF A TERTIARY AMINO-OXIDE**
- **PROCEDE DE TRAITEMENT ET DE PURIFICATION DE SOLUTIONS AQUEUSES D'UN AMINOXYDE TERTIAIRE**
- (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) **MÄNNER, Johann** [AT/AT]; Bach 97, A-4852 Weyregg (AT). **EMEDER, Rudolf** [AT/AT]; Kemating 10, A-4863 Seewalchen (AT). **HAGER, Christian** [AT/AT]; Haidach 22, A-4863 Seewalchen (AT). **NUSSBAUMER, Franz** [AT/AT]; Fornacher Strasse 11, A-4870 Vöcklamarkt (AT). **ENDL, Thomas** [AT/AT]; Stadtplatz 22a, A-4840 Vöcklabruck (AT). **KNEISSL, Johannes** [AT/AT]; Reichholz 27, A-4852 Weyregg (AT).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **D03J 1/14**
- (11) **WO 00/15888** (13) A1
- (21) PCT/CH99/00388
- (22) **24 Aug/août 1999 (24.08.1999)**
- (25) de (26) de

- (30) 1864/98 **14 Sep/sep 1998** CH
(14.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● STRAND OR LAMELLA FEEDING SYSTEM
● ALIMENTATION DE LISSES OU DE LAMELLES
- (71) **STÄUBLI AG PFÄFFIKON** [CH/CH]; Poststrasse 5, CH-8808 Pfäffikon (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GOOD, Thomas** [CH/CH]; Steinegg, CH-7325 Schwendi (CH). **WENZIN, Plazi** [CH/CH]; Schützengartenstrasse 17, CH-8890 Flums (CH). **MULLIS, Justus** [CH/CH]; Bergstrasse 16, CH-8890 Flums (CH). **ERHARD, Andreas** [CH/CH]; Isla, CH-7303 Mastrils (CH). **HUNZIKER, Martin** [CH/CH]; Jeninserstrasse 207, CH-7304 Maienfeld (CH).
- (74) **R.A. EGLI & CO.**; Horneggstrasse 4, Postfach, CH-8034 Zürich (CH).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **D04B**
- (11) **WO 00/15889** (13) A2
- (21) PCT/LV99/00004
- (22) **9 Sep/sep 1999 (09.09.1999)**
- (25) ru (26) ru
- (30) P-98-176 **11 Sep/sep 1998** LV
(11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● LOOP FORMING UNIT FOR A CIRCULAR KNITTING MACHINE
● UNITE DE FORMATION DE BOUCLES DANS UNE MACHINE A TRICOTER CIRCULAIRE
- (71, 72) **KUDRYAVTSEVS, Leonids** [LV/LV]; Gertrudes iela 56-24, LV-1011 Riga (LV). **NARUBINS, Sergeis** [LV/LV]; Kartupeļu iela 48-8, LV-1058 Riga (LV).
- (74) **ANOKHINS, Vladimirs**; Agency TRIA ROBIT, Aizkraukles iela 23, LV-1006 Riga (LV).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **D04B 15/54**
- (11) **WO 00/15890** (13) A1
- (21) PCT/US99/20940
- (22) **13 Sep/sep 1999 (13.09.1999)**
- (25) en (26) en
- (30) 60/100,174 **14 Sep/sep 1998** US
(14.09.1998)
- (30) 60/138,717 **11 Jun/juin 1999** US
(11.06.1999)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● ADJUSTABLE PLATING YARN CARRIER ASSEMBLY FOR KNITTING PLATED FABRIC
● ENSEMBLE REGLABLE DE SUPPORT DE FILS DE TRICOT VANISE POUR LE VANISAGE
- (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) **BRACH, Ernesto** [US/US]; Apartment 1A, 123 Division Avenue, Brooklyn, NY 11211 (US). **BENIN, Joshua** [US/US]; 1250 Corner Ketch Road, Newark, DE 19711 (US).
- (74) **MEDWICK, George, M.**; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).
- (81) BR CN IL JP KR MX US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (51)⁷ **D04H 3/16, 3/14, D01D 5/08**
- (11) **WO 00/15891** (13) A1
- (21) PCT/US99/21348
- (22) **14 Sep/sep 1999 (14.09.1999)**
- (25) en (26) en
- (30) 60/100,192 **14 Sep/sep 1998** US
(14.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● NONWOVEN FABRICS
● NON-TISSES
- (71) **CEREX ADVANCED FABRICS, L.P.** [US/US]; 610 Chemstrand Road, Pensacola, FL 32533 (US).
- (72) **ORTEGA, Albert, E.**; 3489 River Gardens Circle, Pensacola, FL 32514 (US). **THOMLEY, R., Wayne**; 8138 Lawton Road, Pensacola, FL 32514 (US). **MACKEY, Jan**; 1046 Edgewater Lane, Gulf Breeze, FL 32561 (US).
- (74) **SALIWANCHIK, David, R.** et al. / etc.; Saliwanchik, Lloyd & Saliwanchik, Suite A-1, 2421 NW 41st Street, Gainesville, FL 32606-6669 (US).
- (81) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (51)⁶ **D06C 3/08**
- (11) **WO 00/15892** (13) A1
- (21) PCT/AU99/00760
- (22) **14 Sep/sep 1999 (14.09.1999)**
- (25) en (26) en
- (30) PP 5929 **16 Sep/sep 1998** AU
(16.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● NEEDLEWORK STRETCHING AND ALIGNMENT APPARATUS
● DISPOSITIF D'ETIRAGE ET D'ALIGNEMENT D'OUVRAGE A L'AIGUILLE
- (71, 72) **SCOTT, Andrew, John** [AU/AU]; 4 Woonum Road, Alexandra Headland, QLD 4755 (AU).
- (81) AU JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (51)⁶ **D06F 33/02, 39/08**
- (11) **WO 00/15893** (13) A1
- (21) PCT/US99/01070
- (22) **19 Jan/jan 1999 (19.01.1999)**
- (25) en (26) en
- (30) 09/153,515 **15 Sep/sep 1998** US
(15.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● OZONATED LAUNDRY SYSTEM WITH WATER RE-USE CAPABILITY
● SYSTEME DE LESSIVE A TRAITEMENT A L'OZONE A CAPACITE DE REUTILISATION DE L'EAU
- (71) **ENVIROCLEANSE SYSTEMS, INC.** [US/US]; Suite 118, 125 E. Plaza Drive, Mooresville, NC 28115 (US).
- (72) **BURDICK, Alan**; 8944 Cypress Forest Drive, Charlotte, NC 28216 (US).
- (74) **DREMANN, Christopher, C.**; Christopher C. Dremann, P.C., Suite 100, 10925 David Taylor Drive, Charlotte, NC 28262 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **D06F 58/20**
- (11) **WO 00/15894** (13) A1
- (21) PCT/US98/19076
- (22) **15 Sep/sep 1998 (15.09.1998)**
- (25) en (26) en

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • MATERIAL DRYER

- APPAREIL DE SECHAGE DE MATIERE

(71) **MMATS INCORPORATED** [US/US]; 863 W. 13th Court, Riviera Beach, FL 33404 (US).(72) **HOFFMAN, Karl, H.**; 35 Tradewinds Circle, Tequesta, FL 33469 (US). **PASTORE, Michael**; 345 Kelsey Circle Drive, Palm Beach Gardens, FL 33410 (US). **GLOWACKI, Walter**; 49 Dunbar Road, Palm Beach Gardens, FL 33404 (US).(74) **SLAVIN, Michael, A.**; McHale & Slavin, P.A., Suite 402, 4440 PGA Boulevard, Palm Beach Gardens, FL 33410 (US).

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

(51)⁶ **D06M 23/08, 11/74**(11) **WO 00/15895** (13) A1

(21) PCT/PL98/00048

(22) **18 Dec/déc 1998 (18.12.1998)**

(25) en (26) en

(30) P.328547 **12 Sep/sep 1998 (12.09.1998)** PL

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD AND APPARATUS FOR PRODUCTION OF CARBURIZED FIBRES

- PROCEDE ET DISPOSITIF DE PRODUCTION DE FIBRES CARBUREES

(71) **INSTYTUT WŁÓKIEN NATURALNYCH** [PL/PL]; ul. Wojska Polskiego 71B, PL-60-630 Poznań (PL).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **CZAPLICKI, Zdzislaw** [PL/PL]; ul. Anczyca 4, m 6, PL-93-262 Łódź (PL). **MORACZEWSKI, Andrzej** [PL/PL]; ul. Zapolskiej 51, m 36, PL-93-256 Łódź (PL). **RUSZKOWSKI, Kazimierz** [PL/PL]; ul. Popiełuszki 21, m 28, PL-94-052 Łódź (PL). **WOJTYSIAK, Jan** [PL/PL]; ul. Tomaszewicza 3, m 26, PL-94-048 Łódź (PL).(74) **FEDEROWICZ, Jadwiga**; Al. Smiglego-Rydza 29 m 11, PL-93-281 Lodz (PL).

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

(51)⁷ **D06P 1/66, 3/60, 5/22**(11) **WO 00/15896** (13) A1

(21) PCT/EP99/06378

(22) **30 Aug/août 1999 (30.08.1999)**

(25) de (26) de

(30) 98810898.1 **10 Sep/sep 1998 (10.09.1998)** EP

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR DYEING FIBROUS MATERIALS CONTAINING CELLULOSE

- PROCEDE DE TEINTURE DE MATIERES EN FIBRES CELLULOSIQUES

(71) **CIBA SPECIALTY CHEMICALS HOLDING INC.** [CH/CH]; Klybeckstrasse 141, CH-4057 Basel (CH).

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

(72, 75) **SCHEIBLI, Peter** [CH/CH]; Nussbaumweg 3, CH-4103 Bottmingen (CH).(74) **CIBA SPECIALTY CHEMICALS HOLDING INC.**; Patentabteilung, Klybeckstrasse 141, CH-4057 Basel (CH).

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

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(51)⁷ **D06P 1/66, D06M 16/00, C08K 5/00**(11) **WO 00/15897** (13) A1

(21) PCT/US99/20726

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 09/151,891 **11 Sep/sep 1998 (11.09.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ANTIMICROBIAL TREATMENT OF POLYMERS

- TRAITEMENT ANTIMICROBIEN DE POLYMERES

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

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

(72, 75) **SUN, Gang** [CN/US]; 2600 Syracuse Court A, Davis, CA 95616 (US). **KIM, Young, Hee** [KR/US]; 55 College Park, Davis, CA 95616 (US).(74) **SNYDER, Joseph, R.** et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th floor, San Francisco, CA 94121-3834 (US).

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

Published / Publiée : (c)

(51)⁷ **D06P 5/00, D21H 17/53, C09D 11/00, B41J 2/175**(11) **WO 00/15898** (13) A1

(21) PCT/EP99/06480

(22) **3 Sep/sep 1999 (03.09.1999)**

(25) de (26) de

(30) 1892/98 **16 Sep/sep 1998 (16.09.1998)** CH

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR PRINTING FIBROUS TEXTILE MATERIALS ACCORDING TO THE INK JET METHOD

- PROCEDE POUR IMPRIMER DES MATERIAUX FIBREUX TEXTILES, SELON LE PROCEDE D'IMPRESSION A JET D'ENCRE

(71) **CIBA SPECIALTY CHEMICALS HOLDING INC.** [CH/CH]; Klybeckstrasse 141, CH-4057 Basel (CH).

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

(72, 75) **HERMANN, Hanspeter** [CH/DE]; Im Leh 56, D-79541 Lörrach-Häuigen (DE).(74) **CIBA SPECIALTY CHEMICALS HOLDING INC.**; Patentabteilung, Klybeckstrasse 141, CH-4057 Basel (CH).

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

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(51)⁷ **D21C 5/02**(11) **WO 00/15899** (13) A1

(21) PCT/US99/21432

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) en (26) en

(30) 09/156,734 **17 Sep/sep 1998 (17.09.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHODS FOR DEINKING AND DECOLORIZING PRINTED PAPER

- PROCEDES DE DESENCRAGE ET DE D'ELIMINATION DES COULEURS SUR DU PAPIER IMPRIME

(71) **NOVO NORDISK BIOCHEM NORTH AMERICA, INC.** [US/US]; State Road 1003, P.O. Box 576, Franklinton, NC 27525 (US).

(72) **FRANKS, Neal, E.**; 5824 Norwood Oaks Drive, Raleigh, NC 27614 (US).

(74) **ZELSON, Steve, T.** et al. / etc.; Novo Nordisk of North America, Inc., Suite 6400, 405 Lexington Avenue, New York, NY 10174 (US).

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

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(51)⁷ **D21C 9/06, 9/18, D21F 1/80**

(11) **WO 00/15900** (13) A1

(21) PCT/FI99/00751

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 981974 **14 Sep/sep 1998** FI
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD AND APPARATUS FOR WASHING FIBRE PULP MIXTURE

- PROCEDE ET DISPOSITIF DE LAVAGE DE MELANGE DE PATE A FIBRES

(71) **VALMET CORPORATION** [FI/FI]; Fabianinkatu 9 A, FIN-00130 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JUUTINEN, Vesa** [FI/FI]; Kuupellonkatu 7, FIN-33730 Tampere (FI). **HAUTALA, Jouko** [FI/FI]; Papusenkatu 21 A 6, FIN-33400 Tampere (FI).

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

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ **D21D 5/16**

(11) **WO 00/15901** (13) A1

(21) PCT/EP99/06801

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) de (26) de

(30) 198 42 042.0 **14 Sep/sep 1998** DE
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • SIEVING DEVICE

- DISPOSITIF DE CRIBLAGE

(71) **HEINRICH FIEDLER GMBH & CO. KG** [DE/DE]; Weidener Strasse 9, D-93057 Regensburg (DE).

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

(72, 75) **MICKELAT, Thomas** [DE/DE]; Park-siedlung 5, D-93149 Nittenau (DE). **BAIER, Maximilian** [DE/DE]; Regensburger Strasse 28a, D-93161 Sinzing (DE). **GASSMANN, Hubert** [DE/DE]; Beethovenstrasse 79, D-93128 Regenstauf (DE).

(74) **HERING, H.**; Berendt, Leyh & Hering, Innere Wiener Strasse 20, D-81667 München (DE).

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

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(51)⁷ **D21F 5/00, A61L 2/04**

(11) **WO 00/15902** (13) A1

(21) PCT/FI99/00752

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 60/100,345 **15 Sep/sep 1998** US
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD OF MANUFACTURING PAPER

- PROCEDE DE FABRICATION DU PAPIER

(71) **VALMET CORPORATION** [FI/FI]; Fabianinkatu 9 A, FIN-00130 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HUOVILA, Vesa** [FI/FI]; Lassinlinnankatu 10 A, FIN-33610 Tampere (FI).

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

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁶ **D21F 11/04**

(11) **WO 00/15903** (13) A1

(21) PCT/BR99/00073

(22) **3 Sep/sep 1999 (03.09.1999)**

(25) en (26) en

(30) PI 9803570-3 **11 Sep/sep 1998** BR
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • PROCESS FOR MAKING CARDBOARD HAVING SAFETY MEANS

- PROCEDE DE FABRICATION D'UN CARTON DOTE DE MOYENS DE SECURITE

(71) **COMPANHIA SUZANO DE PAPEL E CELULOSE** [BR/BR]; Avenida Brigadeiro Faria Lima, 1355-5º ao 10º andares, CEP-01452-919 São Paulo, SP (BR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FIGLIOLINO, Fábio, Carucci** [BR/BR]; Rua Capitão Leôncio Arouche de Toledo, 321, Mojilar - Mogi das Cruzes, CEP-08773-140 Estado de São Paulo, SP (BR).

(74) **DO NASCIMENTO, Marcelo**; Praça Ramos de Azevedo, 209-6º andar-Conj. 61, CEP-01037-010 São Paulo, SP (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 US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ **D21G 3/00 // 3/02, 3/04, B41F 15/44**

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(21) PCT/FI99/00729

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) en (26) en

(30) 981945 **10 Sep/sep 1998** FI
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • DOCTOR BLADE

- RACLE

(71) **VALMET CORPORATION** [FI/FI]; Fabianinkatu 9 A, FIN-00130 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIRJAVA, Jouni** [FI/FI]; Jussilantie 18, FIN-36110 Ruutana (FI). **RATA, Ilkka** [FI/FI]; Vitsiälänkatu 4, FIN-40520 Jyväskylä (FI). **VAINIO, Tommi** [FI/FI]; Lummetie 13 B 15, FIN-01300 Vantaa (FI).

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

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **D21H 17/00**

(11) **WO 00/15905** (13) A2

(21) PCT/US99/27872

(22) **27 Aug/août 1999 (27.08.1999)**

(25) en (26) en

(30) 09/141,052 **27 Aug/août 1998 US (27.08.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **CURL-RESISTANT, ANTISLIP ABRASIVE BACKING AND PAPER**

• **PAPIER ET DOUBLAGE ABRASIFS, RESISTANT AU GLISSEMENT ET AU RECOUILLEMENT**

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

(72) **KRONZER, Francis, Joseph**; 1025 Avery Creek Drive, Woodstock, GA 30188 (US).

(74) **HARPS, Joseph, P.** et al. / etc.; 401 N. Lake Street, Neenah, WI 54956 (US).

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

(51)⁷ **D21H 25/02, 17/66, 21/16, B32B 29/00**

(11) **WO 00/15906** (13) A1

(21) PCT/US99/18563

(22) **16 Aug/août 1999 (16.08.1999)**

(25) en (26) en

(30) 60/099,781 **10 Sep/sep 1998 US (10.09.1998)**

(30) 09/321,078 **27 May/mai 1999 US (27.05.1999)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **METHODS FOR REDUCING AMINE ODOR IN PAPER**

• **PROCEDES DE REDUCTION DES MAUVAISES ODEURS DES AMINES DANS LE PAPIER**

(71) **CYTEC TECHNOLOGY CORP.** [US/US]; 1105 North Market Street, Wilmington, DE 19801 (US).

(72) **PROVERB, Robert, J.**; 0 Thaddeus Avenue, Danbury, CT 06811 (US). **SCANLON, Michael, J.**; 15 Stonewall Court, Mahwah, NJ 07430 (US).

(74) **MALLON, Joseph, J.** et al. / etc.; Cytec Industries Inc., 1937 West Main Street, P.O. Box 60, Stamford, CT 06904-0060 (US).

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

(51)⁷ **D21H 27/02, 27/30, 19/74 // 21:22**

(11) **WO 00/15907** (13) A1

(21) PCT/US99/20760

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) en (26) en

(30) 60/099,885 **11 Sep/sep 1998 US (11.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **MULTIPLY TISSUE PAPER**

• **PAPIER DE SOIE MULTICOUCHE**

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

(72) **VINSON, Kenneth, Douglas**; 303 Wyoming Avenue, Cincinnati, OH 45215 (US). **TROKHAN, Paul, Dennis**; 1356 Warvel Road, Hamilton, OH 45013 (US). **HO, Monica**; 4884 Hunt Road, Cincinnati, OH 45242 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **E01B 3/38**

(11) **WO 00/15908** (13) A1

(21) PCT/DE99/02954

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) de (26) de

(30) 198 42 312.8 **16 Sep/sep 1998 DE (16.09.1998)**

(30) 199 17 179.3 **16 Apr/avr 1999 DE (16.04.1999)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **SLEEPER FRAME FOR A RAIL SYSTEM FOR RAIL-MOUNTED VEHICLES, ESPECIALLY FOR A BALLASTED TRACK**

• **STRUCTURE DE TRAVERSES DESTINEE A UNE VOIE FERREE DESTINEE A DES VEHICULES FERROVIAIRES, NOTAMMENT A UNE VOIE BALLASTEE**

(71, 72) **PLICA, Peter** [DE/DE]; Königswieser Strasse 87a, D-81475 München (DE).

(74) **EDER & SCHIESCHKE**; Elisabethstrasse 34/II, D-80796 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 GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **E01B 5/16**

(11) **WO 00/15909** (13) A1

(21) PCT/EP99/06657

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) de (26) de

(30) 198 43 375.1 **10 Sep/sep 1998 DE (10.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **INSULATING SHEATH FOR GAUGE RODS**

• **GAINES ISOLANTE POUR ENTRETOISES DE CONTRE-RAIL**

(71) **SEDRA ASPHALT TECHNIK BIEBRICH GMBH** [DE/DE]; Rheingaustrasse 77, D-65203 Wiesbaden (DE).

(72) **EILMES, Horst**; Ziegelhüttenweg 14, D-65232 Taunusstein (DE). **SCHWIND, Hubertus**; Bacchus-Strasse 6, D-67550 Worms (DE).

(74) **EFFERT, BRESSEL & KOLLEGEN**; Radickestrasse 48, D-12489 Berlin (DE).

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

Published / Publiée : (c)

(51)⁷ E01C 11/00

(11) WO 00/15910 (13) A1

(21) PCT/IB99/01496

(22) 2 Sep/sep 1999 (02.09.1999)

(25) en (26) en

(30) 98/8423 15 Sep/sep 1998 ZA
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD OF REPAIRING A PAVED AREA

• PROCEDE POUR REPARER UNE ZONE REVETUE

(71, 72) HALL, Alethea, Rosalind, Melanie [ZA/ZA]; Plot 40, Dawn Farm, Driefontein, 1747 Muldersdrift (ZA).

(74) GILSON, David, Grant et al. / etc.; Spoor and Fisher, P.O. Box 41312, 2024 Craighall (ZA).

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

(51)⁷ E01C 19/10

(11) WO 00/15911 (13) A1

(21) PCT/DE99/02969

(22) 14 Sep/sep 1999 (14.09.1999)

(25) de (26) de

(30) 198 43 193.7 15 Sep/sep 1998 DE
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR TREATING BITUMEN-BONDED COVER SURFACES OF SURFACES USED BY TRAFFIC WITH A GRANULAR COVERING MATERIAL WHICH IS COATED WITH A BINDING AGENT

• PROCEDE DE TRAITEMENT D'AIRES SURFACES DE RECOUVREMENT AVEC UN LIANT BITUMEUX D'AIRES DE CIRCULATION AVEC DES GRAVILLONS ENROBES D'UN LIANT

(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) KÄMEREIT, Wilhelm [DE/DE]; Binger Weg 7, D-40229 Düsseldorf (DE). HEYER, Hans [DE/DE]; Am Sandhang 10, D-41844 Wegberg (DE). POMP, Josef [DE/DE]; Reyerhütterstr. 96a, D-41065 Mönchengladbach (DE). POMP, Ralf [DE/DE]; Am Blankenberg 20, D-52525 Heinsberg (DE).

(74) COHAUSZ & FLORACK; Postfach 33 02 29, D-40435 Düsseldorf (DE).

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

Published / Publiée : (c)

(51)⁷ E02F

(11) WO 00/15912 (13) A2

(21) PCT/KR99/00447

(22) 12 Aug/août 1999 (12.08.1999)

(25) en (26) en

(30) 1998/38126 15 Sep/sep 1998 KR
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • DEVICE FOR HOLDING ATTACHMENTS IN POWER EXCAVATORS

• DISPOSITIF DE FIXATION D'ACCESSOIRES SUR UNE EXCAVATRICE

(71, 72) HAN, Chul, Ho [KR/CA]; #63 - 11737 - 236 Street, Maple Ridge, British Columbia V4R 2E5 (CA).

(74) RHEE, Woo, Hun; 4F, Geun Young Building, 735-32, Yeoksam 1-dong, Kangnam-ku, Seoul 135-081 (KR).

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

(51)⁷ E03C 1/01

(11) WO 00/15913 (13) A1

(21) PCT/CH99/00412

(22) 6 Sep/sep 1999 (06.09.1999)

(25) de (26) de

(30) 1849/98 10 Sep/sep 1998 CH
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • DEVICE WITH SANITARY AND/OR KITCHEN COMPONENTS

• DISPOSITIF DOTE D'ELEMENTS SANITAIRES ET/OU DE CUISINE

(71, 72) PINAZZA, Franco [CH/CH]; Burghaldenstrasse 3, CH-5400 Baden (CH). HORVATH, Thomas, K. [CH/CH]; Seebahnstrasse 177, CH-8004 Zürich (CH). SCHWARZ, Dieter [CH/CH]; Winkel 7, CH-5234 Villigen (CH).

(74) LUCHS, Willi; Luchs & Partner, Schulhausstrasse 12, CH-8002 Zürich (CH).

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

(51)⁶ E03D 1/14

(11) WO 00/15914 (13) A1

(21) PCT/US99/21057

(22) 14 Sep/sep 1999 (14.09.1999)

(25) en (26) en

(30) 09/152,749 14 Sep/sep 1998 US
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • DUAL-FLUSH VALVE

• ROBINET DE CHASSE A ACTION DOUBLE

(71) FLUIDMASTER, INC. [US/US]; 30800 Rancho Viejo Road, San Juan Capistrano, CA 92675 (US).

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

(72, 75) MCCLURE, Richard, C. [US/US]; 513 Apache Drive, Placentia, CA 92870 (US).

MCKAY, John, C. [US/US]; 601 Gardenia Avenue, Placentia, CA 92870 (US). GARCIA, Miguel, C. [US/US]; 13665 Prichard Street, LaPuente, CA 91746 (US).

(74) MYERS, Richard, L.; Myers, Dawes & Andreas LLP, Suite 650, 650 Town Center Drive, Costa Mesa, CA 92626 (US).

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

Published / Publiée : (c)

(51)⁷ E04B 1/24, 5/10, 5/14, 7/02

(11) WO 00/15915 (13) A1

(21) PCT/FR99/02175

(22) 13 Sep/sep 1999 (13.09.1999)

- (25) fr (26) fr
 (30) 98/11509 **15 Sep/sep 1998** FR
(15.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • DEVICE FOR STABILISING BEAMS IN A BUILDING STRUCTURE
 • DISPOSITIF DE STABILISATION DES POUTRES D'UNE STRUCTURE DE BATIMENT
- (71) **PAB** [FR/FR]; Immeuble "La Pacific" La Défense 7, 11/13, cours Valmy, F-92800 Puteaux (FR).
- (72) **SOKOL, Léopold**; 5, rue de la Mare de Troux, F-78280 Guyancourt (FR).
- (74) **MONCHENY, Michel** et al. / etc.; Cabinet Lavoix, 2, place d'Estienne d'Orves, F-75441 Paris Cedex 09 (FR).
- (81) CZ HU PL RO; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)⁷ **E04B 2/08**(11) **WO 00/15916** (13) A1

(21) PCT/SK99/00012

(22) **6 Aug/août 1999 (06.08.1999)**

(25) sk (26) en

(30) PV 1271-98 **17 Sep/sep 1998** SK
(17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • BUILDING BLOCK WITH FOUR VERTICAL PLANES OF SYMMETRY
 • BLOC DE CONSTRUCTION A QUATRE PLANS VERTICAUX DE SYMETRIE

(71, 72) **NIKO, Igor** [SK/SK]; CSLA 566/2, 972 17 Kanianka (SK).(74) **KORITSÁNSKY, Svetozár**; Hurbanova 156, 916 01 Stará Turá (SK).

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

Published / Publiée : (b)

(51)⁶ **E04B 2/58, 2/88, 2/96, E04F 13/08**(11) **WO 00/15917** (13) A1

(21) PCT/AU99/00765

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) PP 5885 **14 Sep/sep 1998** AU
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • CLIP FASTENING SYSTEM FOR WALLS

- SYSTEME DE FIXATION PAR PINCES POUR PAROIS

(71) **COLMARK (AUSTRALIA) PTY LTD.** [AU/AU]; 40 Marble Street, Kingston, Brisbane, QLD 4114 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TRENOWETH, Mark, Grahame** [AU/AU]; 40 Marble Street, Kingston, Brisbane, QLD 4114 (AU).

(74) **CULLEN & CO.**; Level 26, 239 George Street, Brisbane, QLD 4000 (AU).

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

(51)⁷ **E04B 2/74**(11) **WO 00/15918** (13) A1

(21) PCT/US98/24556

(22) **17 Nov/nov 1998 (17.11.1998)**

(25) en (26) en

(30) 09/151,417 **11 Sep/sep 1998** US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • KNOCK-DOWN PANEL PARTITION SYSTEM
 • SYSTEME DE CLOISONNEMENT PAR PANNEAUX DEMONTABLES

(71) **KRUEGER INTERNATIONAL, INC.** [US/US]; 1330 Bellevue Street, Green Bay, WI 54302 (US).

(72) **HORNBERGER, Timothy, G.**; 2565 Robinson Avenue, Green Bay, WI 54311 (US). **GAYHART, J., W.**; 4670 Sportsman Drive, DePere, WI 54115 (US). **MANSFIELD, Andrew**; 2378 Woodrow Way, Green Bay, WI 54301 (US). **TSE, Yung**; 724 Josephine Circle, Green Bay, WI 54311 (US).

(74) **McCONNELL, Andrew, S.** et al. / etc.; Andrus, Sceales, Starke & Sawall, LLP, Suite 1100, 100 East Wisconsin Avenue, Milwaukee, WI 53202 (US).

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

(51)⁶ **E04B 5/02**(11) **WO 00/15919** (13) A1

(21) PCT/US99/20835

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 60/099,829 **11 Sep/sep 1998** US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • FLOORBOARD WITH COMPRESSION NUB
 • LAME DE PARQUET AVEC ERGOT DE COMPRESSION

(71) **ROBBINS INC.** [US/US]; 4777 Eastern Avenue, Cincinnati, OH 45226 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NIESE, Michael** [US/US]; 7290 State Road, Cincinnati, OH 45230 (US). **ELLIOTT, Paul** [US/US]; 6052 Gray Road, Fairfield, OH 45014 (US).

(74) **BURGER, Thomas, J.** et al. / etc.; Wood, Herron & Evans, L.L.P., 2700 Carew Tower, Cincinnati, OH 45202 (US).

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

(51)⁷ **E04B 5/43, 1/21**(11) **WO 00/15920** (13) A1

(21) PCT/AT99/00216

(22) **7 Sep/sep 1999 (07.09.1999)**

(25) de (26) de

(30) 198 41 442.0 **10 Sep/sep 1998** DE
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • DEVICE FOR CONNECTING A GIRDER OF A COMPOSITE FLOOR TO A BEAM
 • DISPOSITIF POUR LE RACCORDEMENT D'UNE POUTRE D'UN PLANCHER COMPOSITE A UN SUPPORT

(71) **A-MBT ANWENDUNGSZENTRUM MISCHBAUTECHNOLOGIE GESELLSCHAFT MBH** [AT/AT]; Technikerstrasse 13, A-6020 Innsbruck (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TSCHEMMERNEGG, Ferdinand** [AT/AT]; Götzner Bergweg 11, A-6091 Götzens (AT).

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

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

(51)⁶ E04C 3/09

(11) WO 00/15921 (13) A1

(21) PCT/AU99/00771

(22) 14 Sep/sep 1999 (14.09.1999)

(25) en (26) en

(30) 5909/98 14 Sep/sep 1998 AU (14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • IMPROVEMENTS RELATING TO TRUSSES
• AMELIORATION D'UNE POUTRE CAISSON A TREILLIS

(71) SPANTEC SYSTEMS PTY. LTD. [AU/AU]; 17 Drapers Road, Braemar, NSW 2575 (AU).

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

(72, 75) BEAUMONT, Roy, Culmer [AU/AU]; 13 Webb Street, Mittagong, NSW 2575 (AU). GOLLEDGE, Bradbury, Frank [AU/AU]; 46 Tathra Place, Gympie, NSW 2227 (AU).

(74) SMEETON, Anthony, Richard; Davies Collision Cave, Level 10, 10 Barrack Street, Sydney, NSW 2000 (AU).

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

(51)⁷ E04C 3/14, 3/16

(11) WO 00/15922 (13) A1

(21) PCT/CA99/00848

(22) 16 Sep/sep 1999 (16.09.1999)

(25) en (26) en

(30) 09/154,093 16 Sep/sep 1998 US (16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • STRUCTURAL MEMBER
• ELEMENT STRUCTURAL

(71) OPEN JOIST 2000 INC. [CA/CA]; 1970 St-Maurice Nord, Ste-Marthe-du-Cap-de-la-Madeleine, Quebec G8V 1V9 (CA).

(72) SANDOZ, Jean-Luc; 4, chemin de la Brume, CH-1110 Morges (CH). MENARD, Sylvain; 510 Emmanuelle Street, St-Louis de France, Quebec G8T 8G1 (CA). DUMAIS, Sylvain; 4722 Parthenais, Montreal, Quebec H2H 2G7 (CA). MASSICOTTE, Marc; 21 Dubé Street, Ste-Marthe-du-Cap, Quebec G8V 2E8 (CA).

(74) O'NEILL, Gary et al. / etc.; Gowling, Strathy & Henderson, Suite 2600, 160 Elgin Street, Ottawa, Ontario K1P 1C3 (CA).

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

(51)⁶ E04C 5/08

(11) WO 00/15923 (13) A1

(21) PCT/US99/20557

(22) 8 Sep/sep 1999 (08.09.1999)

(25) en (26) en

(30) 09/152,092 11 Sep/sep 1998 US (11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • FOUNDATION SYSTEM FOR SUPPORTING A SUPERSTRUCTURE
• SYSTEME DE FONDATION DESTINE A SERVIR DE SUPPORT A UNE SUPERSTRUCTURE

(71, 72) FEY, James, M. [US/US]; Suite A, 1807 Sausal Street, Oakland, CA 94602 (US). ERICH, Richard, R. [US/US]; P.O. Box 324, Gualala, CA 95445 (US).

(74) BIELEN, Theodore, J., Jr. et al. / etc.; Bielen, Peterson & Lampe, Suite 720, 1990 N. California Boulevard, Walnut Creek, CA 94596 (US).

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

(51)⁶ E04D 1/28, 3/35, B32B 15/08

(11) WO 00/15924 (13) A1

(21) PCT/BE98/00129

(22) 4 Sep/sep 1998 (04.09.1998)

(25) nl (26) en

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • INSULATING ROOFING ELEMENT
• ELEMENT DE COUVERTURE ISOLANT

(71, 72) SMEETS, Dominique [BE/BE]; Hoogstraat 39, B-3680 Neeroeteren-Maaseik (BE).

(74) VOSSWINKEL, Philippe et al. / etc.; Gevers Vander Haeghen, Rue de Livourne 7, B-1061 Bruxelles (BE).

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

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(51)⁷ E04D 12/00, 1/34

(11) WO 00/15925 (13) A1

(21) PCT/GB99/03087

(22) 16 Sep/sep 1999 (16.09.1999)

(25) en (26) en

(30) 9820133-8 16 Sep/sep 1998 GB (16.09.1998)

(30) 9905935-4 16 Mar/mar 1999 GB (16.03.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ROOFING SYSTEM
• SYSTEME DE TOITURE

(71, 72) REARDON, Martin [GB/GB]; 21 Stradey Hill, Pwll, LLanelli Dyfed SA15 4AB (GB).

(74) THOMSON, Richard, Hamilton; 5 Holyhead Court, Caerphilly, Mid Glam CF83 2UH (GB).

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

Published / Publiée : (c)

(51)⁷ E04F 11/06

(11) WO 00/15926 (13) A1

(21) PCT/FR99/02115

(22) 6 Sep/sep 1999 (06.09.1999)

(25) fr (26) fr

(30) 98/11400 10 Sep/sep 1998 FR
(10.09.1998)(30) 99/02395 25 Feb/fév 1999 FR
(25.02.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • IMPROVED LATERALLY RETRACTABLE STEPS

• ESCALIER PERFECTIONNE RETRACTABLE LATERALEMENT

(71, 72) SOULARD, Louis [FR/FR]; 10, rue Léon Bérard, F-44200 Nantes (FR).

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

Published / Publiée : (a)

(51)⁷ E04H 4/00

(11) WO 00/15927 (13) A1

(21) PCT/FR99/02150

(22) 9 Sep/sep 1999 (09.09.1999)

(25) fr (26) fr

(30) 98/11455 10 Sep/sep 1998 FR
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD AND DEVICE FOR ASSEMBLING COMPONENTS FOR WATER RETENTION TANKS, SUCH AS SWIMMING POOLS FOR EXAMPLE

• PROCEDE ET DISPOSITIF D'ASSEMBLAGE D'ELEMENTS CONSTITUTIFS DE BASSINS DE RETENUE D'EAU, TELS QUE PISCINES PAR EXEMPLE

(71, 72) CONTRINO, François [FR/FR]; Bâtiment E - Les Moulins du Prado, 90, avenue de Mazargues, F-13008 Marseille (FR). DEL'IMMAGINE, Michel [FR/FR]; 47, boulevard de la Cayolle, F-13009 Marseille (FR).

(74) MAREK, Pierre; 28 et 32, rue de la Loge, F-13002 Marseille (FR).

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

(51)⁷ E04H 13/00

(11) WO 00/15928 (13) A1

(21) PCT/CA99/00799

(22) 3 Sep/sep 1999 (03.09.1999)

(25) en (26) en

(30) 2,246,108 15 Sep/sep 1998 CA
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • INTERLOCKING URN VESSELS

• COFFRETS D'URNE AUTOBLOQUANTS

(71, 72) BRAUN, Denis, Hugo [CA/CA]; 223A West Keith Rd., North Vancouver, British Columbia V7M 1L7 (CA).

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

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(51)⁷ E04H 15/50

(11) WO 00/15929 (13) A1

(21) PCT/US99/18503

(22) 12 Aug/août 1999 (12.08.1999)

(25) en (26) en

(30) 09/156,313 17 Sep/sep 1998 US
(17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • RESILIENT SUPPORT FOR ERECTABLE SHELTER ROOF

• SUPPORT SOUPLE POUR TOIT D'ABRI MONTABLE

(71, 72) CARTER, Mark, C. [US/US]; 1601 Iowa Avenue, Riverside, CA 92507 (US).

(74) PAUL, James, W. et al. / etc.; Fulwider Patton Lee & Utecht, LLP, 10th floor, 10877 Wilshire Boulevard, Los Angeles, CA 90024 (US).

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

(51)⁷ E05B 15/10, 17/20

(11) WO 00/15930 (13) A1

(21) PCT/SE99/01580

(22) 10 Sep/sep 1999 (10.09.1999)

(25) sv (26) en

(30) 9803073-7 10 Sep/sep 1998 SE
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • LOCK DEVICE

• SERRURE

(71) AB FAS LÅSFABRIK [SE/SE]; P.O. Box 60, S-631 02 Eskilstuna (SE).

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(72, 75) HIRVI, Jorma [SE/SE]; Tunavägen 29, S-640 43 Årila (SE).

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

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

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(51)⁷ E05B 49/00, B60R 25/00, H04B 13/00, 5/00

(11) WO 00/15931 (13) A1

(21) PCT/EP99/06696

(22) 9 Sep/sep 1999 (09.09.1999)

(25) de (26) de

(30) 98117343.8 14 Sep/sep 1998 EP
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ELECTRONIC COMMUNICATIONS SYSTEM

• SYSTEME DE COMMUNICATION ELECTRONIQUE

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

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(71) PHILIPS CORPORATE INTELLECTUAL PROPERTY GMBH [DE/DE]; Habsburgerallee 11, D-52066 Aachen (DE). (only for / seulement pour DE)

(72, 75) GIESLER, Thomas [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(74) PETERS, Carl, H.; Interantonaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

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

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(51)⁶ E05B 65/12, 65/19, 65/32, 47/00

(11) WO 00/15932 (13) A1

(21) PCT/EP99/05919

(22) 12 Aug/août 1999 (12.08.1999)

(25) de (26) de

(30) 198 41 309.2 10 Sep/sep 1998 DE
(10.09.1998)

- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • LOCK FOR FLAPS, DOORS OR THE LIKE, IN MOTOR VEHICLES, ESPECIALLY A LOCK FOR GLOVE COMPARTMENTS
- SERRURE POUR VOLETS, PORTES OU SIMILAIRES, DE VEHICULES, NOTAMMENT SERRURE DE BOITE A GANTS
- (71) **HUF HÜLSBECK & FÜRST GMBH & CO. KG** [DE/DE]; Steeger Strasse 17, D-42551 Velbert (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SZABLEWSKI, Piotr** [DE/DE]; Steinhäuser Strasse 23E, D-42399 Wuppertal (DE). **GEURDEN, Armin** [DE/DE]; Kirchstrasse 3, D-47929 Grefrath (DE). **MÜLLER, Ulrich** [DE/DE]; Schnegelskotten 7C, D-42549 Velbert (DE).
- (74) **MENTZEL, Norbert**; Kleiner Werth 34, D-42275 Wuppertal (DE).
- (81) AU BR JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (51)⁷ **E05B 73/00**
- (11) **WO 00/15933** (13) A1
- (21) PCT/EP99/06616
- (22) **8 Sep/sep 1999 (08.09.1999)**
- (25) en (26) en
- (30) PD98A000211 **10 Sep/sep 1998 (10.09.1998)** IT
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • IMPROVED SEAL WITH ANTI-THEFT DEVICE FOR ITEMS HAVING ROD-LIKE PORTIONS
- SCEAU AMELIORE AVEC DISPOSITIF ANTI-VOL POUR ARTICLES AYANT DES PARTIES DE TYPE TIGE
- (71, 72) **COSTA, Emilio** [IT/IT]; Viale Trento, 81/B, I-36078 Valdagno (IT).
- (74) **MODIANO, Guido**; Modiano & Associati, Via Meravigli, 16, IT-20123 Milano (IT).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **E05C 17/20, B60J 5/00**
- (11) **WO 00/15934** (13) A1
- (21) PCT/DE99/02905
- (22) **9 Sep/sep 1999 (09.09.1999)**
- (25) de (26) de
- (30) 198 41 324.6 **10 Sep/sep 1998 (10.09.1998)** DE
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • CONTINUOUSLY VARIABLE VEHICLE DOOR STAY
- ELEMENT D'ARRET DE PORTE DE VEHICULE SANS A-COUPS
- (71) **ED. SCHARWÄCHTER GMBH** [DE/DE]; Hohenhagener Strasse 26-28, D-42885 Remscheid (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MAI, Andreas** [DE/DE]; Nützenburger Strasse 315, D-42115 Wuppertal (DE). **BRÜCKNER, Lothar** [DE/DE]; Markgröninger Weg 2, D-71229 Leonberg (DE).
- (74) **BONNEKAMP, Horst**; Bankstrasse 1, D-40476 Düsseldorf (DE).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁶ **E05D 11/10**
- (11) **WO 00/15935** (13) A1
- (21) PCT/US99/21185
- (22) **14 Sep/sep 1999 (14.09.1999)**
- (25) en (26) en
- (30) 09/151,753 **14 Sep/sep 1998 (14.09.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • POSITIVE LOCK ARMREST MECHANISM
- MECANISME DE VERROUILLAGE DIRECT D'ACCOUDOIR
- (71) **FISHER DYNAMICS CORPORATION** [US/US]; 33300 Freeway Drive, St. Clair Shores, MI 48082 (US).
- (72) **BRAUN, Eric, W.**; Apartment 2608, 31095 Beachwalk, Novi, MI 48377 (US).
- (74) **BROCK, Christopher, M.**; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, MI 48303 (US).
- (81) CA DE GB JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (51)⁶ **E05D 15/06**
- (11) **WO 00/15936** (13) A1
- (21) PCT/US99/20851
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 09/152,235 **11 Sep/sep 1998 (11.09.1998)** US
- (30) 09/352,275 **13 Jul/juil 1999 (13.07.1999)** US
- (30) 09/377,576 **19 Aug/août 1999 (19.08.1999)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • A SECTIONAL DOOR WITH ROLLER SHIELD APPARATUS
- PORTE A SECTIONS DOTEE D'UN APPAREIL DE PROTECTION A ROULEMENT
- (71) **MARTIN DOOR MANUFACTURING, INC.** [US/US]; 2828 South 900 West, Salt Lake City, UT 84119 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MARTIN, David, O.** [US/US]; 2790 Lancaster Drive, Salt Lake City, UT 84108 (US).
- (74) **HARGROVE, Keith** et al. / etc.; Kirton & McConkie, 1800 Eagle Gate Tower, 60 East South Temple Street, Salt Lake City, UT 84111 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **E05F 5/00**
- (11) **WO 00/15937** (13) A1
- (21) PCT/DE99/02683
- (22) **27 Aug/août 1999 (27.08.1999)**
- (25) de (26) de
- (30) 198 42 295.4 **16 Sep/sep 1998 (16.09.1998)** DE
- (30) 199 14 860.0 **1 Apr/avr 1999 (01.04.1999)** DE
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • DEVICE FOR GUIDING AND LIMITING THE TRAVEL OF A SLIDING DOOR ELEMENT
- DISPOSITIF POUR GUIDER UN ELEMENT DE PORTE COULISSANTE ET EN LIMITER LA COURSE
- (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) **KOBAN, Johannes** [DE/DE]; Marienstrasse 31, D-70178 Stuttgart

(DE). **BREITENBÜCHER, Armin** [DE/DE]; A.-Stifter-Strasse 9, D-73655 Plüderhausen (DE). **HAUG, Heinz** [DE/DE]; Joerg-Toeber-Weg 15, D-71701 Schwieberdingen (DE). **WALTER, Hellmut** [DE/DE]; Remsgartenstrasse 24, D-71334 Waiblingen (DE).

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

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(51)⁶ **E06B 3/66**

(11) **WO 00/15938** (13) A1

(21) PCT/JP99/04893

(22) **8 Sep/sep 1999 (08.09.1999)**

(25) ja (26) ja

(30) 10/260382 **14 Sep/sep 1998** JP
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • GLASS PANEL
• PANNEAU EN VERRE

(71) **NIPPON SHEET GLASS CO., LTD.** [JP/JP]; 5-11, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MISONOU, Masao** [JP/JP]; Nippon Sheet Glass Co., Ltd., 5-11, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP). **KATOHI, Hidemi** [JP/JP]; Nippon Sheet Glass Co., Ltd., 5-11, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).

(74) **KITAMURA, Shuichiro**; 8-1, Toyosaki 5-chome, Kita-ku, Osaka-shi, Osaka 531-0072 (JP).

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

(51)⁷ **E06B 9/24, 9/386, 9/36**

(11) **WO 00/15939** (13) A1

(21) PCT/NL99/00577

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) nl (26) en

(30) 1010110 **16 Sep/sep 1998** NL
(16.09.1998)

(30) 1013031 **13 Sep/sep 1999** NL
(13.09.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • WINDOW BLIND FOR DECORATION AND SUN PROTECTION
• STORE A EFFET DECORATIF ASSURANT UNE PROTECTION CONTRE LE SOLEIL

(71, 72) **VAN AMELSVOORT, Marco, Johannes, Christina** [NL/NL]; Hintham 166, NL-5246 AK 's-Hertogenbosch (NL).

(74) **OTTEVANGERS, S., U.**; Vereenigde Octroobureaux, Nieuwe Parklaan 97, NL-2587 BN The Hague (NL).

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

(51)⁷ **E06B 9/305**

(11) **WO 00/15940** (13) A1

(21) PCT/US99/20991

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 09/151,547 **11 Sep/sep 1998** US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • MODULAR HORIZONTAL WINDOW BLIND
• STORE HORIZONTAL MODULAIRE DE FENETRE

(71, 72) **PETERSON, James, M.** [US/US]; 3107 North Broadmoor, San Bernardino, CA 92408 (US).

(74) **NATAUPSKY, Steven, J.**; Knobbe, Martens, Olson & Bear, LLP, 16th floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ **E21B 7/06, 23/01, 23/00**

(11) **WO 00/15941** (13) A1

(21) PCT/GB99/02900

(22) **2 Sep/sep 1999 (02.09.1999)**

(25) en (26) en

(30) 09/150,962 **10 Sep/sep 1998** US
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • THROUGH-TUBING RETRIEVABLE WHIPSTOCK SYSTEM

• SYSTEME DE SIFFLET DEVIATEUR RECUPERABLE POUR TUBE TRAVERSANT

(71) **WEATHERFORD/LAMB, INC.** [US/US]; c/o CSC - The United States Corporation Company, 1013 Centre Road, Wilmington, DE 19805 (US).

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

(71) **HARDING, Richard, Patrick** [GB/GB]; Marks & Clerk, 4220 Nash Court, Oxford Business Park South, Oxford OX4 2RU (GB).

(only for / seulement pour GB)

(72, 75) **BAILEY, Thomas** [US/US]; 13055 Pebblebrook, Houston, TX 77079 (US). **WILSON, Timothy** [US/US]; 1927 Haddon, Houston, TX 77019 (US). **HOWELL, Dustin** [US/US]; 2350 Westcreek Lane, 4107, Houston, TX 77027 (US).

(74) **LIND, Robert**; Marks & Clerk, 4220 Nash Court, Oxford Business Park South, Oxford OX4 2RU (GB).

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

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(51)⁷ **E21B 10/56**

(11) **WO 00/15942** (13) A1

(21) PCT/US99/21196

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 09/154,383 **16 Sep/sep 1998** US
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • REINFORCED ABRASIVE-IMPREGNATED CUTTING ELEMENTS, DRILL BITS INCLUDING SAME AND METHODS

• ELEMENTS DE COUPE RENFORCES, IMPREGNES DE MATIERE ABRASIVE ; TREPANS EQUIPES DE TELS ELEMENTS ET PROCEDES DE FABRICATION

(71) **BAKER HUGHES INCORPORATED** [US/US]; Suite 1200, 3900 Essex Lane, Houston, TX 77027 (US).

(72) **TIBBITTS, Gordon, A.**; 1378 Lakewood Circle, Salt Lake City, UT 84117 (US). **LOVATO, Lorenzo, G.**; 1177 Nocturne Drive, Salt Lake City, UT 84116 (US).

(74) **ROWOLD, Carl** et al. / etc.; Baker Hughes Incorporated, Suite 1200, 3900 Essex Lane, Houston, TX 77027 (US).

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

Published / Publiée : (c)

(51)⁷ **E21B 23/10**

(11) **WO 00/15943** (13) A1

(21) PCT/GB99/02886

(22) **15 Sep/sep 1999 (15.09.1999)**

- (25) en (26) en
(30) 9819965.6 **15 Sep/sep 1998** GB
(15.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • IMPROVED BALL VALVE
• CLAPET A BILLE AMELIORE
- (71) **EXPRO NORTH SEA LIMITED** [GB/GB]; Kirkhill Place, Kirkhill Industrial Estate, Dyce, Aberdeen AB21 0GU (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **EDWARDS, Jeffrey, Charles** [GB/GB]; The Old Rectory, Flixton Road, Lound, Suffolk NR32 5PN (GB).
- (74) **McCALLUM, William, Potter** et al. / etc.; Cruikshank & Fairweather, 19 Royal Exchange Square, Glasgow G1 3AE (GB).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **E21B 33/00**
(11) **WO 00/15944** (13) A2
(21) PCT/GB99/03015
(22) **10 Sep/sep 1999 (10.09.1999)**
(25) en (26) en
(30) 9819795.7 **12 Sep/sep 1998** GB
(12.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • PLUG AND PLUG SET FOR USE IN WELLBORE
• BOUCHON ET ENSEMBLE BOUCHON DESTINES A ETRE UTILISES DANS UN Puits DE FORAGE
- (71) **WEATHERFORD/LAMB, INC.** [US/US]; Corporation Company, 1013 Centre Road, Wilmington, DE 19805 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71) **HARDING, Richard, Patrick** [GB/GB]; Marks & Clerk, 4220 Nash Court, Oxford Business Park South, Oxford OX4 2RU (GB).
(only for / seulement pour GB)
- (72, 75) **BUDE, Peter** [NL/NL]; Waterleidingstrasse No. 1, NL-3134 KS Vlaardingen (NL).
- (74) **LIND, Robert**; Marks & Clerk, 4220 Nash Court, Oxford Business Park South, Oxford OX2 2RU (GB).
- (81) AU CA GB NO US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **E21B 34/06, 34/08, 34/10, 34/12, 34/14, 43/1185**
(11) **WO 00/15945** (13) A1
(21) PCT/US99/20581
(22) **8 Sep/sep 1999 (08.09.1999)**
(25) en (26) en
(30) 60/099,827 **10 Sep/sep 1998** US
(10.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD AND APPARATUS FOR DOWNHOLE SAFETY VALVE REMEDIATION
• PROCEDE ET APPAREIL PERMETTANT D'ASSURER LE FONCTIONNEMENT CORRECT DE SOUPAPES DE SURETE DE FOND DE Puits
- (71) **CAMCO INTERNATIONAL, INC.** [US/US]; 7030 Ardmore, Houston, TX 77054 (US).
- (72) **VOISIN, Clayton, J., Jr.**; 400 Fantastic Boulevard, Raceland, LA 70394 (US). **CHITTENDEN, Edward**; 508 Clayton Drive, Houma, LA 70360 (US). **MICHEL, Christopher, M.**; 2402 Longleaf Pines Lane, Kingwood, TX 77339 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁶ **E21B 43/16, 43/25, 28/00, 37/06**
(11) **WO 00/15946** (13) A1
(21) PCT/RU98/00423
(22) **21 Dec/déc 1998 (21.12.1998)**
(25) ru (26) ru
(30) 98116834 **10 Sep/sep 1998** RU
(10.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD FOR OIL FIELD DEVELOPMENT
• PROCEDE D'EXPLOITATION DE GISEMENTS PETROLIERS
- (71, 72) **POZDNY SHEV, Gennady Nikolaevich** [RU/RU]; ul. Galaktionovskaya, 187-66, Samara, 443001 (RU). **MANYRIN, Vyacheslav Nikolaevich** [RU/RU]; ul. Leningradskaya, 65-24, Kogalym, Tjumenskaya obl., 626481 (RU). **DOSOV, Alexandr Nikolaevich** [RU/RU]; ul. Leningradskaya, 7-227, Kogalym, Tjumenskaya obl., 626481 (RU). **SAVELIEV, Alexandr Georgievich** [RU/RU]; pr. Lenina, 2b-86, Samara, 443002 (RU). **MANYRIN, Valery Nikolaevich** [RU/RU]; ul. Mira, 27-31, Kogalym, Tjumenskaya obl., 626481 (RU).
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- (74) **POZDNY SHEV, Gennady Nikolaevich**; ul. Galaktionovskaya, 187-66, Samara, 443001 (RU).
- (81) CA KZ.
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- (51)⁷ **E21C 41/16, E21B 10/32, E21C 25/58, 27/24**
(11) **WO 00/15947** (13) A1
(21) PCT/US99/20409
(22) **7 Sep/sep 1999 (07.09.1999)**
(25) en (26) en
(30) 09/152,638 **14 Sep/sep 1998** US
(14.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • MINING MACHINE AND MINING METHOD
• ABATTEUSE ET PROCEDE D'EXPLOITATION MINIERE
- (71) **HOLMES LIMESTONE CO.** [US/US]; 4255 SR 39, Berlin, OH 44610 (US).
- (72) **MULLET, Merle, R.**; 5436 TR 356, Millersburg, OH 44654 (US). **HUMMEL, Rex, A.**; 5184 TR 356, Millersburg, OH 44654 (US).
- (74) **KENNER, Phillip, L.** et al. / etc.; Renner, Kenner, Greive, Bobak, Taylor & Weber, 1610 First National Tower, Akron, OH 44308-1456 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **F01D 1/08**
(11) **WO 00/15948** (13) A1
(21) PCT/RU98/00285
(22) **14 Sep/sep 1998 (14.09.1998)**
(25) ru (26) ru
(43) 23 Mar/mar 2000 (23.03.2000)
- (54) • TOROIDAL TURBINE
• TURBINE TOROIDALE
- (71) **ZAKRYTOE AKTSIONERNOE OBSHESTVO "NEZAVISIMAYA ENERGETIKA"** [RU/RU]; ul. B.Polyanka, 51a-2, Moscow, 109180 (RU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GRISHIN, Jury Arkadievich** [RU/RU]; Leningradskoe shosse, 19-57, Moscow, 141400 (RU).
- (74) **PATENT LAW FIRM "JUS"**; a/ya 184, Moscow, 103009 (RU).

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

(51)⁶ **F01D 7/00 // B64C 11/36, F04D 29/36**

(11) **WO 00/15949** (13) A1

(21) PCT/KR99/00067

(22) **9 Feb/fév 1999 (09.02.1999)**

(25) en (26) en

(30) 1998/38196 **16 Sep/sep 1998 (16.09.1998)** KR

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● APPARATUS FOR ADJUSTING ANGLE OF BLADE OF ROTATING BODY
● APPAREIL DE REGLAGE DE L'ANGLE D'UNE PALE DE CORPS ROTATIF

(71) **SEWON SEMICONDUCTOR INC.** [KR/KR]; 405 Factory World Building, 332-2 Wonchun-dong, Paldal-gu, Suwon-city, Kyunggi-do 442-380 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RYOU, Kang, Hyun** [KR/KR]; 1806-1109, Jugong 18-danji Apt., Chang 4-dong, Dobong-gu, Seoul 132-044 (KR).

(74) **LEE, Young, Pil**; The Cheonghwa Building, 1571-18 Seocho-dong, Seocho-gu, Seoul 137-073 (KR).

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

(51)⁷ **F01M 5/02**

(11) **WO 00/15950** (13) A1

(21) PCT/GB99/03064

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 9819982.1 **15 Sep/sep 1998 (15.09.1998)** GB

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● LUBRICATION SYSTEM
● SYSTEME DE LUBRIFICATION

(71, 72) **MITCHELL, Brett, Audley** [GB/GB]; 1 Glen Grove, Newtonmore, Inverness-Shire PH20 1EB (GB).

(74) **MURGITROYD & COMPANY**; 373 Scotland Street, Glasgow G5 8QA (GB).

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

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(51)⁶ **F01N 3/00**

(11) **WO 00/15951** (13) A1

(21) PCT/US99/21165

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 09/152,578 **14 Sep/sep 1998 (14.09.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● METHOD TO REDUCE DIESEL ENGINE EXHAUST EMISSIONS
● REDUCTION DES GAZ D'ECHAPPEMENT SUR UN MOTEUR DIESEL

(71) **THE UNIVERSITY OF CHICAGO** [US/US]; 5801 South Ellis Street, Chicago, IL 60637 (US).

(72) **POOLA, Ramesh, B.**; 89 Redstart Road, Naperville, IL 60565 (US). **SEKAR, Ramamujam, R.**; 1304 Galena Court, Naperville, IL 60564 (US).

(74) **KRIEGER, Joseph** et al. / etc.; Mason, Kolehmainen, Rathburn & Wyss, Suite 2400, 300 South Wacker Drive, Chicago, IL 60606-6701 (US).

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

Published / Publiée : (c)

(51)⁷ **F01P 7/16, B61D 27/00, B61C 5/02**

(11) **WO 00/15952** (13) A1

(21) PCT/EP99/06203

(22) **24 Aug/août 1999 (24.08.1999)**

(25) de (26) de

(30) 198 41 720.9 **11 Sep/sep 1998 (11.09.1998)** DE

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● COOLING SYSTEM, ESPECIALLY FOR RAILWAY VEHICLES
● SYSTEME DE REFROIDISSEMENT, NOTAMMENT POUR VEHICULES FERROVIAIRES

(71) **MÜLLER-BBM GMBH** [DE/DE]; Robert-Koch-Strasse 11, D-82152 Planegg (DE).

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

(72, 75) **SCHORER, Edwin** [DE/DE]; Willibaldstrasse 112a, D-80689 München (DE).

(74) **SKUHRA, Udo**; Reinhard, Skuhra, Weise & Partner, Postfach 44 01 51, D-80750 München (DE).

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

Published / Publiée : (c)

(51)⁶ **F02B 69/00, 23/08, F01B 29/04**

(11) **WO 00/15953** (13) A1

(21) PCT/AU99/00755

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) PP 5810 **11 Sep/sep 1998 (11.09.1998)** AU

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● ENGINE CONVERSIONS
● CONVERSIONS DE MOTEUR

(71) **ECOTRANS PTY. LIMITED** [AU/AU]; 23 Webb Road, Airport West, VIC 3042 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BENNETT, John, Robert** [AU/AU]; 23 Webb Road, Airport West, VIC 3042 (AU). **MCALICE, Russell, John** [AU/AU]; 23 Webb Road, Airport West, VIC 3042 (AU).

(74) **TATLOCK, Alfred**; A Tatlock & Associates, 208 Elgin Street, Carlton, VIC 3053 (AU).

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

(51)⁷ **F02B 71/02, 71/04**

(11) **WO 00/15954** (13) A1

(21) PCT/US99/19882

(22) **30 Aug/août 1999 (30.08.1999)**

(25) en (26) en

(30) 09/151,267 **11 Sep/sep 1998 (11.09.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● METHOD FOR OPERATION OF A FREE PISTON ENGINE
● PROCÉDÉ DE FONCTIONNEMENT D'UN MOTEUR À PISTONS LIBRES

(71) **CATERPILLAR INC.** [US/US]; 100 N.E. Adams Street, Peoria, IL 61629-6490 (US).

(72) **FENELON, Thomas, R.**; 3128 E. Cavalier, Chillicothe, IL 61523 (US). **CLARKE, John, M.**; 15615 N. Ivy Lake Road, Chillicothe, IL 61523 (US).

- (74) **HICKMAN, Alan, J.** et al. / etc.; 100 N.E. Adams Street, Peoria, IL 61629-6490 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **F02B 75/26, F01B 3/00, F16H 23/08, F02B 75/04, F01B 3/10**
- (11) **WO 00/15955** (13) A1
- (21) PCT/US99/21125
- (22) **14 Sep/sep 1999 (14.09.1999)**
- (25) en (26) en
- (30) 09/154,153 **15 Sep/sep 1998 (15.09.1998)** US
- (30) PCT/US98/19164 **15 Sep/sep 1998 (15.09.1998)** US
- (30) 09/276,314 **25 Mar/mar 1999 (25.03.1999)** US
- (30) 09/369,013 **5 Aug/août 1999 (05.08.1999)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • PISTON ENGINE BALANCING
• EQUILIBRAGE D'UN MOTEUR A PISTONS
- (63) US 09/154,153 (CON)
US 15 Sep/sep 1998 (15.09.1998)
US 09/276,314 (CON)
US 25 Mar/mar 1999 (25.03.1999)
US 09/369,013 (CON)
US 5 Aug/août 1999 (05.08.1999)
US PCT/US98/19164 (CON)
US 15 Sep/sep 1998 (15.09.1998)
- (71) **R. SANDERSON MANAGEMENT, INC.** [US/US]; 63 W. Hidden Valley Airpark, Denton, TX 76208 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SANDERSON, Robert, A.** [US/US]; 63 W. Hidden Valley Airpark, Denton, TX 76208 (US). **SANDERSON, Albert, E.** [US/US]; 70 Forest Park Drive, Carlisle, MA 01741 (US). **HEBERT, Kay** [DE/US]; 65 Sunnyside Avenue, Winthrop, MA 02152 (US).
- (74) **SHARKANSKY, Richard, M.**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).
- (81) CA CN JP KR MX RU US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **F02M 21/02, 43/04, 43/02, 47/02**
- (11) **WO 00/15956** (13) A1
- (21) PCT/CA99/00845
- (22) **15 Sep/sep 1999 (15.09.1999)**
- (25) en (26) en
- (30) 09/154,103 **16 Sep/sep 1998 (16.09.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • GASEOUS AND LIQUID FUEL INJECTOR
• INJECTEUR DE CARBURANT LIQUIDE ET GAZEUX
- (71) **WESTPORT RESEARCH INC.** [CA/CA]; 1691 West 75th Avenue, Vancouver, British Columbia V6P 6P2 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TOUCHETTE, Alain, M., J.** [CA/CA]; #314 - 1323 West 71st Avenue, Vancouver, British Columbia V6P 6H5 (CA). **DOUVILLE, Bradley, D.** [CA/CA]; #403 - 1 Cordova Street, Vancouver, British Columbia V6A 4H3 (CA). **BAKER, Simon, M.** [CA/CA]; #305 - 7471 Blundell Road, Richmond, British Columbia V6Y 1J6 (CA).
- (74) **OYEN, Gerald, O., S.** et al. / etc.; #480 - The Station, 601 West Cordova Street, Vancouver, British Columbia V6B 1G1 (CA).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **F02M 27/04**
- (11) **WO 00/15957** (13) A1
- (21) PCT/CA98/00881
- (22) **15 Sep/sep 1998 (15.09.1998)**
- (25) en (26) en
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • FUEL CONDITIONING DEVICE FOR IONIZING HYDROCARBON FUEL IN INTERNAL COMBUSTION ENGINES
• DISPOSITIF DE CONDITIONNEMENT DE CARBURANT POUR IONISER UN CARBURANT HYDROCARBURE DANS DES MOTEURS A COMBUSTION INTERNE
- (71) **CHAUFFA-TECH** [CA/CA]; Division de 3222641 Canada Inc., 2000 rue Cunard, Laval, Quebec H7S 2G5 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SIGOUIN, Jean-Paul** [CA/CA]; 1705 de Miranda, Laval, Quebec H7M 4L4 (CA). **GRAVEL, Lucien** [CA/CA]; 29 avenue Bellevue, St-Vincent de Paul, Laval, Quebec H7C 1T2 (CA).
- (74) **MITCHELL, Robert** 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 GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **F02M 35/16**
- (11) **WO 00/15958** (13) A1
- (21) PCT/US99/20465
- (22) **7 Sep/sep 1999 (07.09.1999)**
- (25) en (26) en
- (30) 09/154,993 **17 Sep/sep 1998 (17.09.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • VALVE ASSEMBLY FOR PREVENTING LIQUID INGESTION AND METHODS
• ENSEMBLE CLAPET EMPECHANT L'ENTREE DE LIQUIDE ET TECHNIQUE ASSOCIEE
- (71) **DONALDSON COMPANY, INC.** [US/US]; 1400 West 94th Street, P.O. Box 1299, Minneapolis, MN 55440-1299 (US).
- (72) **RISCH, Daniel, T.**; 1116 136th Street West, Burnsville, MN 55337 (US). **GILLINGHAM, Gary, R.**; 17305 Flemming Lane, Prior Lake, MN 55372 (US). **WAHLQUIST, Fred, H.**; 8444 11th Avenue South, Bloomington, MN 55420 (US). **WAGNER, Wayne, M.**; 120 Redwood Drive, Apple Valley, MN 55124 (US). **TOKAR, Joseph, C.**; 6205 137th Street, Apple Valley, MN 55124 (US). **MATTHYS, Bernard, A.**; 204 Strese Lane, Apple Valley, MN 55124 (US). **BETTS, Pete, A.**; 14321 Aspen Avenue, Prior Lake, MN 55372 (US).
- (74) **BRUESS, Steven, C.**; Merchant & Gould P.C., 3100 Norwest Center, 90 South Seventh Street, Minneapolis, MN 55402-4131 (US).
- (81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)

(51)⁶ F02M 37/04

(11) WO 00/15959 (13) A1

(21) PCT/US99/20816

(22) 9 Sep/sep 1999 (09.09.1999)

(25) en (26) en

(30) 60/099,818 10 Sep/sep 1998 US
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • FUEL INJECTOR
• INJECTEUR DE CARBURANT

(71) NAVISTAR INTERNATIONAL TRANSPORTATION CORP. [US/US]; 455 N. Cityfront Plaza Drive, Suite 1300, Chicago, IL 60611 (US).

(72) LEI, Ning; 1004 Sable Drive, Addison, IL 60101 (US). XILIN, Yang; 1045 Nerge Road, Apt. 402, Elk Grove Village, IL 60007 (US). ARNOLD, Steven, C.; 526 South Highland Avenue, Lombard, IL 60148 (US).

(74) SULLIVAN, Dennis, Kelly et al. / etc.; Navistar International Transportation Corp., 455 N. Cityfront Plaza Drive, Suite 1300, Chicago, IL 60611 (US).

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

Published / Publiée : (c)

(51)⁷ F02M 69/54

(11) WO 00/15960 (13) A1

(21) PCT/EP99/05306

(22) 24 Jul/juil 1999 (24.07.1999)

(25) de (26) de

(30) 198 41 657.1 11 Sep/sep 1998 DE
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • PRESSURE SENSOR FOR AN INTERNAL COMBUSTION ENGINE
• CAPTEUR DE PRESSION POUR MOTEUR A COMBUSTION INTERNE(71) AUDI AG [DE/DE]; D-85045 Ingolstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FABRITIUS, Gerhard [DE/DE]; Menzelstrasse 1, D-85049 Ingolstadt (DE). KAUFMANN, Gerhard [DE/DE]; Schatzgarstrasse 19, D-85049 Ingolstadt (DE).

(74) LE VRANG, Klaus et al. / etc.; Audi AG, Abteilung I/EK-P, D-85045 Ingolstadt (DE).

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

(51)⁷ F03D 11/00, 1/06, B64C 23/06

(11) WO 00/15961 (13) A1

(21) PCT/DK99/00490

(22) 16 Sep/sep 1999 (16.09.1999)

(25) en (26) en

(30) PA 1998 01167 16 Sep/sep 1998 DK
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • WIND TURBINE BLADE WITH VORTEX GENERATOR
• PALE DE TURBINE MUNIE DE GENERATEURS DE TOURBILLONS(71) LM GLASFIBER A/S [DK/DK]; Rolles Møllevvej 1, DK-6640 Lunderskov (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GRABAU, Peter [DK/DK]; H.P. Petersensvej 10, DK-6000 Kolding (DK).

(74) CHAS. HUDE A/S; H.C. Andersens Boulevard 33, DK-1553 Copenhagen V (DK).

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

Published / Publiée : (c)

(51)⁷ F04B 43/06 // 43/073

(11) WO 00/15962 (13) A1

(21) PCT/SE99/01571

(22) 9 Sep/sep 1999 (09.09.1999)

(25) sv (26) en

(30) 9803074-5 10 Sep/sep 1998 SE
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • DOUBLE-ACTING PUMP
• POMPE A DOUBLE ACTION

(71, 72) BAHRTON, Svante [SE/SE]; Stamstigen 13, S-181 47 Lidingö (SE).

(74) SUNDSTRÖM, Per et al. / etc.; Stenhagen Patentbyrå AB, P.O. Box 4630, S-116 91 Stockholm (SE).

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

Published / Publiée : (c)

(51)⁶ F04D 25/08, 29/42

(11) WO 00/15963 (13) A1

(21) PCT/AU98/00751

(22) 11 Sep/sep 1998 (11.09.1998)

(25) en (26) en

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • FLUID PUMPS
• POMPES A FLUIDE

(71, 72) KING, Peter, John [AU/AU]; 31 Morning Glory Drive, Lake Cooroibah, QLD 4565 (AU).

(74) PIZZEYS PATENT & TRADE MARK ATTORNEYS; 6/444 Queen Street, Brisbane, QLD 4000 (AU).

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

(51)⁷ F15B 15/06

(11) WO 00/15964 (13) A1

(21) PCT/SE99/01552

(22) 7 Sep/sep 1999 (07.09.1999)

(25) sv (26) en

(30) 9803060-4 10 Sep/sep 1998 SE
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • PNEUMATIC OR HYDRAULIC OPERATING DEVICE
• DISPOSITIF A FONCTIONNEMENT PNEUMATIQUE OU HYDRAULIQUE(71) NAF AB [SE/SE]; Gelbgjutaregatan 2, S-581 87 Linköping (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LUNDQVIST, Per [SE/SE]; Kvinnebyvägen 204, S-589 33 Linköping (SE).

(74) WILLQUIST, Bo et al. / etc.; Willquist & Partners Patentbyrå AB, Platensgatan 9C, S-582 20 Linköping (SE).

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

Published / Publiée : (c)

(51)⁶ **F16B 7/16, B65B 67/12**(11) **WO 00/15965** (13) A1

(21) PCT/SE99/01614

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 9803149-5 **16 Sep/sep 1998 SE (16.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • A LOCKING DEVICE AND AN ADJUSTABLE FRAME COMPRISING A LOCKING DEVICE

• DISPOSITIF DE BLOCAGE ET CADRE REGLABLE COMPORTANT UN DISPOSITIF DE BLOCAGE

(71) **MARIANNE TRADING AB** [SE/SE]; Box 2097, S-182 56 Danderyd (SE).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **LINDELÖF, Lars** [SE/SE]; Östbovägen 11B, S-182 56 Danderyd (SE).(74) **AXEL EHRNERS PATENTBYRÅ AB**; Box 103 16, Gumshornsgatan 7, S-100 55 Stockholm (SE).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁶ **F16B 23/00**(11) **WO 00/15966** (13) A1

(21) PCT/CN98/00186

(22) **10 Sep/sep 1998 (10.09.1998)**

(25) zh (26) zh

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • IMPROVED STRUCTURE OF A MULTI-ANGLE NUT AND ITS DRIVING OR UNSCREWING TOOL

• STRUCTURE AMELIOREE D'ECROU MULTIANGULAIRE ET SON OUTIL DE VISSAGE OU DEVISSAGE

(71, 72) **ZHANG, Zhen-hai** [CN/CN]; 3-1 F1, No.99, Sec 2, Chung-Shan N. Road, Taipei, Taiwan (CN).(74) **LUNG TIN INT' L PATENT & TRADE-MARK AGENT LTD.**; Suite 504-511, Int' 1 Enterprises Cooperation Business Tower, No. 20, Zhichun Road, Haidian District, Beijing 100088 (CN).

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

(51)⁷ **F16C 11/06**(11) **WO 00/15967** (13) A1

(21) PCT/EP99/06590

(22) **7 Sep/sep 1999 (07.09.1999)**

(25) de (26) de

(30) 198 41 410.2 **10 Sep/sep 1998 DE (10.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • BALL-AND-SOCKET JOINT
• ARTICULATION A ROTULE(71) **TRW FAHRWERKSYSTEME GMBH & CO. KG** [DE/DE]; Hansaallee 190, D-40547 Düsseldorf (DE).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **DORR, Christoph** [DE/DE]; Kiliansstrasse 73, D-46514 Schermbeck (DE).(74) **STENGER, WATZKE & RING**; Kaiser-Friedrich-Ring 70, D-40547 Düsseldorf (DE).

(81) JP US.

(51)⁷ **F16C 29/06**(11) **WO 00/15968** (13) A1

(21) PCT/EP99/06074

(22) **19 Aug/août 1999 (19.08.1999)**

(25) de (26) de

(30) 198 41 667.9 **11 Sep/sep 1998 DE (11.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • LINEAR ROLL BEARING
• PALIER A ROULEMENT LINEAIRE(71) **INA WÄZLAGER SCHAEFFLER OHG** [DE/DE]; Industriestrasse 1-3, D-91074 Herzogenaurach (DE).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **GREINER, Heinz** [DE/DE]; Quellweg 9, D-73061 Ebersbach (DE).

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

(51)⁷ **F16C 29/08**(11) **WO 00/15969** (13) A1

(21) PCT/EP99/06481

(22) **3 Sep/sep 1999 (03.09.1999)**

(25) de (26) de

(30) 198 41 668.7 **11 Sep/sep 1998 DE (11.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • LINEAR ROLLING BEARING

• PALIER A ROULEMENT LINEAIRE

(71) **INA WÄZLAGER SCHAEFFLER OHG** [DE/DE]; Industriestrasse 1-3, D-91074 Herzogenaurach (DE).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **EDER, Jean-Marie** [FR/FR]; 7, rue du Gymnase, F-67360 Woerth (FR).
MENGES, Martin [DE/DE]; Riemenschneiderstrasse 24, D-66424 Homburg (DE).
SATTLER, Michael [DE/DE]; In den Rothwiesen, D-66459 Kirkel (DE).

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

(51)⁷ **F16C 33/10, H02K 5/167**(11) **WO 00/15970** (13) A1

(21) PCT/DE99/02809

(22) **4 Sep/sep 1999 (04.09.1999)**

(25) de (26) de

(30) 198 41 655.5 **11 Sep/sep 1998 DE (11.09.1998)**(30) 199 37 567.4 **9 Aug/août 1999 DE (09.08.1999)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • SINTERED PLAIN BEARING FOR ENGINES AND GEARS

• PALIER LISSE FRITTE POUR MOTEURS ET ENGRENAGES

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).
SIMON GMBH & CO. KG [DE/DE]; Sulgener Strasse 19-23, D-78733 Aichhalden (DE).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **DORNHÖFER, Gerd** [DE/DE]; Balingen Strasse 37, D-71229 Leonberg (DE).**KOCH, Hans-Peter** [DE/DE]; Schützenbühlstrasse 15, D-70435 Stuttgart (DE).**VOGT, Andreas** [DE/DE]; Kiebitzweg 8, D-71272 Renningen (DE).**BROGHAMMER, Thomas** [DE/DE]; Buhlen 2, D-78733 Aichhalden (DE).**KURZ, Guido** [DE/DE]; Teufenstrasse 91, D-78664 Eschbronn-Locherhof (DE).**STEHR, Werner** [DE/DE]; Nordstädter Strasse 26, D-72160 Horb-Ahldorf (DE).(74) **VOSS, Klaus** et al. / etc.; Robert Bosch GmbH, Postfach 30 02 20, D-70442 Stuttgart (DE).

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

Published / Publiée : (c)

(51)⁶ **F16D 21/06, 27/12**(11) **WO 00/15971** (13) A1

(21) PCT/US99/19870

(22) **27 Aug/août 1999 (27.08.1999)**

(25) en (26) en

(30) 09/153,424 **15 Sep/sep 1998 US (15.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • DUAL CLUTCH DESIGN FOR AN ELECTRO-MECHANICAL AUTOMATIC TRANSMISSION HAVING A DUAL INPUT SHAFT

• SYSTEME DOUBLE EMBRAYAGE POUR TRANSMISSION ELECTRO-MECANIQUE AUTOMATIQUE AVEC DEUX ARBRES PRIMAIRES

(71) **DAIMLERCHRYSLER CORPORATION** [US/US]; 1000 Chrysler Drive, Auburn Hills, MI 48326-2766 (US).

(72) **REED, Richard, G., Jr.**; 3003 Bembridge, Royal Oak, MI 48073 (US). **CARRIERE, Donald, L.**; 35611 Six Mile Road, Livonia, MI 48152 (US).

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

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

(51)⁶ **F16D 27/12, 13/75**

(11) **WO 00/15972** (13) A1

(21) PCT/US99/19637

(22) **27 Aug/août 1999 (27.08.1999)**

(25) en (26) en

(30) 09/153,423 **15 Sep/sep 1998** US
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ELECTRO-MECHANICAL CLUTCH ACTUATOR

• ACTIONNEUR D'EMBRAYAGE ELECTROMECHANIQUE

(71) **DAIMLERCHRYSLER CORPORATION** [US/US]; 1000 Chrysler Drive, Auburn Hills, MI 48326-2766 (US).

(72) **REED, Richard, G., Jr.**; 3003 Bembridge, Royal Oak, MI 48073 (US). **CARRIERE, Donald, L.**; 35611 Six Mile Road, Livonia, MI 48152 (US).

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

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

(51)⁷ **F16D 59/02, 51/04**

(11) **WO 00/15973** (13) A1

(21) PCT/EP99/06747

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) de (26) de

(30) A 1537/98 **11 Sep/sep 1998** AT
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • BRAKE DRIVE

• SYSTEME D'ENTRAINEMENT DE FREIN

(71, 72) **SCHUSTER, Wilhelm** [AT/AT]; Neubauzeile 87, A-4030 Linz (AT).

(74) **ZELLENTIN, Rüdiger**; Zellentin & Partner, Zweibrückenstrasse 15, D-80331 München (DE).

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

(51)⁶ **F16D 65/00**

(11) **WO 00/15974** (13) A1

(21) PCT/US99/20859

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 09/151,488 **11 Sep/sep 1998** US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • MODULAR ROTOR

• ROTOR MODULAIRE

(71) **HAYES LEMMERZ INTERNATIONAL, INC.** [US/US]; 15300 Centennial Drive, Northville, MI 48167 (US).

(72) **DAUDI, Anwar, R.**; 4536 Lohr Road, Ann Arbor, MI 48108 (US).

(74) **FLOYD, Patrick, D.**; Marshall & Melhorn, 8th floor, Four SeaGate, Toledo, OH 43604 (US).

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

(51)⁷ **F16D 65/12**

(11) **WO 00/15975** (13) A1

(21) PCT/US99/20735

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 09/151,341 **11 Sep/sep 1998** US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ROTOR WITH VISCOELASTIC VIBRATION REDUCING ELEMENT AND METHOD OF MAKING THE SAME

• DISQUE DE FREIN EQUIPE D'UN AMORTISSEUR DE VIBRATIONS VISCOELASTIQUE ET PROCEDE DE FABRICATION DUDIT DISQUE DE FREIN

(71) **HAYES LEMMERZ INTERNATIONAL, INC.** [US/US]; 15300 Centennial Drive, Northville, MI 48167 (US).

(72) **DAUDI, Anwar, R.**; 4536 Lohr Road, Ann Arbor, MI 48108 (US).

(74) **FLOYD, Patrick, D.**; Marshall & Melhorn, 8th floor, Four Seagate, Toledo, OH 43604 (US).

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

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(51)⁶ **F16F 15/26, F02B 75/06**

(11) **WO 00/15976** (13) A1

(21) PCT/EP99/00529

(22) **27 Jan/jan 1999 (27.01.1999)**

(25) de (26) de

(30) 298 16 658.5 **16 Sep/sep 1998** DE
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • MASS BALANCING SYSTEM WITH A LUBRICATING OIL PUMP FOR RECIPROCATING ENGINES

• SYSTEME D'EQUILIBRAGE DE MASSE COMPORTANT UNE POMPE A HUILE LUBRIFIANTE POUR MOTEURS A PISTONS ALTERNATIFS

(71) **TROCHOCENTRIC (INTERNATIONAL) AG** [CH/CH]; Fuchsenbergstrasse 23, CH-8645 Jona (CH).

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

(72, 75) **EISENMANN, Siegfried, A.** [DE/DE]; Conchesstrasse 25, D-88326 Aulendorf (DE).

(74) **SCHWABE, Hans-Georg** et al. / etc.; Stuntzstrasse 16, D-81677 München (DE).

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

(51)⁷ **F16H 9/00**

(11) **WO 00/15977** (13) A2

(21) PCT/US99/21059

- (22) **14 Sep/sep 1999 (14.09.1999)**
- (25) en (26) en
- (30) 60/100,220 **14 Sep/sep 1998 US (14.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● DUAL DRIVE CONTINUOUSLY VARIABLE TRANSMISSION
● TRANSMISSION A CHANGEMENT DE VITESSES CONTINU A DOUBLE ENTRAINEMENT
- (71) **A.W. BROWN CO., INC.** [US/US]; Suite F, 3416 Via Lido, Newport Beach, CA 92663 (US).
- (72) **BROWN, Albert, W.**; 1207 Pembroke Lane, Newport Beach, CA 92660 (US).
- (74) **NATAUPSKY, Steven, J.**; Knobbe, Martens, Olson & Bear, LLP, 16th floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **F16H 15/38**
- (11) **WO 00/15978** (13) A1
- (21) PCT/GB99/02968
- (22) **7 Sep/sep 1999 (07.09.1999)**
- (25) en (26) en
- (30) 9819903.7 **11 Sep/sep 1998 GB (11.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● HYDRAULIC SUPPLY FOR INFINITELY VARIABLE TRANSMISSION
● ALIMENTATION HYDRAULIQUE POUR TRANSMISSION A FONCTIONNEMENT CONTINU
- (71) **TOROTRAK (DEVELOPMENT) LTD.** [GB/GB]; 1 Aston Way, Leyland, Preston, Lancashire PR5 3UX (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DUTSON, Brian, Joseph** [GB/GB]; 76 Ullswater Road, Astley, Tyldesley, Manchester M29 7AQ (GB).
- (74) **BINGHAM, Ian, Mark**; BTG International Ltd., Patents Division, 10 Fleet Place, Limeburner Lane, London EC4M 7SB (GB).
- (81) JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)⁷ **F16J 15/20**
- (11) **WO 00/15981** (13) A1
- (21) PCT/US99/20761
- (22) **14 Sep/sep 1999 (14.09.1999)**
- (25) en (26) en
- (30) 09/153,166 **15 Sep/sep 1998 US (15.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● SHIFT ACTUATOR FOR AN ELECTRO-MECHANICAL AUTOMATIC TRANSMISSION
● COMMANDE DE CHANGEMENT DE VITESSE D'UNE TRANSMISSION AUTOMATIQUE ELECTROMECHANIQUE
- (71) **DAIMLERCHRYSLER CORPORATION** [US/US]; 1000 Chrysler Drive, Auburn Hills, MI 48326-2766 (US).
- (72) **REED, Richard, G., Jr.**; 3003 Bembridge, Royal Oak, MI 48073 (US). **CARRIERE, Donald, L.**; 35611 Six Mile Road, Livonia, MI 48152 (US).
- (74) **GALLOWAY, Peter, D.**; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (US) et al. / etc.
- (81) BR CA JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **F16H 61/38, 15/38**
- (11) **WO 00/15980** (13) A1
- (21) PCT/GB99/02959
- (22) **7 Sep/sep 1999 (07.09.1999)**
- (25) en (26) en
- (30) 9819904.5 **11 Sep/sep 1998 GB (11.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● HYDRAULIC SUPPLY FOR INFINITELY VARIABLE TRANSMISSION
● ALIMENTATION HYDRAULIQUE POUR TRANSMISSION A CHANGEMENT DE VITESSES CONTINU
- (71) **TOROTRAK (DEVELOPMENT) LTD.** [GB/GB]; 1 Aston Way, Leyland, Preston, Lancashire PR5 3UX (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DUTSON, Brian, Joseph** [GB/GB]; 76 Ullswater Road, Astley, Tyldesley, Manchester M29 7AQ (GB).
- (74) **BINGHAM, Ian, Mark**; BTG International Ltd., Patents Division, 10 Fleet Place, Limeburner Lane, London EC4M 7SB (GB).
- (81) JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)⁷ **F16J 15/34**
- (11) **WO 00/15982** (13) A1
- (21) PCT/JP99/04965
- (22) **13 Sep/sep 1999 (13.09.1999)**
- (25) ja (26) ja
- (30) 10/276664 **11 Sep/sep 1998 JP (11.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● MECHANICAL SEAL MEMBER
● JOINT MECANIQUE
- (71) **TOYO TANSO CO., LTD.** [JP/JP]; 7-12, Takeshima 5-chome, Nishiyodogawa-ku, Osaka-shi, Osaka 555-0011 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MATSUMOTO, Takashi** [JP/JP]; Toyo Tanso Co., Ltd., 850, Hagiwara, Ohnohara-cho, Mitoyo-gun, Kagawa 769-1614 (JP). **FUKUDA, Toshiomi** [JP/JP]; Toyo Tanso Co., Ltd., 850, Hagiwara, Ohnohara-cho, Mitoyo-gun, Kagawa 769-1614 (JP). **OZAKI, Shin-ichi** [JP/JP]; Toyo Tanso Co., Ltd., 850, Hagiwara, Ohnohara-cho, Mitoyo-gun, Kagawa 769-1614 (JP). **TAKIMOTO, Yuji** [JP/JP]; Toyo Tanso Co., Ltd., 850, Hagiwara, Ohnohara-cho, Mitoyo-gun, Kagawa 769-1614 (JP).
- (74) **KAJI, Yoshiyuki**; Recruit Shin Osaka Building, 14-22, Nishinakajima 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).
- (81) KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **F16J 15/44**
- (11) **WO 00/15983** (13) A1
- (21) PCT/EP99/05952
- (22) **13 Aug/août 1999 (13.08.1999)**
- (25) de (26) de

(30) 198 41 830.2 **12 Sep/sep 1998** DE
(12.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • LOW-FRICTION SEAL

- ELEMENT D'ETANCHEITE A FAIBLE FROTTEMENT

(71) **HERBERT HÄNCHEN KG** [DE/DE]; Brunnwiesenstrasse 3, D-73760 Ostfildern (DE).

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

(72, 75) **BUSSE, Herbert** [DE/DE]; Segelfalterstrasse 71, D-70439 Stuttgart (DE). **FABROWSKY, Hans-Dieter** [DE/DE]; Wilhelm-Maybachstrasse 7, D-73765 Neuhausen a.d.F. (DE).

(74) **HÖSSLE & KUDLEK**; Moserstrasse 8, D-70182 Stuttgart (DE).

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

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(51)⁶ **F16K 1/36, 1/08**

(11) **WO 00/15984** (13) A1

(21) PCT/EP98/05910

(22) **16 Sep/sep 1998 (16.09.1998)**

(25) de (26) de

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • VALVE
• SOUPAPE

(71) **ARI ARMATUREN ALBERT RICHTER GMBH & CO. KG** [DE/DE]; Mergelheide 56-60, D-33758 Schloß Holte-Stukenbrock (DE).

(72) **UNRUH, Roland**; Entengang 20, D-31787 Hameln (DE). **KESSELHUT, Rainer**; Zum Wallberg 2, D-33165 Herbram (DE). **KRAMIG, Heinrich**; Ostenländer Str. 43, D-33129 Delbrück (DE).

(74) **STRACKE, Alexander** et al. / etc.; Jöllenbecker Strasse 164, D-33613 Bielefeld (DE).

(81) BR CA KR NO SG SK VN YU.

Published / Publiée : (a)

(51)⁶ **F16K 1/42, 11/087, 25/00, 43/00**

(11) **WO 00/15985** (13) A1

(21) PCT/US99/21191

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 09/154,905 **17 Sep/sep 1998** US
(17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • SWITCH VALVE
• VANNE DE COMMUTATION

(71) **TYCO FLOW CONTROL, INC.** [US/US]; 9700 West Gulf Bank Drive, Houston, TX 77040 (US).

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

(72, 75) **BEASLEY, Marvin, E.** [-/US]; 5206 Braesvalley, Houston, TX 77096 (US).

(74) **HELMREICH, Loren, G.**; Browning Bushman, Suite 1800, 5718 Westheimer Road, Houston, TX 77057 (US).

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

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(51)⁶ **F16K 17/36**

(11) **WO 00/15986** (13) A1

(21) PCT/US99/20863

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 09/153,237 **15 Sep/sep 1998** US
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • RESETTABLE EARTHQUAKE GAS LINE VALVE
• VANNE DE FERMETURE DE CANALISATION DE GAZ POUVANT ETRE REGLEE A L'ETAT INITIAL APRES UN TREMBLEMENT DE TERRE

(71, 72) **COLE, Thomas, H.** [US/US]; 10307 Glenbarr Avenue, Los Angeles, CA 90064 (US). **CRAIG, Garrett** [US/US]; 211 S Del Sol Lane, Diamond Bar, CA 91765 (US).

(74) **PRICE, D., Douglas**; Jacobson, Price, Holman & Stern, PLLC, 400 Seventh Street, N., W., Washington, DC 20004 (US).

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

(51)⁶ **F16K 17/36, A01G 27/00, B05B 12/12**

(11) **WO 00/15987** (13) A1

(21) PCT/US99/21036

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 09/153,652 **15 Sep/sep 1998** US
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • IRRIGATION SYSTEM HAVING SENSOR ARRAYS FOR FIELD MAPPING

- SYSTEME D'IRRIGATION MUNI DE RESEAUX DE CAPTEURS CONÇUS POUR LA CARTOGRAPHIE DE CHAMPS

(71) **THE UNITED STATES OF AMERICA, as represented by THE SECRETARY OF AGRICULTURE** [US/US]; 1400 Independence Avenue S.W., Washington, DC 20250-0302 (US). **VALMONT INDUSTRIES, INC.** [US/US]; 1 Valmont Plaza, Omaha, NE 68154-5215 (US).

(72) **UPCHURCH, Dan, R.**; 3810 - 62nd Drive, Lubbock, TX 79413 (US). **WANJURA, Donald, F.**; 6401 Peoria, Lubbock, TX 79413 (US). **MAHAN, James, R.**; 3302 - 22nd, Lubbock, TX 79410 (US). **BURKE, John, J.**; 5412 -79th Street, Lubbock, TX 79424 (US). **CHAPMAN, John, A.**; 1306 North Birch Street, Wahoo, NE 68066 (US).

(74) **PENDORF, Stephan, A.** et al. / etc.; Pendorf & Cutliff, P.O. Box 20445, Tampa, FL 33622-0445 (US).

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

(51)⁷ **F16K 31/06, 27/00**

(11) **WO 00/15988** (13) A1

(21) PCT/EP99/06536

(22) **6 Sep/sep 1999 (06.09.1999)**

(25) de (26) de

(30) 198 41 333.5 **10 Sep/sep 1998** DE
(10.09.1998)

(30) 199 30 969.8 **5 Jul/juil 1999** DE
(05.07.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ELECTROMAGNETIC VALVE
• VALVE ELECTROMAGNETIQUE

(71) **CONTINENTAL TEVES AG & CO. OHG** [DE/DE]; Guerickestrasse 7, D-60488 Frankfurt (DE).

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

(72, 75) **CZARNETZKI, Edwin** [DE/DE]; Gartenstrasse 20, D-65604 Elz (DE). **VOLZ, Peter** [DE/DE]; In den Wingerten 14, D-64291 Darmstadt (DE).

(74) **CONTINENTAL TEVES AG & CO. OHG**; Guerickestrasse 7, D-60488 Frankfurt (DE).

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

(51)⁷ **F16K 31/122**

(11) **WO 00/15989** (13) A1

(21) PCT/EP99/06797

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) de (26) de

(30) 198 42 037.4 **14 Sep/sep 1998 (14.09.1998)** DE

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • VALVE
• SOUPAPE

(71) **RHODIA ACETOW GMBH** [DE/DE]; Engesserstrasse 8, D-79108 Freiburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZÄHRINGER, Bernhard** [DE/DE]; Rotteckring 8a, D-79341 Kenzingen (DE).

(74) **HAGEMANN, Heinrich** et al. / etc.; Hagemann, Braun & Held, Postfach 86 03 29, D-81630 München (DE).

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

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(51)⁶ **F16K 31/126**

(11) **WO 00/15990** (13) A1

(21) PCT/JP99/04577

(22) **25 Aug/août 1999 (25.08.1999)**

(25) ja (26) ja

(30) 10/261474 **16 Sep/sep 1998 (16.09.1998)** JP

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • BELLOWS TYPE PRESSURE RESPONDING VALVE
• SOUPAPE AGISSANT EN REPOSE A LA PRESSION, DU TYPE SOUPAPE A SOUFFLET

(71) **KABUSHIKI KAISHA SAGINOMIYA SEISAKUSHO** [JP/JP]; 55-5, Wakamiya 2-chome, Nakano-ku, Tokyo 165-0033 (JP). **KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO** [JP/JP]; 1, Toyodacho 2-chome, Kariya-shi, Aichi 448-8671 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KUMAGAI, Kiyoshi** [JP/JP]; Kabushiki Kaisha Saginomiya Seisakusho, Sayama Jigyosho, 535, Sasai, Sayama-shi,

Saitama 350-1327 (JP). **OHKAWARA, Ichiro** [JP/JP]; Kabushiki Kaisha Saginomiya Seisakusho, Sayama Jigyosho, 535, Sasai, Sayama-shi, Saitama 350-1327 (JP). **OKADA, Tomoo** [JP/JP]; Kabushiki Kaisha Saginomiya Seisakusho, Sayama Jigyosho, 535, Sasai, Sayama-shi, Saitama 350-1327 (JP). **HIDAKA, Shigeyuki** [JP/JP]; Kabushiki Kaisha Toyoda Jidoshokki Seisakusho, 1, Toyodacho 2-chome, Kariya-shi, Aichi 448-8671 (JP).

(74) **TAKINO, Hideo** et al. / etc.; Hiroo SK building, 4th floor, 36-13, Ebisu 2-chome, Shibuya-ku, Tokyo 150-0013 (JP).

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

(51)⁶ **F16K 31/34, 31/385, 47/08**

(11) **WO 00/15991** (13) A1

(21) PCT/US99/21061

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 09/152,750 **14 Sep/sep 1998 (14.09.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • TOILET FILL VALVE WITH IMPROVED NOISE ABATEMENT
• ROBINET DE REMPLISSAGE DES WC A REDUCTION DE BRUIT PLUS EFFICACE

(71) **FLUIDMASTER, INC.** [US/US]; 30800 Rancho Viejo Road, San Juan Capistrano, CA 92675 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LE, Tuan, Van** [VN/US]; 840 Bridle Drive, Diamond Bar, CA 91765 (US). **COPPOCK, Christopher, A.** [US/US]; 25 Cala Moreya, Laguna Niguel, CA 92677 (US).

(74) **MYERS, Richard, L.** et al. / etc.; Myers, Dawes & Andras LLP, Suite 650, 650 Town Center Drive, Costa Mesa, CA 92626 (US).

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

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(51)⁷ **F16L**

(11) **WO 00/15992** (13) A2

(21) PCT/EP99/06702

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) de (26) de

(30) 09/151,511 **11 Sep/sep 1998 (11.09.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • TUBE FOR LINING PIPES AND CHANNELS, AND A METHOD AND DEVICE FOR THE PRODUCTION THEREOF

• FLEXIBLE POUR GARNIR DES CANALISATIONS ET DES CANAUX, ET PROCEDE ET DISPOSITIF PERMETTANT DE LE PRODUIRE

(71) **KARL WEISS HOCH-, TIEF- UND ROHRLEITUNGSBAU GMBH & CO.** [DE/DE]; Hegauer Weg 25, D-14163 Berlin (DE).

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

(72, 75) **SCHWERT, Siegfried** [DE/DE]; Nieritzweg 11, D-14165 Berlin (DE). **RABOLD, Wolf** [DE/DE]; Görschstrasse 21, D-13187 Berlin (DE). **MARQUARDT, Peter** [DE/DE]; Strünckweg 1, D-13627 Berlin (DE).

(74) **PFENNING MEINIG & PARTNER**; Kurfürstendamm 170, D-10707 Berlin (DE).

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

(51)⁷ **F16L 1/024, C08J 3/24**

(11) **WO 00/15993** (13) A1

(21) PCT/GB99/03027

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) 9819718.9 **11 Sep/sep 1998 (11.09.1998)** GB

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • A METHOD OF INSTALLING CROSS-LINKED THERMOPLASTICS PIPELINES

• PROCEDE D'INSTALLATION DE CANALISATIONS EN MATIERE THERMOPLASTIQUE RETICULEE

(71) **ADVANCED ENGINEERING SOLUTIONS LIMITED** [GB/GB]; South Nelson Road, South Nelson Industrial Estate, Cramlington, Northumberland NE23 9WF (GB).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **BURLEY, Colin** [GB/GB]; 28 Ebchester Court, Newcastle upon Tyne NE3 2QX (GB).

(72, 75) **WRIGHT, Nigel** [GB/GB]; 17 Kenmore Road, Swarland, Northumberland NE65 9JS (GB).

(74) **JONES, Stephen, Anthony**; Lewis & Taylor, 49 Stoney Street, Nottingham NG1 1LX (GB).

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

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(51)⁷ **F16L 11/12, 11/08**

(11) **WO 00/15994** (13) A1

(21) PCT/US99/08016

(22) **13 Apr/avr 1999 (13.04.1999)**

(25) en (26) en

(30) 09/150,785 **10 Sep/sep 1998** US
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • REFRIGERANT HOSE

• TUYAU POUR FLUIDE FRIGORIGENE

(71) **AEROQUIP CORPORATION** [US/US]; 3000 Strayer Road, Maumee, OH 43537 (US).

(72) **CAMPBELL, Scott, P.**; 5837 Woodrow Drive, Sylvania, OH 43560 (US).

(74) **PORCELLO, James, F., Jr.** et al. / etc.; Emch, Schaffer, Schaub & Porcello Co., P.O. Box 916, Toledo, OH 43697 (US).

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

(51)⁷ **F16L 13/14**

(11) **WO 00/15995** (13) A1

(21) PCT/EP99/06444

(22) **2 Sep/sep 1999 (02.09.1999)**

(25) de (26) de

(30) 198 41 800.0 **12 Sep/sep 1998** DE
(12.09.1998)

(30) 198 59 413.5 **22 Dec/déc 1998** DE
(22.12.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • FITTING FOR A FLUID-CARRYING PIPE

• RACCORD DESTINE A UN TUYAU PERMETTANT D'ACHEMINER UN LIQUIDE

(71) **HEWING GMBH** [DE/DE]; Waldstrasse 3, D-48607 Ochtrup (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRÄGELMANN, Peter** [DE/DE]; Lilienthal Strasse 5b, D-48607 Ochtrup (DE). **KÖHLER, Guido** [DE/DE]; Werner-von-Siemens-Strasse 3, D-48607

Ochtrup (DE). **RIESELMANN, Franz-Josef** [DE/DE]; Lerchenstrasse 6, D-49393 Lohne (DE).

(74) **HILLERINGMANN, Jochen** et al. / etc.; Bahnhofsvorplatz 1, (Deichmannhaus), D-50667 Köln (DE).

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

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(51)⁷ **F16L 25/00, H01R 4/64**

(11) **WO 00/15996** (13) A1

(21) PCT/EP99/06748

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) de (26) de

(30) 298 16 332.2 **15 Sep/sep 1998** DE
(15.09.1998)

(30) 99109808.8 **19 May/mai 1999** EP
(19.05.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ELECTRICALLY CONDUCTIVE PIPE CLIP OR CABLE CLIP

• COLLIER DE TUBE OU DE CABLE ELECTROCONDUCTEUR

(71) **KARIN DAUME MASCHINENTEILE GMBH & CO. KG** [DE/DE]; Engenser Weg 1, D-30938 Burgwedel (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DAUME, Britta** [DE/DE]; Engenser Weg 1, D-30938 Burgwedel (DE).

(74) **LEINE, Sigurd**; Leine & Wagner, Burckhardtstrasse 1, D-30163 Hannover (DE).

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

(51)⁷ **F16L 33/22**

(11) **WO 00/15997** (13) A1

(21) PCT/FR99/02208

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) fr (26) fr

(30) 98/11539 **16 Sep/sep 1998** FR
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • CLAMPING DEVICE FOR SEALED CONNECTION OF A DEFORMABLE TUBE SHRUNK ON A RIGID TUBE

• DISPOSITIF DE SERRAGE POUR LE RACCORDEMENT ETANCHE D'UN TUBE DEFORMABLE EMMANCHE SUR UN TUBE RIGIDE

(71, 72) **CALMETTES, Lionel** [FR/FR]; 4, rue des Palombes, F-11430 Gruissan (FR).

(74) **LAGET, Jean-Loup**; Cabinet Loyer, 78, avenue Raymond Poincaré, F-75116 Paris (FR).

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

(51)⁷ **F16L 37/20**

(11) **WO 00/15998** (13) A1

(21) PCT/DE99/02489

(22) **9 Aug/août 1999 (09.08.1999)**

(25) de (26) de

(30) 198 41 571.0 **11 Sep/sep 1998** DE
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • DEVICE FOR CONNECTING CONDUIT ELEMENTS

• DISPOSITIF POUR L'ASSEMBLAGE D'ELEMENTS D'UNE CONDUITE TUBULAIRE

(71) **GOSSLER FLUIDTEC GMBH** [DE/DE]; Borsigstrasse 4-6, D-21465 Reinbek (DE).
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(72, 75) **WEICHEL, Rainer** [DE/DE]; Heysesstrasse 11, D-21029 Hamburg (DE).

(74) **KLICKOW, Hans-Henning** et al. / etc.; Jessenstrasse 4, D-22767 Hamburg (DE).

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

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(51)⁶ **F16L 37/50**

(11) **WO 00/15999** (13) A1

(21) PCT/US99/07022

(22) **7 May/mai 1999 (07.05.1999)**

(25) en (26) en

(30) 09/150,599 **10 Sep/sep 1998** US
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • SWIVEL CONNECTOR

• RACCORD PIVOTANT

(71) **SNAP-TITE TECHNOLOGIES, INC.** [US/US]; 103 Springer Building, 3411 Silverside Road, Wilmington, DE 19810 (US).

(72) **HARCOURT, Robert**; 1324 Shore Drive, Erie, PA 16505 (US). **DAWSON, Tom**; 16389 Squire Drive, Union City, PA 16438 (US).

(74) **MITCHELL, Kenneth, L.** et al. / etc.; Woodling, Krost & Rust, Suite 1520, 1801 East Ninth Street, Cleveland, OH 44114 (US).

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

(51)⁷ **F16L 41/00, 43/00**

(11) **WO 00/16000** (13) A1

(21) PCT/FR99/02153

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) fr (26) fr

(30) 98/11451 **10 Sep/sep 1998** FR
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● SEALING CONNECTOR WITH VARIABLE GEOMETRY

● RACCORD ETANCHE A GEOMETRIE VARIABLE

(71) **M.D.C. SARL** [FR/FR]; Le Pont, F-73460 Frontenex (FR).

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(72, 75) **MORIS, Claude** [FR/FR]; 46, avenue Félix Chautemps, F-73200 Albertville (FR). **MORIS, Damien** [FR/FR]; 46, avenue Félix Chautemps, F-73200 Albertville (FR). **MORIS, Christophe** [FR/FR]; 46, avenue Félix Chautemps, F-73200 Albertville (FR).

(74) **GARIN, Etienne**; Roosevelt Consultants, 109, rue Sully, Boîte postale 6138, F-69466 Lyon Cedex 06 (FR).

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

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(51)⁷ **F16L 55/165**

(11) **WO 00/16001** (13) A1

(21) PCT/EP99/06554

(22) **7 Sep/sep 1999 (07.09.1999)**

(25) de (26) de

(30) 09/152,025 **11 Sep/sep 1998** US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● METHOD AND DEVICE FOR LINING A CONDUIT OR A DUCT

● PROCEDE ET DISPOSITIF DE REVETEMENT D'UNE CONDUITE OU D'UN CANAL

(71) **KARL WEISS HOCH-, TIEF- UND ROHRLEITUNGSBAU GMBH & CO.** [DE/DE]; Hegauer Weg 25, D-14163 Berlin (DE).

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(72, 75) **SCHWERT, Siegfried** [DE/DE]; Nieritzweg 11, D-14165 Berlin (DE).

ROBOLD, Wolf [DE/DE]; Görschstrasse 21, D-13187 Berlin (DE). **FISCHER, Uwe** [DE/DE]; Vincent-van-Gogh-Strasse 12, D-13057 Berlin (DE).

(74) **PFENNING MEINIG & PARTNER GBR**; Kurfürstendamm 170, D-10707 Berlin (DE).

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

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(51)⁷ **F16L 55/48**

(11) **WO 00/16002** (13) A1

(21) PCT/GB99/02871

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 9819936.7 **15 Sep/sep 1998** GB
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● APPARATUS AND METHOD FOR TRACKING A PIPELINE PIG

● DISPOSITIF ET PROCEDE SERVANT A SUIVRE LA TRACE D'UN FURET DE CANALISATION

(71) **COPIPE SYSTEMS LIMITED** [GB/GB]; Badentoy Avenue, Portlethan, Aberdeen AB12 4YB (GB).

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(72, 75) **YATES, Anthony** [GB/GB]; 25 Kiethhall Road, Inverurie, Aberdeen AB51 3UA (GB). **GRAVES, Leslie, John** [GB/GB]; Dunreggan, Slug Road, Stonehaven, Aberdeen AB39 2DU (GB).

(74) **KENNEDY & CO.**; Queens House, 4th floor, 29 St Vincent Place, Glasgow G1 2DT (GB).

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

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(51)⁷ **F17D 1/04**

(11) **WO 00/16003** (13) A1

(21) PCT/FR99/02192

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) fr (26) fr

(30) 98/11479 **15 Sep/sep 1998** FR
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● DEVICE FOR MINIMISING PRESSURE DROP IN A COMPRESSED AIR CIRCUIT

● DISPOSITIF DE MINIMISATION DE PERTE DE CHARGE DANS UN CIRCUIT D'AIR COMPRIME

(71, 72) **LORIEUL, Jean-Jacques** [FR/FR]; Route de Cloyes, F-41160 Brévainville Cedex 986 (FR).

(74) **DEBAY, Yves**; Cabinet Debay, 122, Elysée 2, F-78170 La Celle Saint Cloud (FR).

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

(51)⁷ **F21S 10/02, F21W 121/00**

(11) **WO 00/16004** (13) A1

(21) PCT/DE99/02918

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) de (26) de

(30) 298 16 567.8 **15 Sep/sep 1998** DE
(15.09.1998)

(30) 198 42 253.9 **15 Sep/sep 1998** DE
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● LAMP WITH COLOUR EFFECT

● LAMPE A EFFETS CHROMATIQUES

(71, 72) **SCHLEIFER, Wolf-Dieter** [DE/DE]; Dianastrasse 1, D-85540 Haar (DE).

(74) **SCHWEIZER, Joachim**; Dieselstrasse 1, D-80993 München (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 LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ F21V 1/16, F21S 10/00

(11) WO 00/16005 (13) A1

(21) PCT/EP99/06828

(22) 15 Sep/sep 1999 (15.09.1999)

(25) de (26) de

(30) 298 16 562.7 15 Sep/sep 1998 DE
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● LIGHTING DEVICE
● DISPOSITIF D'ECLAIRAGE(71) LICHT-TECHNIK VERTRIEBS GMBH [DE/DE]; Osterwaldstrasse 9-10, D-80805 München (DE).
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(72, 75) HAGENBACH, Uwe [DE/DE]; Eichenweg 9, D-85452 Eichenried (DE). GRILL, Bernhard [DE/DE]; Jägerstrasse 10, D-82402 Seeshaupt (DE). AMLING, Manfred [DE/DE]; Austrasse 17, D-94140 Ering (DE).

(74) POPP, Eugen et al. / etc.; Meissner, Bolte & Partner, Postfach 86 06 24, D-81633 München (DE).

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

(51)⁷ F21V 8/00

(11) WO 00/16006 (13) A1

(21) PCT/US99/20710

(22) 9 Sep/sep 1999 (09.09.1999)

(25) en (26) en

(30) 09/151,089 10 Sep/sep 1998 US
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● ILLUMINATION SYSTEM USING EDGE-ILLUMINATED HOLLOW WAVEGUIDE AND LENTICULAR OPTICAL STRUCTURES
● SYSTEME D'ECLAIRAGE UTILISANT UN GUIDE D'ONDES CREUX ECLAIRE PAR LES BORDS ET DES STRUCTURES OPTIQUES LENTICULAIRES

(71) ALLIEDSIGNAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

(72) ZOU, Han; 11 School Drive, Windsor, NJ 08561 (US). BEESON, Karl, W.; 269 Christopher Drive, West Seneca, NY 14224 (US).

(74) CRISS, Roger, H. et al. / etc.; AlliedSignal Inc., Law Dept. (A. Olinger), 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

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

(51)⁷ F21V 8/00

(11) WO 00/16007 (13) A1

(21) PCT/US99/20795

(22) 10 Sep/sep 1999 (10.09.1999)

(25) en (26) en

(30) 09/151,631 11 Sep/sep 1998 US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● ILLUMINATION SYSTEM HAVING EDGE-ILLUMINATED WAVEGUIDE AND SEPARATE COMPONENTS FOR EXTRACTING AND DIRECTING LIGHT

● SYSTEME D'ECLAIRAGE POURVU D'UN GUIDE D'ONDES A ECLAIRAGE PAR LE BORD ET DE COMPOSANTS SEPARES SERVANT A L'EXTRACTION ET A L'ORIENTATION DE LA LUMIERE

(71) ALLIEDSIGNAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

(72) ZOU, Han; 11 School Drive, Windsor, NJ 08561 (US). BEESON, Karl, W.; 269 Christopher Drive, Princeton, NJ 08540 (US). STEINER, Ivan, B.; 456 Berkshire Road, Ridgewood, NJ 07450 (US). ZIMMERMAN, Scott, M.; 41 Carlisle Road, Basking Ridge, NJ 07920 (US). LIN, Hefen; 10705 Minette Drive, Cupertino, CA 95014 (US).

(74) CRISS, Roger, H. et al. / etc.; AlliedSignal Inc., Law Dept., Attn: A. Olinger, 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

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

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(51)⁷ F21V 11/06

(11) WO 00/16008 (13) A1

(21) PCT/GB99/02857

(22) 14 Sep/sep 1999 (14.09.1999)

(25) en (26) en

(30) 9819937.5 15 Sep/sep 1998 GB
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● LIGHT CONTROLLER FOR A LIGHT FITTING
● ATTENUATEUR DE LUMIERE POUR APPAREIL D'ECLAIRAGE(71) INTERLUX LIMITED [GB/GB]; 206 Oldbury Road, West Bromwich, West Midlands B70 9DE (GB).
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(72, 75) SHOTTON, William, Mansell [GB/GB]; Interlux Limited, 206 Oldbury Road, West Bromwich, West Midlands B70 9DE (GB). SHAKES, Andrew [GB/GB]; Interlux Limited, 206 Oldbury Road, West Bromwich, West Midlands B70 9DE (GB).

(74) RAYNOR, Simon, Mark; Urquhart-Dykes & Lord, Midsummer House, 411C Midsummer Boulevard, Cental Milton Keynes MK9 3BN (GB).

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

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(51)⁶ F23G 5/00, F23J 1/08

(11) WO 00/16009 (13) A1

(21) PCT/JP99/03924

(22) 22 Jul/juil 1999 (22.07.1999)

(25) ja (26) ja

(30) 10/257890 11 Sep/sep 1998 JP
(11.09.1998)(30) 10/279903 1 Oct/oct 1998 JP
(01.10.1998)(30) 10/360107 18 Dec/déc 1998 JP
(18.12.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● METHOD AND DEVICE FOR MELT-TREATING INCINERATION RESIDUE CONTAINING SALTS

● PROCEDE ET DISPOSITIF SERVANT A EFFECTUER LE TRAITEMENT PAR FUSION DE RESIDUS D'INCINERATION CONTENANT DES SELS

(71) NKK CORPORATION [JP/JP]; 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
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(72, 75) NAKAHARA, Keisuke [JP/JP]; NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). MATSUI, Satoshi [JP/JP]; NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). SHINAGAWA, Takuya [JP/JP]; NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(74) TAKANO, Shigeru; Intellectual Property Dept., NKK Corporation, 1-1, Minamiwatarida-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0855 (JP).

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

(51)⁷ **F23N 5/00, 5/08, F23M 11/04**

(11) **WO 00/16010** (13) A1

(21) PCT/DE99/02839

(22) **8 Sep/sep 1999 (08.09.1999)**

(25) de (26) de

(30) 198 41 877.9 **11 Sep/sep 1998 (11.09.1998)** DE

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD AND DEVICE FOR DETERMINING THE SOOT CHARGE IN A COMBUSTION CHAMBER

• PROCEDE ET DISPOSITIF POUR DETERMINER LA CHARGE EN SUIE D'UNE CHAMBRE DE COMBUSTION

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).

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(72, 75) **FASTNACHT, Felix** [DE/DE]; Forchheimer Strasse 11, D-91056 Erlangen (DE). **MERKLEIN, Thomas** [DE/DE]; Höllwiesenweg 9, D-91056 Erlangen (DE).

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

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

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(51)⁷ **F24D 3/08**

(11) **WO 00/16011** (13) A1

(21) PCT/DE99/02909

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) de (26) de

(30) 198 42 613.5 **17 Sep/sep 1998 (17.09.1998)** DE

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • LOW-VOLUME CONTINUOUS-FLOW DEVICE FOR HEATING DRINKING WATER

• APPAREIL A FONCTIONNEMENT EN CONTINU A FAIBLE VOLUME POUR LE RECHAUFFAGE D'EAU POTABLE

(71) **VISSMANN WERKE GMBH & CO** [DE/DE]; Viessmannstrasse, D-35108 Alendorf (DE).

(72) **FEUCHT, Friedrich**; Weinbergweg 56, D-73630 Remshalden (DE). **WEBER, Helmut**; Kurhessenstrasse 17, D-35216 Biedenkopf (DE). **FINNEMANN, Johann**; Zum Sürendahl 12, D-59964 Medebach (DE).

(74) **WOLF, Günter**; An der Mainbrücke 16, D-63456 Hanau (DE).

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

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(51)⁶ **F24F 1/02**

(11) **WO 00/16012** (13) A1

(21) PCT/BR98/00072

(22) **16 Sep/sep 1998 (16.09.1998)**

(25) en (26) en

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • AIR EXHAUST ACTUATOR FOR AN AIR CONDITIONER

• COMMANDE D'EVACUATION D'AIR POUR UN CONDITIONNEUR D'AIR

(71) **SPRINGER CARRIER S.A.** [BR/BR]; Rua Berto Cirio, 521, São Luiz, CEP-92420-030 Canoas, RS (BR). (only for / seulement pour BR)

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

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(72, 75) **DA LUZ MORAES, Luciano** [BR/BR]; Apartamento 304, Avenida Inconfidência, 670, CEP-92020-320 Canoas, RS (BR).

(74) **MOMSEN, LEONARDOS & CIA.**; Rua Teófilo Ottoni, 63 - 10° andar, CEP-20090-080 Rio de Janeiro, RJ (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 GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁶ **F24F 1/02**

(11) **WO 00/16013** (13) A1

(21) PCT/BR98/00074

(22) **16 Sep/sep 1998 (16.09.1998)**

(25) en (26) en

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • WINDOW ROOM AIR CONDITIONER
• CONDITIONNEUR D'AIR POUR FENETRE DE PIECE

(71) **SPRINGER CARRIER S.A.** [BR/BR]; Rua Berto Cirio, 521, São Luiz, CEP-92420-030 Canoas, RS (BR). (only for / seulement pour BR)

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

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(72, 75) **DA LUZ MORAES, Luciano** [BR/BR]; Apt. 304, Av. Inconfidência, 670, CEP-92020-320 Canoas, RS (BR). **CARNE CORREA, Juan, Carlos** [CL/BR]; Apt. 1605, Av. João Pessoa, 1784, CEP-90040-001 Porto Alegre, RS (BR).

DE BARROS, Daniel, Alessandro, Oliveira [BR/BR]; Apt. 304, Av. Pedro Adams Filho, 4007, CEP-93320-005 Novo Hamburgo, RS (BR).

(74) **MOMSEN, LEONARDOS & CIA.**; Rua Teófilo Ottoni, 63 - 10° andar, CEP-20090-080 Rio de Janeiro, RJ (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 GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁶ **F24F 1/02, 13/22**

(11) **WO 00/16014** (13) A1

(21) PCT/BR98/00076

(22) **16 Sep/sep 1998 (16.09.1998)**

(25) en (26) en

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • CONDENSATE DRAIN OUTLET FOR AN AIR CONDITIONER

• SORTIE DE PURGE DE CONDENSATS POUR CONDITIONNEUR D'AIR

(71) **SPRINGER CARRIER S.A.** [BR/BR]; Rua Berto Cirio, 521, São Luiz, CEP-92420-030 Canoas, RS (BR). (only for / seulement pour BR)

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

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(72, 75) **DA LUZ MORAES, Luciano** [BR/BR]; Apt. 304, Av. Inconfidência, 670, CEP-92020-320 Canoas, RS (BR). **OLIVEIRA DE BARROS, Daniel, Alessandro** [BR/BR]; Apt. 304, Av. Pedro Adams Filho, 4007, CEP-93320-005 Novo Hamburgo, RS (BR).

(74) **MOMSEN, LEONARDOS & CIA.**; Rua Teófilo Ottoni, 63 - 10° andar, CEP-20090-080 Rio de Janeiro, RJ (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 GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁶ **F24F 1/02**

(11) **WO 00/16015** (13) A1

(21) PCT/KR98/00289

- (22) 23 Sep/sep 1998 (23.09.1998)
(25) en (26) en
- (30) 1998/37875 12 Sep/sep 1998 KR
(12.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● SINGLE UNIT-TYPE AIR CONDITIONER CAPABLE OF COOLING REFRIGERANT BY WATER AND AIR IN INDOOR UNIT
● CONDITIONNEUR D'AIR DU TYPE MONOBLOC CAPABLE DE REFROIDIR UN FRIGORIGENE PAR EAU ET PAR AIR DANS UNE UNITE SITUEE A L'INTERIEUR DES LOCAUX
- (71, 72) JEONG, Pil, Ha [KR/KR]; 159-1 Chung-dong, Susung-gu, Taegu 706-050 (KR).
- (74) CHO, Jeong, Hwan; 1251 Bisan-7dong, Seo-gu, Taegu 703-047 (KR).
- (81) AU BR CN DE JP US.
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- (51)⁶ F24F 3/14
(11) WO 00/16016 (13) A1
(21) PCT/JP99/05040
(22) 16 Sep/sep 1999 (16.09.1999)
(25) ja (26) ja
(30) 10/280529 16 Sep/sep 1998 JP
(16.09.1998)
(30) 10/297623 5 Oct/oct 1998 JP
(05.10.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
(54) ● DEHUMIDIFYING AIR CONDITIONER AND DEHUMIDIFYING AIR CONDITIONING SYSTEM
● CLIMATISEUR DESHUMIDIFIANT ET SYSTEME DE CLIMATISATION DESHUMIDIFIANT
(71) EBARA CORPORATION [JP/JP]; 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) MAEDA, Kensaku [JP/JP]; Ebara Research Co., Ltd., 2-1, Honfujisawa 4-chome, Fujisawa-shi, Kanagawa 251-8502 (JP).
(74) WATANABE, Isamu et al. / etc.; Gowa Nishi-Shinjuku 4F, 5-8, Nishi-Shinjuku 7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).
(81) AU CN SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ F24F 3/16
(11) WO 00/16017 (13) A1
(21) PCT/EP99/06418
(22) 1 Sep/sep 1999 (01.09.1999)
(25) de (26) de
(30) 198 42 179.6 15 Sep/sep 1998 DE
(15.09.1998)
- (30) 198 56 496.1 8 Dec/déc 1998 DE
(08.12.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● METHOD AND DEVICE FOR PROTECTING PERSONS AND/OR PRODUCTS FROM AIR-BORNE PARTICLES
● PROCEDE ET DISPOSITIF PERMETTANT DE PROTEGER LES PERSONNES ET/OU PRODUITS DE PARTICULES EN SUSPENSION DANS L'AIR
(71) AXIVA GMBH [DE/DE]; D-65926 Frankfurt am Main (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) FORBERT, Rainald [DE/DE]; Harzweg 1, D-65439 Flörsheim (DE). GAIL, Lothar [DE/DE]; Humboldtstrasse 32, D-65189 Wiesbaden (DE). EIGENHERR, Ekkehard [DE/DE]; Neue Heimat 24, D-65779 Kelkheim (DE).
(81) BG BR BY CA CN CZ HU IN JP KR MX NO NZ PL RO RU SG SI SK TR UA US YU; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ F24F 3/16, F15D 1/02
(11) WO 00/16018 (13) A1
(21) PCT/EP99/06792
(22) 15 Sep/sep 1999 (15.09.1999)
(25) de (26) de
(30) 198 42 068.4 15 Sep/sep 1998 DE
(15.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
(54) ● METHOD AND DEVICE FOR TRANSPORTING GASES, ESPECIALLY AIR
● PROCEDE ET DISPOSITIF POUR TRANSPORTER DES GAZ, NOTAMMENT DE L'AIR
(71) BRAND-GERHART, Rosemarie [DE/DE]; Kirchenweg 15, D-63840 Hausen (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) RUMP, Hanns [DE/DE]; Kirchenweg 15, D-63840 Hausen (DE).
(74) MIERSWA, Klaus; Friedrichstrasse 171, D-68199 Mannheim (DE).
(81) AU BG BR CA CN CZ DE EE HU ID IL IN IS JP KR LT LV MX NO NZ PL RO RU SG SI SK TR UA US ZA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)⁶ F24F 7/08, 11/02, 11/04
(11) WO 00/16019 (13) A1
(21) PCT/JP99/04997
(22) 13 Sep/sep 1999 (13.09.1999)
(25) ja (26) ja
- (30) 10/260311 14 Sep/sep 1998 JP
(14.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● VENTILATING SYSTEM
● SYSTEME DE VENTILATION
(71) DAIKIN INDUSTRIES, LTD. [JP/JP]; Umeda Center Building, 4-12, Nakazakinishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-0015 (JP).
(72) TAKAHASHI, Takashi; Kanaoka-kojo, Sakai-seisakusho of Daikin Industries, Ltd., 1304, Kanaoka-cho, Sakai-shi, Osaka 591-8022 (JP).
(74) KAMEI, Hirokatsu; AI Association of Patent and Trademark Attorneys, 12F, Jyutakukinyukoko-Sumitomoseimei Building, 5-20, Minamihommachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0054 (JP).
(81) AU CN SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁶ F24F 13/065, 1/02, B60H 1/34
(11) WO 00/16020 (13) A1
(21) PCT/BR98/00071
(22) 16 Sep/sep 1998 (16.09.1998)
(25) en (26) en
(43) 23 Mar/mar 2000 (23.03.2000)
(54) ● AIR CONDITIONER AIR DIRECTING APPARATUS
● APPAREIL PERMETTANT D'ORIENTER L'AIR SORTANT D'UN CONDITIONNEUR D'AIR
(71) CARRIER CORPORATION [US/US]; Carrier Parkway, P.O. box 4800, Syracuse, NY 13221 (US).
(for all designated States except / pour tous les États désignés sauf BR US)
(71) SPRINGER CARRIER S.A. [BR/BR]; Rua Berto Cirio, 521, São Luiz, CEP-92420-030 Canoas, RS (BR).
(only for / seulement pour BR)
(72, 75) DE BARROS, Daniel, Alessandro, Oliveira [BR/BR]; Avenida Pedro Adams Filho, 4007, Apartamento 304, CEP-93320-005 Novo Hamburgo, RS (BR). RAMOS, Paulo, Augusto, Lisboa [BR/BR]; Rua Rio Grande, 2255 Q.3 BL. A 311, CEP-93265-001 Esteio, RS (BR). TRES, Andrei [BR/BR]; Apartamento 502, Rua Caramuru, 24, CEP-92010-160 Canoas, RS (BR).
(74) MOMSEN, LEONARDOS & CIA.; Rua Teófilo Ottoni, 63, 10º andar, Centro, CEP-20090-080 Rio de Janeiro, RJ (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 GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

- (51)⁶ **F24F 13/22**
- (11) **WO 00/16021** (13) A1
- (21) PCT/BR98/00077
- (22) **16 Sep/sep 1998 (16.09.1998)**
- (25) en (26) en
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • CONDENSATE DEFLECTOR FOR AN AIR CONDITIONER
• DEFLECTEUR DE CONDENSAT POUR CONDITIONNEUR D'AIR
- (71) **CARRIER CORPORATION** [US/US]; Carrier Parkway, P.O. Box 4800, Syracuse, NY 13221 (US).
(for all designated States except / pour tous les États désignés sauf BR US)
- (71) **SPRINGER CARRIER S.A.** [BR/BR]; Rua Berto Cirio, 521, São Luiz, CEP-92420-030 Canoas, RS (BR).
(only for / seulement pour BR)
- (72, 75) **LISBOA RAMOS, Paulo, Augusto** [BR/BR]; Rua Rio Grande, 2255, Quadra 3, Bloco A 311, CEP-93265-001 Esteio, RS (BR). **FAGUNDES DE SOUZA, Gilberto** [BR/BR]; Rua Demetrio Ribeiro, 365, Apt. 06, CEP-90010-312 Porto Alegre, RS (BR).
- (74) **MOMSEN, LEONARDOS & CIA.;** Rua Teófilo Otoni, 63-10º andar, CEP-20090-080 Rio de Janeiro, RJ (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 GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **F24F 13/30, 1/02, F25B 39/04**
- (11) **WO 00/16022** (13) A1
- (21) PCT/KR98/00290
- (22) **23 Sep/sep 1998 (23.09.1998)**
- (25) en (26) en
- (30) 1998/37876 **12 Sep/sep 1998 (12.09.1998)** KR
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • CONDENSER COOLING STRUCTURE FOR SINGLE UNIT-TYPE AIR CONDITIONERS
• STRUCTURE DE REFROIDISSEMENT DE CONDENSEUR POUR CONDITIONNEURS D'AIR DU TYPE MONOBLOC
- (71, 72) **JEONG, Pil, Ha** [KR/KR]; 159-1 Chung-dong, Susung-gu, Taegu 706-050 (KR).
- (74) **CHO, Jeong, Hwan;** 1251 Bisan 7-dong, Seo-gu, Taegu 703-047 (KR).
- (81) AU BR CN DE JP US.
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- (51)⁷ **F24J 2/46, E03B 7/10**
- (11) **WO 00/16023** (13) A1
- (21) PCT/CA99/00824
- (22) **14 Sep/sep 1999 (14.09.1999)**
- (25) en (26) en
- (30) 09/152,197 **14 Sep/sep 1998 (14.09.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • FREEZE PROTECTION APPARATUS FOR FLUID TRANSPORT PASSAGES
• APPAREIL DE PROTECTION CONTRE LE GEL DANS DES CONDUITS D'ACHEMINEMENT DE FLUIDE
- (71) **ARISE TECHNOLOGIES CORPORATION** [CA/CA]; Unit 4, 156 Columbia Street West, Waterloo, Ontario N2L 3L3 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OBERHOLZER, Johannes-Ulrich** [CA/CA]; 600 York Street, Kitchener, Ontario N2G 1T8 (CA). **ELZINGA, David** [CA/CA]; 417 Old Brock Road, Greensville, Ontario L9H 5J1 (CA). **MacLELLAN, Ian** [CA/CA]; 151 John Street, Waterloo, Ontario N2L 1C4 (CA). **MATHER, David, W.** [CA/CA]; 507-108 Seagram Drive, Waterloo, Ontario N2L 3B9 (CA).
- (74) **FORS, Arne, I.;** Gowling Strathy & Henderson, 50 Queen Street North, Kitchener, Ontario N2H 6M2 (CA).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **F25B 7/00, 25/02, 39/04, 1/08**
- (11) **WO 00/16024** (13) A1
- (21) PCT/DE99/02796
- (22) **31 Aug/août 1999 (31.08.1999)**
- (25) de (26) de
- (30) 198 41 548.6 **11 Sep/sep 1998 (11.09.1998)** DE
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD FOR OPERATING A REFRIGERATING SYSTEM
• PROCÉDE POUR FAIRE FONCTIONNER UNE INSTALLATION FRIGORIFIQUE
- (71) **INTEGRAL ENERGIETECHNIK GMBH** [DE/DE]; Lise-Meitner-Strasse 2, D-24937 Flensburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PAUL, Joachim** [DE/DE]; Sauermannstrasse 52, D-24937 Flensburg (DE).
- (74) **BIEHL, Christian;** Boehmert & Boehmert, Niemannsweg 133, D-24105 Kiel (DE).
- (81) AU BR CA CN JP KR MX NZ US ZA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)⁷ **F25B 45/00, F04B 9/14**
- (11) **WO 00/16025** (13) A1
- (21) PCT/US99/20368
- (22) **7 Sep/sep 1999 (07.09.1999)**
- (25) en (26) en
- (30) 09/150,974 **10 Sep/sep 1998 (10.09.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • INJECTOR, METHODS FOR USING INJECTOR, AND KIT
• INJECTEUR, MODE D'EMPLOI ET NECESSAIRE A CET EFFET
- (71) **CENTURY MFG. CO.** [US/US]; 9231 Penn Avenue South, Bloomington, MN 55431 (US).
- (72) **CHANDLER, Thomas, D.;** 11270 Quinn Street NW, Coon Rapids, MN 55433 (US). **DEA, William, S.;** 10720 Louisiana Circle, Bloomington, MN 55438 (US). **REID, Brandon, M.;** 2609 Fremont Avenue South, Minneapolis, MN 55408 (US).
- (74) **BRUESS, Steven, C.;** Merchant & Gould P.C., 3100 Norwest Center, 90 South Seventh Street, Minneapolis, MN 55402-4131 (US).
- (81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **F25C 3/04**
- (11) **WO 00/16026** (13) A1
- (21) PCT/EP99/06421
- (22) **31 Aug/août 1999 (31.08.1999)**

- (25) fr (26) fr
- (30) 98/11462 **11 Sep/sep 1998** FR
(11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • SNOWMAKER
• CANON A NEIGE
- (71) **DICC REALISATIONS S.A.** [CH/CH]; Rue de l'Ale, 25, CH-1003 Lausanne (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SEURET, Olivier** [CH/CH]; En Plattiez, CH-1670 Ursy (CH).
- (74) **PONCET, Jean-François**; Cabinet Poncet, 7, chemin de Tillier, Boîte postale 317, F-74008 Annecy Cedex (FR).
- (81) CA CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁶ **F25D 3/06**
- (11) **WO 00/16027** (13) A1
- (21) PCT/DE98/02724
- (22) **14 Sep/sep 1998 (14.09.1998)**
- (25) de (26) de
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • COLD TRANSPORTATION METHOD
• PROCEDE DE TRANSPORT FRIGORIFIQUE
- (71) **INTEGRAL ENERGIE/TECHNIK GMBH** [DE/DE]; Lise-Meitner-Strasse 2, D-24941 Flensburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PAUL, Joachim** [DE/DE]; Sauermanns-trasse 52, D-24937 Flensburg (DE).
- (74) **BIEHL, Christian**; Boehmert & Boehmert, Niemansweg 133, D-24105 Kiel (DE).
- (81) BR CA CN CU GH IL JP KR MX TR US VN; AP (GH GM KE LS MW SD SZ UG ZW); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **F26B 17/04, 15/18, 21/02**
- (11) **WO 00/16028** (13) A1
- (21) PCT/US99/20520
- (22) **7 Sep/sep 1999 (07.09.1999)**
- (25) en (26) en
- (30) 09/151,711 **11 Sep/sep 1998** US
(11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • DRYING APPARATUS FOR COATED OBJECTS
• APPAREIL DE SECHAGE DE PRODUITS ENROBES
- (71) **SUNKIST GROWERS, INC.** [US/US]; 760 East Sunkist Street, Ontario, CA 91761 (US).
- (72) **MULLIGAN, David, J.**; 2015 North San Gorgonio Road, Palm Springs, CA 92262 (US). **ORMAN, Charles, R.**; 815 Balboa Court, Redlands, CA 92373 (US).
- (74) **BRUEGGEMANN, James, R.**; Sheppard Mullin Richter & Hampton LLP, 48th floor, 333 South Hope Street, Los Angeles, CA 90071 (US).
- (81) AU BR CN ES IL JP KR MX ZA.
- Published / Publiée : (c)
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- (51)⁶ **F28F 3/08, 3/04**
- (11) **WO 00/16029** (13) A1
- (21) PCT/JP98/04155
- (22) **16 Sep/sep 1998 (16.09.1998)**
- (25) ja (26) ja
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • HEAT EXCHANGER AND REFRIGERATING AIR-CONDITIONING SYSTEM
• ECHANGEUR DE CHALEUR ET SYSTEME DE CONDITIONNEMENT D'AIR REFRIGERANT
- (71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MATSUSHIMA, Hitoshi** [JP/JP]; Mechanical Engineering Research Laboratory, Hitachi, Ltd., 502, Kandatsumachi, Tsuchiura-shi, Ibaraki 300-0013 (JP). **UCHIDA, Mari** [JP/JP]; Mechanical Engineering Research Laboratory, Hitachi, Ltd., 502, Kandatsumachi, Tsuchiura-shi, Ibaraki 300-0013 (JP). **KUBOTA, Atushi** [JP/JP]; Mechanical Engineering Research Laboratory, Hitachi, Ltd., 502, Kandatsumachi, Tsuchiura-shi, Ibaraki 300-0013 (JP). **AOYAMA, Mitsugu** [JP/JP]; Airconditioning & Refrigeration Systems Division, Hitachi, Ltd., 390, Muramatsu, Shimizu-shi, Shizuoka 424-0926 (JP).
- (74) **OGAWA, Katsuo**; Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220 (JP).
- (81) CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **F41A**
- (11) **WO 00/16030** (13) A2
- (21) PCT/US99/18535
- (22) **13 Aug/août 1999 (13.08.1999)**
- (25) en (26) en
- (30) 09/152,547 **14 Sep/sep 1998** US
(14.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • FIREARM WITH SAFETY SYSTEM HAVING A COMMUNICATIONS PACKAGE
- ARME A FEU A SYSTEME DE SECURITE DOTE D'UN EQUIPEMENT DE TELECOMMUNICATION
- (71) **COLT'S MANUFACTURING COMPANY, INC.** [US/US]; 545 New Park Avenue, West Hartford, CT 06110 (US).
- (72) **KAMINSKI, Kevin, A.**; 18 Beechwood Road, Plainville, CT 06062 (US).
- (74) **GREEN, Clarence, A.**; Perman & Green, LLP, 425 Post Road, Fairfield, CT 06430 (US).
- (81) AT CA CH DE; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁶ **F41A 21/40**
- (11) **WO 00/16031** (13) A1
- (21) PCT/US99/20919
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 09/152,227 **11 Sep/sep 1998** US
(11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • SHOTGUN CHOKE
• ETRANGLEMENT DE FUSIL DE CHASSE
- (71) **B.B.A. RESEARCH & DEVELOPMENT, INC.** [US/US]; Route 1, Box 428, Dodson, LA 71422 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ANDROSOV, Denis V.** [RU/US]; 317 Louisiana Street, Winnfield, LA 71483 (US).
- (74) **BROWN, Randall, C.**; Akin, Gump, Strauss, Hauer & Feld, L.L.P., P.O. Box 688, Dallas, TX 75313-0688 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **F42B 8/04**
- (11) **WO 00/16032** (13) A1
- (21) PCT/GB99/02859
- (22) **14 Sep/sep 1999 (14.09.1999)**
- (25) en (26) en
- (30) 9819928.4 **14 Sep/sep 1998** GB
(14.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • BLANK CARTRIDGE FOR SELF LOADING GUNS

- CARTOUCHE A BLANC POUR FUSILS AUTOMATIQUES
- (71) **LAMBETH PROPERTIES LIMITED** [BS/BS]; Charlotte House, Charlotte Street, P.O. Box N-341, Nassau (BS).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SAXBY, Michael, Ernest** [GB/GB]; Summerleas, Peartree Lane, Bexhill-on-Sea, East Sussex TN39 5JN (GB).
- (74) **HUTCHINS, Michael, Richard** et al. / etc.; Fry Heath & Spence, The Old College, 53 High Street, Horley, Surrey RH6 7BN (GB).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **G01B 7/31, 5/25, F16L 1/26**
- (11) **WO 00/16033** (13) A1
- (21) PCT/GB99/02902
- (22) **16 Sep/sep 1999 (16.09.1999)**
- (25) en (26) en
- (30) 9820080.1 **16 Sep/sep 1998 GB (16.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • DETERMINING SPATIAL RELATIONSHIP BETWEEN TWO SURFACES, CLOSING SPOOL METERS
- DETERMINATION DE L'ESPACEMENT ENTRE DEUX SURFACES, DISPOSITIFS DE MESURE DES ELEMENTS D'ESPACEMENT
- (71) **EASTFIELD ENTERPRISES LIMITED** [GB/GB]; 3 Russell Drive, Dalry, Ayrshire KA24 5HJ (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JACKSON, William, George** [GB/GB]; 11 Dunchattan Gardens, Troon, Ayrshire KA10 7AS (GB). **CAMPBELL, Sidney** [GB/GB]; 3 Russel Drive, Dalry, Ayrshire KA24 5HJ (GB).
- (74) **McCALLUM, William, Potter** et al. / etc.; Cruikshank & Fairweather, 19 Royal Exchange Square, Glasgow G1 3AE (GB).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **G01B 9/02**
- (11) **WO 00/16034** (13) A1
- (21) PCT/US99/20670
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 60/100,032 **11 Sep/sep 1998 US (11.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • INTERFEROMETERS FOR OPTICAL COHERENCE DOMAIN REFLECTOMETRY AND OPTICAL COHERENCE TOMOGRAPHY USING NONRECIPROCAL OPTICAL ELEMENTS
- INTERFEROMETRES POUR REFLECTOMETRIE DE DOMAINE DE COHERENCE OPTIQUE ET TOMOGRAPHIE A COHERENCE OPTIQUE UTILISANT DES ELEMENTS OPTIQUES NON RECIPROQUES
- (71, 72) **IZATT, Joseph, A.** [US/US]; 46 Pepper Creek Drive, Pepper Pike, OH 44124 (US). **ROLLINS, Andrew, M.** [US/US]; 684 Northfield Road, Bedford, OH 44146 (US).
- (74) **LEVY, Mark, P.** et al. / etc.; Thompson Hine & Flory LLP, 2000 Courthouse Plaza, N.E., P.O. Box 8801, Dayton, OH 45401-8801 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **G01B 11/00**
- (11) **WO 00/16035** (13) A1
- (21) PCT/JP98/04144
- (22) **16 Sep/sep 1998 (16.09.1998)**
- (25) ja (26) ja
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • OPTICAL POSITION SENSOR
- CAPTEUR OPTIQUE DE POSITION
- (71) **MITSUBISHI DENKI KABUSHIKI KAISHA** [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **FORSCHUNGSZENTRUM KARLSRUHE GMBH** [DE/DE]; Hermann-von-Helmholtz-Platz 1, D-76344 Eggenstein-Leopoldshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NAKAJIMA, Hajime** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **RUTHER, Patrick** [DE/DE]; Forschungszentrum Karlsruhe
- GmbH, Hermann-von-Helmholtz-Platz 1, D-76344 Eggenstein-Leopoldshafen (DE).
- (74) **TAZAWA, Hiroaki** et al. / etc.; 7F, Daito Building, 7-1, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).
- (81) CA JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **G01B 11/06, G01N 21/84**
- (11) **WO 00/16036** (13) A1
- (21) PCT/GB99/03009
- (22) **9 Sep/sep 1999 (09.09.1999)**
- (25) en (26) en
- (30) 9819732.0 **11 Sep/sep 1998 GB (11.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • TOOL CONDITION MONITORING
- SURVEILLANCE DE L'ETAT D'UN OUTIL
- (71) **RENISHAW PLC** [GB/GB]; New Mills, Wotton-under-Edge, Gloucestershire GL12 8JR (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PITT, Gillies, David** [GB/GB]; Glen Sunar, Brockweir Road, Hewelsfield, Lydney, Gloucestershire GL15 6UU (GB). **MÜNZ, Wolf-Dieter** [AT/GB]; 14 Oakdale Road, Sheffield S7 1SL (GB).
- (74) **JACKSON, John, Timothy**; Renishaw PLC, Patent Dept., New Mills, Wotton-under-Edge, Gloucestershire GL12 8JR (GB).
- (81) DE GB JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **G01B 11/16**
- (11) **WO 00/16037** (13) A1
- (21) PCT/EP99/06656
- (22) **9 Sep/sep 1999 (09.09.1999)**
- (25) de (26) de
- (30) 198 41 365.3 **10 Sep/sep 1998 DE (10.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • MEASURING METHOD FOR RECORDING AND EVALUATING PHOTOGRAMS OF MOVING SURFACES
- PROCÉDE DE MESURE POUR ENREGISTRER ET EVALUER DES PHOTOGRAMMES DE SURFACES EN MOUVEMENT
- (71, 72) **RICKLEFS, Ubbo** [DE/DE]; Diana-burgstrasse 12, D-35753 Greifenstein (DE). **STRÖBEL, Bernhard** [DE/DE]; Birkenweg 17d, D-64295 Darmstadt (DE). **GRAF, Stefan** [DE/DE]; Am Strauch 18, D-35418 Busek-Beuern (DE).
- (74) **FLECK, Hermann-Josef**; Klingengasse 2, D-71665 Vaihingen (DE).

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

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(51)⁷ **G01B 11/24, G01N 21/88**

(11) **WO 00/16038** (13) A1

(21) PCT/US99/15011

(22) **1 Jul/juil 1999 (01.07.1999)**

(25) en (26) en

(30) 09/150,770 **10 Sep/sep 1998 US (10.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • APPARATUS FOR SURFACE IMAGE SENSING AND SURFACE INSPECTION OF THREE-DIMENSIONAL STRUCTURES

• APPAREIL DE DETECTION D'IMAGES DE SURFACES ET INSPECTION DE SURFACES DE STRUCTURES TRIDIMENSIONNELLES

(71) **WARNER-LAMBERT COMPANY** [US/US]; 201 Tabor Road, Morris Plains, NJ 07950 (US).

(72) **CRONSHAW, Anthony, James**; 20 Church Street, Stapleford, Cambridge CB2 5DS (GB). **HUMPHRIES, Mark, Robson**; Manor Mead, High Street, Great Chesterford, Saffron Walden, Essex CB10 1PL (GB). **HODGES, Christopher, James**; 59 Cavendish Road, Cambridge CB1 3AE (GB). **FISHER, John, Horace**; 27 Bridge Street, Whaddon, Royston, Herts (GB).

(74) **RYAN, M., Andrea**; Warner-Lambert Company, 201 Tabor Road, Morris Plains, NJ 07950 (US) et al. / etc.

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

(51)⁶ **G01B 11/27, 11/26, G01P 13/04, G01B 11/16**

(11) **WO 00/16039** (13) A1

(21) PCT/US98/19444

(22) **17 Sep/sep 1998 (17.09.1998)**

(25) en (26) en

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • BELT DRIVE ALIGNMENT DETECTION DEVICE AND METHOD

• DISPOSITIF ET PROCEDE DE DETECTION DE L'ALIGNEMENT DES COMPOSANTS D'UNE TRANSMISSION A COURROIE

(71) **THE GOODYEAR TIRE & RUBBER COMPANY** [US/US]; 1144 East Market Street, Akron, OH 44316-0001 (US).

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(72, 75) **GERDES, Brent, James** [US/US]; 7536 South 34th Street, Lincoln, NE 68516 (US).

(74) **KRAWCZYK, Nancy, T.**; The Goodyear Tire & Rubber Company, Dept. 823, 1144 East Market Street, Akron, OH 44316-0001 (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 GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **G01B 11/30, 11/24**

(11) **WO 00/16040** (13) A1

(21) PCT/EP99/06594

(22) **7 Sep/sep 1999 (07.09.1999)**

(25) de (26) de

(30) 198 42 138.9 **14 Sep/sep 1998 DE (14.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • SYSTEM FOR MEASURING THE SURFACE GEOMETRY AND SURFACE EVENNESS OF FLAT PRODUCTS

• SYSTEME DE MESURE DESTINE A LA GEOMETRIE SUPERFICIELLE ET L'UNIFORMITE DE PRODUITS PLATS

(71) **BETRIEBSFORSCHUNGSINSTITUT VDEH INSTITUT FÜR ANGEWANDTE FORSCHUNG GMBH** [DE/DE]; Sohnsstrasse 65, D-40237 Düsseldorf (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MÜLLER, Ulrich** [DE/DE]; Maria-Montessori-Strasse 59, D-40789 Monheim (DE). **SONNENSCHNEIN, Detlef** [DE/DE]; Schlingmannweg 32, D-45149 Essen (DE). **WINTER, Detlef** [DE/DE]; Sandstrasse 8, D-38527 Meine (DE). **PEUKER, Gustav** [DE/DE]; An den Hüren 75, D-41066 Mönchengladbach (DE). **STOCKMEYER, Rudolf** [DE/DE]; Johannesstrasse 8a, D-40764 Langenfeld (DE).

(74) **KÖNIG, Reimar** et al. / etc.; Wilhelm-Tell-Strasse 14, D-40219 Düsseldorf (DE).

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

(51)⁷ **G01C 19/16**

(11) **WO 00/16041** (13) A2

(21) PCT/GB99/03028

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) 9819821.1 **12 Sep/sep 1998 GB (12.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • FORMATION OF SUSPENDED BEAMS USING SOI SUBSTRATES, AND APPLICATION TO THE FABRICATION OF A VIBRATORY GYRO-METER

• FORMATION DE BARREAUX SUSPENDUS AU MOYEN DE SUBSTRATS SOI ET APPLICATION A LA FABRICATION D'UN GYROMETRE VIBRANT

(71) **THE SECRETARY OF STATE FOR DEFENCE** [GB/GB]; Defence Evaluation and Research Agency, Farnborough, Hampshire GU14 0LX (GB).

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(72, 75) **MCNIE, Mark, Edward** [GB/GB]; DERA Malvern, St. Andrews Road, Malvern, Worcestershire WR14 3PS (GB).

NAYAR, Vishal [GB/GB]; DERA Malvern, St. Andrews Road, Malvern, Worcestershire WR14 3PS (GB).

(74) **LAWRENCE, John**; Barker Brettell, 138 Hagley Road, Edgbaston, Birmingham B16 9PW (GB).

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

(51)⁶ **G01C 19/56, G01P 9/04**

(11) **WO 00/16042** (13) A1

(21) PCT/JP99/04897

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) ja (26) ja

(30) 10/256536 **10 Sep/sep 1998 JP (10.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ANGULAR SPEED SENSOR

• CAPTEUR DE VITESSE ANGULAIRE

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

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

(72, 75) **ICHINOSE, Toshihiko** [JP/JP]; 12-10, Kitayomato 4-chome, Ikoma-shi, Nara 630-0121 (JP). **OGATA, Motoki** [JP/JP]; 2-13-13, Takayanagi, Maruoka-cho, Sakai-gun, Fukui 910-0373 (JP). **YUKAWA, Junichi** [JP/JP]; 11-10, Kitayomato 5-chome, Ikoma-shi, Nara 630-0121 (JP). **YAMAMOTO, Koji** [JP/JP]; 1-9-27, Mizuochi-cho, Sabae-shi, Fukui 916-0022 (JP). **SAITO, Masahiro** [JP/JP]; 2-6, Higashikouri 3-chome, Hirakata-shi, Osaka

- 573-0075 (JP). **UEMURA, Takeshi** [JP/JP]; 14-14, Kuzuhaoka 2-chome, Hirakata-shi, Osaka 573-1104 (JP).
- (74) **IWAHASHI, Fumio** et al. / etc.; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
- (81) CA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁶ **G01C 19/56, G01P 9/04**
- (11) **WO 00/16043** (13) A1
- (21) PCT/JP99/05029
- (22) **14 Sep/sep 1999 (14.09.1999)**
- (25) ja (26) ja
- (30) 10/261144 **16 Sep/sep 1998** JP
(16.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● ANGLE SPEED SENSOR
● CAPTEUR DE VITESSE ANGULAIRE
- (71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KURODA, Keisuke** [JP/JP]; 30-23-210, Miyukihigashimachi, Neyagawa-shi, Osaka 572-0055 (JP). **UEMURA, Takeshi** [JP/JP]; 14-14, Kuzuhaoka 2-chome, Hirakata-shi, Osaka 573-1104 (JP). **ICHINOSE, Toshihiko** [JP/JP]; 12-10, Kitayamato 4-chome, Ikoma-shi, Nara 630-0121 (JP). **SAITO, Masahiro** [JP/JP]; 2-6, Higashikouri 3-chome, Hirakata-shi, Osaka 573-0075 (JP).
- (74) **IWAHASHI, Fumio** et al. / etc.; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
- (81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁶ **G01F 1/66, 3/22, 1/00**
- (11) **WO 00/16044** (13) A1
- (21) PCT/JP99/04972
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) ja (26) ja
- (30) 10/258137 **11 Sep/sep 1998** JP
(11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● SYSTEM FOR DISTINGUISHING APPLIANCE
● SYSTEME DE DISTINCTION D'APPAREILS
- (71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). **THE HIGH PRESSURE GAS SAFETY INSTITUTE OF JAPAN** [JP/JP]; 3-9, Toranomom 4-chome, Minato-ku, Tokyo 105-0001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NAWA, Motoyuki** [JP/JP]; 13-61, Shikanodai Higashi 1-chome, Ikoma-shi, Nara 630-0112 (JP). **NANBA, Mitsuo** [JP/JP]; Shiihahitsu I-401, 1380, Yamazaki-machi, Machida-shi, Tokyo 195-0074 (JP).
- (74) **YAMAMOTO, Shusaku**; 15th floor, Crystal Tower, 2-27, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-6015 (JP).
- (81) BR CN IN JP KR RU US VN; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁶ **G01J 3/28, 3/18**
- (11) **WO 00/16045** (13) A1
- (21) PCT/US99/20073
- (22) **2 Sep/sep 1999 (02.09.1999)**
- (25) en (26) en
- (30) 60/098,823 **2 Sep/sep 1998** US
(02.09.1998)
- (30) 60/098,837 **2 Sep/sep 1998** US
(02.09.1998)
- (30) 60/098,845 **2 Sep/sep 1998** US
(02.09.1998)
- (30) 60/098,855 **2 Sep/sep 1998** US
(02.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● COLORIMETER FOR DENTAL APPLICATIONS
● COLORIMETRE POUR APPLICATIONS DE DENTISTERIE
- (71) **COLORIMETER, LLC** [US/US]; Suite 210, 1025 N. Brand Boulevard, Glendale, CA 91202 (US).
- (72) **DELAWTER, S., Brett**; 4517 Loma Vista Drive, La Cañada, CA 91011 (US). **WAGNER, Gregg, A.**; 1368 Cedar Avenue, Boulder, CO 80304 (US). **EMERSON, Gary**; 34226 Gap Road, Golden, CO 80403 (US). **FRANKLIN, Brian**; 41887 N. Rattlesnake Road, Queen Creek, AZ 95424 (US).
- (74) **WINNER, Ellen, P.** et al. / etc.; Greenlee, Winner and Sullivan, P.C., Suite 201, 5370 Manhattan Circle, Boulder, CO 80303 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **G01K**
- (11) **WO 00/16046** (13) A2
- (21) PCT/IB99/01698
- (22) **14 Sep/sep 1999 (14.09.1999)**
- (25) en (26) en
- (30) 126224 **15 Sep/sep 1998** IL
(15.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● INFRARED EAR THERMOMETER
● THERMOMETRE INFRAROUGE QUE L'ON INTRODUIT DANS L'OREILLE
- (71, 72) **GERLITZ, Jonathan** [IL/IL]; 22, Uri St., 46473 Herzlia (IL).
- (74) **REINHOLD COHN AND PARTNERS**; P.O. Box 4060, 61040 Tel Aviv (IL).
- (81) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **G01K 13/00**
- (11) **WO 00/16047** (13) A1
- (21) PCT/EP99/06262
- (22) **26 Aug/août 1999 (26.08.1999)**
- (25) de (26) de
- (30) 198 42 402.7 **16 Sep/sep 1998** DE
(16.09.1998)
- (30) 198 57 145.3 **11 Dec/déc 1998** DE
(11.12.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● METHOD FOR DETERMINING TEMPERATURE, RADIATION THERMOMETER WITH SEVERAL INFRARED SENSOR ELEMENTS
● PROCEDE POUR DETERMINER UNE TEMPERATURE ET THERMOMETRE A RAYONNEMENT COMPORTANT PLUSIEURS ELEMENTS DE DETECTION DE RAYONNEMENT INFRAROUGE
- (71) **BRAUN GMBH** [DE/DE]; Kronberg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KRAUS, Bernhard** [DE/DE]; Karl-Broll-Strasse 8, D-35619 Braunfels (DE). **BEERWERTH, Frank** [DE/DE]; Emsstrasse 1, D-65594 Runkel-Ennerich (DE).
- (74) **BRAUN GMBH**; Frankfurter Strasse 145, D-61476 Kronberg (DE).
- (81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **G01K 13/00, 1/08**
- (11) **WO 00/16048** (13) A1
- (21) PCT/EP99/06263
- (22) **26 Aug/août 1999 (26.08.1999)**
- (25) de (26) de
- (30) 198 42 402.7 **16 Sep/sep 1998** DE
(16.09.1998)
- (30) 198 57 146.1 **11 Dec/déc 1998** DE
(11.12.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)

(54) • RADIATION THERMOMETER WITH A ROUNDED MEASURING TIP AND A PROTECTIVE CAP

• THERMOMETRE A RAYONNEMENT PRESENTANT UNE EXTREMITE DE MESURE ARRONDIE ET UN CAPUCHON DE PROTECTION

(71) **BRAUN GMBH** [DE/DE]; Frankfurter Strasse 145, D-61476 Kronberg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MANNEBACH, Horst** [DE/DE]; An der Koppelwiese 19, D-35510 Butzbach (DE). **AMSEL, Klaus** [DE/DE]; Am Arnsgraben 22, D-61389 Schmitten (DE). **KLÖS, Alexander** [DE/DE]; An der Obermühle 2, D-65719 Hofheim (DE).

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

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

(51)⁷ **G01K 13/00**

(11) **WO 00/16049** (13) A1

(21) PCT/EP99/06265

(22) **26 Aug/août 1999 (26.08.1999)**

(25) de (26) de

(30) 198 42 402.7 **16 Sep/sep 1998** DE
(**16.09.1998**)

(30) 198 57 148.8 **11 Dec/déc 1998** DE
(**11.12.1998**)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • RADIATION THERMOMETER WITH A FLEXIBLE MEASURING TIP

• THERMOMETRE A RAYONNEMENT PRESENTANT UNE EXTREMITE DE MESURE FLEXIBLE

(71) **BRAUN GMBH** [DE/DE]; Frankfurter Strasse 145, D-61476 Kronberg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MANNEBACH, Horst** [DE/DE]; An der Koppelwiese 19, D-35510 Butzbach (DE). **KLÖS, Alexander** [DE/DE]; An der Obermühle 2, D-65719 Hofheim (DE).

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

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

(51)⁷ **G01K 13/00, G01J 5/08**

(11) **WO 00/16050** (13) A1

(21) PCT/EP99/06266

(22) **26 Aug/août 1999 (26.08.1999)**

(25) de (26) de

(30) 198 42 403.5 **16 Sep/sep 1998** DE
(**16.09.1998**)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • RADIATION THERMOMETER AND RADIATION SENSOR WITH SEVERAL SENSOR ELEMENTS, METHOD FOR DETERMINING TEMPERATURE

• THERMOMETRE A RAYONNEMENT ET DETECTEUR DE RAYONNEMENT PRESENTANT PLUSIEURS ELEMENTS DE DETECTION, ET PROCEDE DE DETERMINATION D'UNE TEMPERATURE

(71) **BRAUN GMBH** [DE/DE]; Frankfurter Strasse 145, D-61476 Kronberg (DE).
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(72, 75) **JANOTTE, Michael** [DE/DE]; Schreyerstrasse 32, D-61476 Kronberg (DE).

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

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

(51)⁷ **G01K 13/00**

(11) **WO 00/16051** (13) A1

(21) PCT/US99/20855

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 09/151,482 **11 Sep/sep 1998** US
(**11.09.1998**)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • TEMPORAL ARTERY TEMPERATURE DETECTOR

• CAPTEUR DE TEMPERATURE D'ARTERE TEMPORALE

(71) **EXERGEN CORPORATION** [US/US]; 51 Water Street, Watertown, MA 02172 (US).
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(72, 75) **POMPEI, Francesco** [US/US]; 85 East India Row #6B, Boston, MA 02110 (US).

(74) **SMITH, James, M.** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, MA 02421 (US).

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

(51)⁷ **G01K 13/08**

(11) **WO 00/16052** (13) A1

(21) PCT/EP99/06482

(22) **3 Sep/sep 1999 (03.09.1999)**

(25) de (26) de

(30) 198 41 967.8 **14 Sep/sep 1998** DE
(**14.09.1998**)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • GODET ROLL UNIT AND METHOD FOR MEASURING A SURFACE TEMPERATURE

• UNITE GODET DE FILAGE ET PROCEDE POUR MESURER UNE TEMPERATURE SUPERFICIELLE

(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) **RIPPSTEIN, Klaus** [DE/DE]; Schönbergstrasse 33, D-97500 Ebelsbach-Gleisenau (DE).

(74) **KAHLHÖFER, Hermann**; Bardehle Pagenberg Dost Altenburg Geissler Isenbruck, Uerdinger Strasse 5, D-40474 Düsseldorf (DE).

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

Published / Publiée : (c)

(51)⁷ **G01L 1/18, 1/20**

(11) **WO 00/16053** (13) A1

(21) PCT/EP99/06593

(22) **7 Sep/sep 1999 (07.09.1999)**

(25) fr (26) fr

(30) 90286 **11 Sep/sep 1998** LU
(**11.09.1998**)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • FORCE SENSOR

• CAPTEUR DE FORCE

(71) **I.E.E. INTERNATIONAL ELECTRONICS & ENGINEERING S.A. R.L.** [LU/LU]; Zone Industrielle Findel, 2b, route de Trèves, L-2632 Luxembourg (LU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SERBAN, Bogdan** [RO/LU]; 4, rue de Longwy, L-4610 Niederkorn (LU). **SCHOOS, Aloyse** [LU/LU]; 20, route de Strassen, L-8094 Bertrange (LU). **HUEGENS, Emmanuel** [BE/BE]; 47, rue Halbardier, B-6700 Arlon (BE).

(74) **BEISSEL, Jean** et al. / etc.; B.P. 48, L-8001 Strassen (LU).

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

Published / Publiée : (c)

(51)⁷ **G01L 1/22, B60K 28/04, B60N 2/00, G01G 19/414**

(11) **WO 00/16054** (13) A1

(21) PCT/EP99/06694

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) de (26) de

(30) 90287 **16 Sep/sep 1998** LU
(**16.09.1998**)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • MOTOR VEHICLE SEAT HAVING AN INTEGRATED OCCUPANCY DETECTION SYSTEM

• SIEGE D'AUTOMOBILE A SYSTEME D'IDENTIFICATION D'OCCUPATION INTEGRE

(71) **I.E.E. INTERNATIONAL ELECTRONICS & ENGINEERING S.A.R.L.** [LU/LU]; Zone Industrielle Findel, 2b, route de Trèves, L-2632 Luxembourg (LU). *(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **BILLEN, Karl** [DE/DE]; Johanniterstrasse 18, D-54675 Körperich (DE).(74) **BEISSEL, Jean** et al. / etc.; B.P. 48, L-8001 Strassen (LU).

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

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(51)⁶ **G01L 3/00**(11) **WO 00/16055** (13) A1

(21) PCT/US99/20817

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) en (26) en

(30) 09/152,640 **14 Sep/sep 1998** US
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • CYCLING ENERGY METERING

• SURVEILLANCE D'ENERGIE CYCLIQUE

(71, 72) **POLONYI, Michael, Joseph, Gilbert** [US/US]; Apt. 5H, 310 East 49 Street, New York, NY 10017-1677 (US).

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

(51)⁷ **G01L 5/00, G01N 3/00**(11) **WO 00/16056** (13) A1

(21) PCT/EP99/06307

(22) **27 Aug/août 1999 (27.08.1999)**

(25) en (26) en

(30) BO98A000528 **15 Sep/sep 1998** IT
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • APPARATUS AND METHOD FOR MEASURING THE FORCE EXERTED BY AN ELASTIC ELEMENT

• APPAREIL ET PROCEDE DE MESURE DE LA FORCE EXERCEE PAR UN ELEMENT ELASTIQUE

(71) **MARPOSS SOCIETÀ PER AZIONI** [IT/IT]; Via Saliceto, 13, I-40010 Bentivoglio (IT).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **CIPRIANI, Riccardo** [IT/IT]; Via G.G. Belli, 12, I-44100 Ferrara (IT).(74) **MINIUCCHI, Silvio**; Marposs Società per Azioni, Via Saliceto, 13, I-40010 Bentivoglio (IT).

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

(51)⁷ **G01L 5/28**(11) **WO 00/16057** (13) A1

(21) PCT/US99/21157

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 09/151,544 **11 Sep/sep 1998** US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD AND APPARATUS FOR GRAPHICALLY MONITORING AND CONTROLLING A VEHICLE ANTI-LOCK BRAKING SYSTEM

• PROCEDE ET APPAREIL DE SURVEILLANCE ET DE CONTROLE GRAPHIQUE D'UN SYSTEME DE FREINS ANTIBLOCAGE POUR VEHICULES

(71) **ALLIEDSIGNAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).(72) **LANCKI, Alfred, L.**; 5802 Sherwood Drive, Cuyahoga, OH 44221 (US).(74) **CRISS, Roger, H.** et al. / etc.; AlliedSignal Inc., Law Dept. (A. Olinger), 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

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

(51)⁷ **G01M 3/16**(11) **WO 00/16058** (13) A1

(21) PCT/EP99/06579

(22) **7 Sep/sep 1999 (07.09.1999)**

(25) de (26) de

(30) 198 41 717.9 **11 Sep/sep 1998** DE
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ELECTRIC SENSOR LINE FOR DETECTING LEAKAGE

• LIGNE DE DETECTION ELECTRIQUE PERMETTANT DE DETECTER DES FUITES

(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) **BRAUNGART, Heinz** [DE/DE]; Breitenloher Strasse 9, D-91887 Röttenbach (DE). **HENNECK, Klaus** [DE/DE]; Erwin-Schulhoff-Strasse 1, D-91781 Weißenbrück (DE).(74) **HIRSCH, Peter**; Klunker, Schmitt-Nilson, Hirsch, Winzenerstrasse 106, D-80797 München (DE).

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

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(51)⁶ **G01M 3/24, 3/28**(11) **WO 00/16059** (13) A1

(21) PCT/JP99/04973

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) ja (26) ja

(30) 10/258138 **11 Sep/sep 1998** JP
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • GAS LEAK DETECTION SYSTEM

• SYSTEME DE DETECTION DE FUITES DE GAZ

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). **THE HIGH PRESSURE GAS SAFETY INSTITUTE OF JAPAN** [JP/JP]; 3-9, Toranomon 4-chome, Minato-ku, Tokyo 105-0001 (JP).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **NAWA, Motoyuki** [JP/JP]; 13-61, Shikanodai Higashi 1-chome, Ikoma-shi, Nara 630-0112 (JP). **IWANAGA, Shigeru** [JP/JP]; 23-28, Gojo Nishi 1-chome, Nara-shi, Nara 630-8034 (JP). **NANBA, Mitsuo** [JP/JP]; Shiihahitsu 1-401, 1380, Yamazaki-machi, Machida-shi, Tokyo 195-0074 (JP).(74) **YAMAMOTO, Shusaku**; Crystal Tower, 15th floor, 2-27, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-6015 (JP).

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

(51)⁷ **G01M 15/00**(11) **WO 00/16060** (13) A1

(21) PCT/SE99/01544

(22) 6 Sep/sep 1999 (06.09.1999)

(25) sv (26) en

(30) 9803088-5 10 Sep/sep 1998 SE
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD AND SYSTEM FOR DIAGNOSING COMPLEX DISTRIBUTED SYSTEMS, PREFERABLY IMPLEMENTED IN VEHICLES

• PROCEDE ET SYSTEME DE DIAGNOSTIC DE SYSTEMES COMPLEXES REPARTIS, DE PREFERENCE MIS EN OEUVRE DANS DES VEHICULES

(71) MECCEL AB [SE/SE]; P.O. Box 73, S-662 22 Åmål (SE).

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

(72, 75) LINDGREN, Matts [SE/SE]; Södra Saltjönsvägen 31, S-421 66 V:a Frölinda (SE).

(74) HYNELL, Magnus; Hynell Patenttjänst AB, Patron Carls väg 2, S-683 40 Hagfors/Uddeholm (SE).

(81) DE US.

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(51)⁷ G01N

(11) WO 00/16061 (13) A2

(21) PCT/RU99/00246

(22) 22 Jul/juil 1999 (22.07.1999)

(25) ru (26) ru

(30) 98117062 16 Sep/sep 1998 RU
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR DIAGNOSING THE ACTIVE STAGE OF A CYTOMEGALOVIRUS INFECTION IN A PERSON

• PROCEDE DE DIAGNOSTIC DU STADE ACTIF DE L'INFECTION D'UNE PERSONNE PAR DES CYTOMEGALOVIRUS

(71) UNITARNOE GOSUDARSTVENNOE MOSKOVSKOE PREDPRIYATIE PO PROIZVODSTVU BAKTERIYNYKH PREPARATOV MINISTERSTVA ZDRAVOOKHRANENIYA ROSSIISKOT FEDERATSII [RU/RU]; 1-aya Dubrovskaya ul., 15, Moscow, 109088 (RU).

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

(71, 72) ZVONAREV, Anatoly Jurievich [RU/RU]; ul. M.Dzhalilya, 27-1-134, Moscow, 115580 (RU). ZAITSEV, Igor Zakvanovich [RU/RU]; ul. Akad. Lavrentieva, 3-34, Dolgoprudny, Moskovskaya obl., 141700 (RU). SHALAMBERIDZE, Tengiz Dmitrievich [RU/RU]; Svetly proezd, 10-4-130, Moscow, 125080 (RU).

(74) KVASHNIN, SAPELNIKOV I PARTNER; ul. Kazakova, 16, NIIR, Moscow, 103064 (RU).

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

(51)⁷ G01N

(11) WO 00/16062 (13) A2

(21) PCT/US99/21849

(22) 17 Sep/sep 1999 (17.09.1999)

(25) en (26) en

(30) 09/156,741 17 Sep/sep 1998 US
(17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHODS FOR DETERMINING THE ACTIVITY OF COMPLEX MIXTURES

• TECHNIQUES PERMETTANT DE DETERMINER L'ACTIVITE DE MELANGES COMPLEXES

(71) EAST WEST BIOTECH [US/US]; 30 Brown Road, Ithaca, NY 14850 (US).

(72) BABISH, John, G.; 508 White Church Road, Brooktondale, NY 14817 (US). PACIORETTY, Linda, M.; 508 White Church Road, Brooktondale, NY 14817 (US). LEE, M., Lisa; 349 Willow Crossing, Dryden, NY 13053 (US).

(74) SINDER, Stuart, J. et al. / etc.; Kenyon & Kenyon, One Broadway, New York, NY 10004 (US).

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

(51)⁷ G01N 1/22, 1/34

(11) WO 00/16063 (13) A1

(21) PCT/IT99/00286

(22) 10 Sep/sep 1999 (10.09.1999)

(25) it (26) en

(30) RM98A000584 11 Sep/sep 1998 IT
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • DIFFUSIVE SAMPLING DEVICE FOR MONITORING ORGANIC VAPOURS IM AMBIENT AIR

• DISPOSITIF D'ECHANTILLONNAGE DIFFUSIF POUR CONTROLER DES VAPEURS ORGANIQUES DANS L'AIR AMBIANT

(71) CONSIGLIO NAZIONALE DELLE RICERCHE [IT/IT]; Piazzale Aldo Moro, 7, I-00185 Roma (IT).

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

(72, 75) BERTONI, Giuliano [IT/IT]; Istituto sull'Inquinamento Atmosferico - C.N.R.,

Area della Ricerca di Roma, Via Salaria, Km 29.300, I-00016 Monterotondo Scalo (IT). TAPPA, Remo [IT/IT]; Istituto sull'Inquinamento Atmosferico - C.N.R., Area della Ricerca di Roma, Via Salaria, Km 29.300, I-00016 Monterotondo Scalo (IT). ALLEGRINI, Ivo [IT/IT]; Istituto sull'Inquinamento Atmosferico - C.N.R., Area della Ricerca di Roma, Via Salaria, Km 29.300, I-00016 Monterotondo Scalo (IT).

(74) BANCHETTI, Marina et al. / etc.; Ing. Barzanò & Zanardo Roma S.p.A., Via Piemonte, 26, I-00187 Roma (IT).

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

(51)⁷ G01N 1/24, 1/04

(11) WO 00/16064 (13) A1

(21) PCT/US99/20267

(22) 3 Sep/sep 1999 (03.09.1999)

(25) en (26) en

(30) 09/151,743 11 Sep/sep 1998 US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • PULSED AIR SAMPLER

• ECHANTILLONNEUR A AIR PULSE

(71) FEMTOMETRICS, INC. [US/US]; Suite B, 17252 Armstrong Avenue, Irvine, CA 92614 (US).

(72) BOWERS, William, D.; 17 Wild Goose Court, Newport Beach, CA 92663 (US).

(74) ALTMAN, Daniel, E.; Knobbe, Martens, Olson & Bear, 16th floor, 620 Newport Center Drive, Newport Beach, CA 92660-8016 (US).

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

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(51)⁶ G01N 1/30, 1/36, 1/42

(11) WO 00/16065 (13) A1

(21) PCT/US99/20428

- (22) **7 Sep/sep 1999 (07.09.1999)**
- (25) en (26) en
- (30) 09/154,430 **16 Sep/sep 1998** US
(16.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • HISTOLOGICAL PROCESSING OF TISSUE AND OTHER MATERIAL
• TRAITEMENT HISTOLOGIQUE DE TISSUS ET AUTRES MATERIAUX
- (71) **ADVANCED PATHOLOGY SYSTEMS, INC.** [US/US]; Suite 621, 3801 Sacramento Street, San Francisco, CA 94118 (US).
- (72) **KERSCHMANN, Russell, L.;** 658 Northern Avenue, Mill Valley, CA 94941 (US).
- (74) **CLARK, Paul, T.;** Clark & Elbing LLP, 176 Federal Street, Boston, MA 02110-2214 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **G01N 3/08, 3/12, A61F 2/46, G01M 19/00, A61F 2/34**
- (11) **WO 00/16066** (13) A1
- (21) PCT/EP99/06559
- (22) **7 Sep/sep 1999 (07.09.1999)**
- (25) de (26) de
- (30) 198 41 826.4 **12 Sep/sep 1998** DE
(12.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD FOR TESTING CERAMIC SOCKET INSERTS OF HIP JOINT ENDOPROTHESES
• PROCEDE PERMETTANT DE VERIFIER LES CUPULES INTERNES EN CERAMIQUE D'ENDOPROTHESES DE L'ARTICULATION DE LA HANCHE
- (71) **CERAMTEC AG INNOVATIVE CERAMIC ENGINEERING** [DE/DE]; Fabrikstrasse 23-29, D-73207 Plochingen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RICHTER, Herbert** [DE/DE]; Schleheweg 14, D-73257 Köngen (DE). **WIMMER, Martin** [DE/DE]; Burkhardtstrasse 14, D-70736 Fellbach (DE).
- (74) **UPPENA, Franz;** Dynamit Nobel Aktiengesellschaft, Patentabteilung, D-53839 Troisdorf (DE).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)⁷ **G01N 5/04 // 22/04**
- (11) **WO 00/16067** (13) A1
- (21) PCT/US99/21490
- (22) **17 Sep/sep 1999 (17.09.1999)**
- (25) en (26) en
- (30) 09/156,086 **17 Sep/sep 1998** US
(17.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD AND APPARATUS FOR MEASURING VOLATILE CONTENT
• PROCEDE ET APPAREIL PERMETTANT DE MESURER LA TENEUR EN CONSTITUANTS VOLATILS
- (63) US 09/156,086 (CON)
17 Sep/sep 1998 (17.09.1998)
- (71) **CEM CORPORATION** [US/US]; 3100 Smith Farm Road, P.O. Box 200, Matthews, NC 28106 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **COLLINS, Michael, J.** [US/US]; 10225 Thomas Payne Road, Charlotte, NC 28277 (US). **JENNINGS, William, Edward** [US/US]; 5722 Olive Branch Road, Wingate, NC 28174 (US).
- (74) **SUMMA, Philip** et al. / etc.; Suite 315, 13777 Ballantyne Corporate Place, Charlotte, NC 28277 (US).
- (81) AE 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 GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁶ **G01N 7/00**
- (11) **WO 00/16068** (13) A1
- (21) PCT/US99/21286
- (22) **17 Sep/sep 1999 (17.09.1999)**
- (25) en (26) en
- (30) 06/100,913 **17 Sep/sep 1998** US
(17.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • REMOTE EMISSIONS SENSING SYSTEM WITH IMPROVED NO_x DETECTION
• SYSTEME DE DETECTION D'EMISSIONS DISTANTES A DETECTION DE NO_x AMELIOREE
- (71) **ENVIROTEST SYSTEMS, CORP.** [US/US]; 246 Sobrante Way, Sunnyvale, CA 94086 (US).
- (72) **DIDOMENICO, John, D.;** 8810 East Bear Paw Place, Tucson, AZ 85749 (US). **RENDAHL, Craig, S.;** 4642 West Globeberry Street, Tucson, AZ 85741 (US).
- (74) **DUNLEAVY, Kevin, J.** et al. / etc.; Hunton & Williams, 1900 K Street, N.W., Washington, DC 20006 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **G01N 15/02**
- (11) **WO 00/16069** (13) A1
- (21) PCT/US99/17926
- (22) **10 Aug/août 1999 (10.08.1999)**
- (25) en (26) en
- (30) 09/156,792 **17 Sep/sep 1998** US
(17.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD AND SYSTEM FOR THE MEASUREMENT OF SPECIFIC CHARACTERISTICS OF SMALL PARTICLES
• PROCEDE ET SYSTEME POUR LA MESURE DE CARACTERISTIQUES SPECIFIQUES DE PETITES PARTICULES
- (71) **HONEYWELL INC.** [US/US]; Honeywell Plaza, Minneapolis, MN 55408 (US).
- (72) **TRAINER, Michael, N.;** 186 Fretz Road, Telford, PA 18969 (US).
- (74) **MIOLOGOS, Anthony;** Honeywell Inc., Honeywell Plaza - MN12-8251, P.O. Box 524, Minneapolis, MN 55440-0524 (US).
- (81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁶ **G01N 21/00**
- (11) **WO 00/16070** (13) A1
- (21) PCT/US99/21287
- (22) **17 Sep/sep 1999 (17.09.1999)**
- (25) en (26) en
- (30) 60/100,731 **17 Sep/sep 1998** US
(17.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)

(54) • REMOTE EMISSIONS SENSING SYSTEM AND METHOD WITH A COMPOSITE BEAM OF IR AND UV RADIATION THAT IS NOT SPLIT FOR DETECTION

• SYSTEME ET PROCEDE DE DETECTION D'EMISSIONS DISTANTES, AVEC UTILISATION D'UN FAISCEAU COMPOSITE A BASE DE RAYONNEMENT INFRAROUGE ET ULTRAVIOLET QUI EST DIVISE AUX FINS DE DETECTION

(71) **ENVIROTEST SYSTEMS, INC.** [US/US]; 246 Sobrante Way, Sunnyvale, CA 94086 (US).

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

(72, 75) **DIDOMENICO, John, D.** [US/US]; 8810 East Bear Paw Place, Tucson, AZ 85749 (US). **RENDAHL, Craig, S.** [US/US]; 4642 West Globeberry Street, Tucson, AZ 85741 (US).

(74) **DUNLEAVY, Kevin, J.** et al. / etc.; Hunton & Williams, 1900 K. Street, N.W., Washington, DC 20006 (US).

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

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(51)⁶ **G01N 21/20**

(11) **WO 00/16071** (13) A1

(21) PCT/US99/12706

(22) **7 Jun/juin 1999 (07.06.1999)**

(25) en (26) en

(30) 09/150,716 **10 Sep/sep 1998** US (10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • SYSTEM AND METHOD FOR THREE-DIMENSIONAL INSPECTION USING PATTERNED LIGHT PROJECTION

• SYSTEME ET PROCEDE D'INSPECTION TRIDIMENSIONNELLE A L'AIDE DE LA PROJECTION DE LUMIERE MODELEE

(71) **ACUTY IMAGING, LLC** [US/US]; 9 Townsend West, Nashua, NH 03063 (US).

(71, 72) **HALLERMAN, Gregory, R.** [US/US]; 35 Swallow Drive, Hollis, NH 03049 (US). **LUDLOW, Jonathan, E.** [US/US]; 46 Lowell Street, Lexington, MA 02172 (US). **STERN, Howard, K.** [US/US]; 89 Derby Avenue, Green Lawn, NY 11740 (US).

(74) **BOURQUE, Daniel, J.** et al. / etc.; Bourque and Associates, P.A., Suite 303, 835 Hanover Street, Manchester, NH 03104 (US).

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

(51)⁷ **G01N 21/35, 21/88**

(11) **WO 00/16072** (13) A1

(21) PCT/US99/20119

(22) **1 Sep/sep 1999 (01.09.1999)**

(25) en (26) en

(30) 09/151,560 **11 Sep/sep 1998** US (11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD AND APPARATUS FOR DETECTING CONTACT LENSES

• PROCEDE ET DISPOSITIF DE DETECTION DE LENTILLES DE CONTACT

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

(72) **DUGGAN, Robert, A.**; Owing, Piltown, County Kilkenny (IE). **DOWLING, Joseph, Patrick**; 11 King's Channel, Maypark Lane, Waterford (IE).

(74) **POLYN, Denis, A.** et al. / etc.; Bausch & Lomb Incorporated, One Bausch & Lomb Place, Rochester, NY 14604-2701 (US).

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

(51)⁶ **G01N 21/55, 21/47, G06K 7/10**

(11) **WO 00/16073** (13) A1

(21) PCT/US99/18846

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 09/151,765 **11 Sep/sep 1998** US (11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • DIFFUSE SURFACE ILLUMINATION APPARATUS AND METHODS

• DISPOSITIF AUTORISANT UN ECLAIREMENT LUMINEUX DIFFUS D'UNE SURFACE ET PROCEDES AFFERENTS

(71) **ROBOTIC VISION SYSTEMS INC.** [US/US]; 5 Shawmut Road, Canton, MA 02021 (US).

(72) **STERN, Howard**; 89 Derby Avenue, Greenlawn, NY 11740 (US).

(74) **ROBINSON, Douglas, W.** et al. / etc.; Hoffman, Wasson & Gitler, P.C., Suite 522, 2361 Jefferson Davis Highway, Arlington, VA 22202 (US).

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

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(51)⁷ **G01N 21/64, 33/533**

(11) **WO 00/16074** (13) A1

(21) PCT/AT99/00225

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) de (26) de

(30) A 1550/98 **15 Sep/sep 1998** AT (15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • OPTO-CHEMICAL SENSOR AND CORRESPONDING PRODUCTION METHOD

• DETECTEUR OPTOCHIMIQUE ET SON PROCEDE DE PRODUCTION

(71) **JOANNEUM RESEARCH FORSCHUNGSGESELLSCHAFT MBH** [AT/AT]; Steyrergasse 17, A-8010 Graz (AT).

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(72, 75) **BIEBERNIK, Karin** [AT/AU]; 11/10-12 Ray Street, Turramurra, NSW 2074 (AU). **REININGER, Franz** [AT/AT]; Flamborg 77, A-8505 St. Nikolai i.S. (AT). **TRETTNAK, Wolfgang** [AT/AT]; Neudorf 5, A-8562 Mooskirchen (AT).

(74) **CUNOW, Gerda**; Miksovsky & Pollhammer OEG, Währinger Strasse 3, A-1096 Wien (AT).

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

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(51)⁷ **G01N 21/76, 21/03**

(11) **WO 00/16075** (13) A1

(21) PCT/FR99/02170

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) fr (26) fr

(30) 98/11375 **11 Sep/sep 1998** FR (11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • REACTION WELLS, ASSEMBLY THEREOF, IMMUNOASSAY APPARATUS AND METHOD USING SUCH WELL ASSEMBLIES

• CUVETTES DE REACTION, ENSEMBLE DE TELLES CUVETTES,

APPAREIL DE DOSAGE IMMUNOLOGIQUE ET PROCÉDE METTANT EN OEUVRE DE TELS ENSEMBLES DE CUVETTES

(71) **BIOTROL DIAGNOSTIC** [FR/FR]; 2, rue d'Épiais, F-95380 Chennevières-les-Louvres (FR).
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(72, 75) **GICQUEL, Thierry** [FR/FR]; Domaine des Greens, 55, rue Vieille-Saint-Martin, F-95800 Courdimanche (FR). **LENTWOJT, Edouard** [FR/FR]; 5, Allée Marcel Philippe, F-60340 Saint-Leu d'Esserent (FR).

(74) **ORES, Béatrice** et al. / etc.; Cabinet Ores, 6, avenue de Messine, F-75008 Paris (FR).

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

(51)⁷ G01N 21/88

(11) **WO 00/16076** (13) A1

(21) PCT/KR99/00557

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) en (26) en

(30) 1998/38479 **17 Sep/sep 1998 (17.09.1998)** KR

(30) 1999/31796 **3 Aug/août 1999 (03.08.1999)** KR

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● ELECTRONIC COMPONENT LEAD INSPECTION DEVICE

● DISPOSITIF DE CONTRÔLE D'UN CONDUCTEUR D'UN COMPOSANT ÉLECTRONIQUE

(71) **LEE, Kyeng, Ja** [KR/KR]; 3-208 Wangkoong Apt., 300-11, Dongbu Ichon-dong, Yongsan-gu, Seoul 140-031 (KR).
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(72, 75) **CHOI, Jong, Ju** [KR/KR]; 3-208 Wangkoong Apt., 300-11, Dongbu Ichon-dong, Yongsan-gu, Seoul 140-031 (KR). **JANG, Dong, Sik** [KR/KR]; 2-906 Samick Apt., Anam-dong 3ga, Seongbuk-gu, Seoul 136-073 (KR).

(74) **KIM, Yeon, Soo**; 648-23, Yeoksam-dong, Kangnam-gu, Seoul 135-080 (KR).

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

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(51)⁶ G01N 23/00, H01J 37/28

(11) **WO 00/16077** (13) A1

(21) PCT/US99/21577

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) en (26) en

(30) 60/100,741 **17 Sep/sep 1998 (17.09.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● APPLICATION OF X-RAY OPTICS TO ENERGY DISPERSIVE SPECTROSCOPY

● APPLICATION DE L'OPTIQUE DES RAYONS X A LA SPECTROSCOPIE DISPERSIVE D'ÉNERGIE

(71) **NORAN INSTRUMENTS, INC.** [US/US]; 2551 West Beltline Highway, Middleton, WI 53562-2697 (US).

(72) **McCARTHY, Jon, J.**; 1501 Windfield Way, Middleton, WI 53562 (US). **McMILLAN, David, J.**; 3111 Northbrook Drive, Middleton, WI 53562 (US).

(74) **ENGSTROM, Harry, C.** et al. / etc.; Foley & Lardner, 150 East Gilman Street, P.O. Box 1497, Madison, WI 53701-1497 (US).

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

(51)⁶ G01N 23/223

(11) **WO 00/16078** (13) A1

(21) PCT/US99/20867

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) en (26) en

(30) 09/156,078 **17 Sep/sep 1998 (17.09.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● X-RAY FLUORESCENCE ELEMENTAL ANALYZER

● DISPOSITIF SERVANT A ANALYSER DES ÉLÉMENTS PAR FLUORESCENCE X

(71) **PROCESS CONTROL, INC.** [US/US]; Three Christian Centre, 201 West Walnut Street, Wilmington, DE 19801 (US).

(72) **LAURILA, Melvin, J.**; 540 Big Bear Lane, Lexington, KY 40517 (US). **BACHMANN, Claus, C.**; Silcherst 41, D-75323 Bad Wildbad (DE). **KLEIN, Albert, P.**; Ahornweg 8, D-72226 Simmersfeld (DE).

(74) **SCHICKLI, Warren, D.** et al. / etc.; King and Schickli, Suite 210, 3070 Harrodsburg Road, Lexington, KY 40503 (US).

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

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(51)⁷ G01N 25/18, 25/72

(11) **WO 00/16079** (13) A1

(21) PCT/EP99/06566

(22) **7 Sep/sep 1999 (07.09.1999)**

(25) de (26) de

(30) 198 41 969.4 **14 Sep/sep 1998 (14.09.1998)** DE

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● METHOD FOR DETERMINING THE QUALITY OF ADHESION IN A LAMINAR STRUCTURE

● PROCÉDE PERMETTANT DE DÉTERMINER LA QUALITÉ D'ADHÉRENCE DANS UN STRATIFIÉ

(71) **FORSCHUNGSZENTRUM KARLSRUHE GMBH** [DE/DE]; Weberstrasse 5, D-76133 Karlsruhe (DE).
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(72, 75) **SCHULZ, Brigitte** [DE/DE]; Heussstrasse 48, D-76351 Linkenheim-Hochstetten (DE). **KRAFFT, Gerd** [DE/DE]; Heidelberger Strasse 5a, D-76344 Eggenstein-Leopoldshafen (DE). **DUSZA, Lázlo** [DE/DE]; Tullaweg 9, D-76229 Karlsruhe (DE).

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

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(51)⁷ G01N 27/00

(11) **WO 00/16080** (13) A1

(21) PCT/EP99/06673

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) de (26) de

(30) 198 41 707.1 **11 Sep/sep 1998 (11.09.1998)** DE

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● METHOD FOR PRODUCING A REFERENCE ELECTRODE FOR A GALVANIC CELL WITH CATION-CONDUCTING SOLID ELECTROLYTES

● PROCÉDE DE PRODUCTION D'UNE ÉLECTRODE DE RÉFÉRENCE POUR UNE PILE GALVANIQUE AVEC DES ÉLECTROLYTES SOLIDES CONDUCTEURS DE CATIONS

(71) **MAX-PLANCK-GESSELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E.V.** [DE/DE]; Hofgartensstrasse 8, D-80539 München (DE).
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(72, 75) **NÄFE, Helfried** [DE/DE]; Sternecker Strasse 1, D-70563 Stuttgart (DE). **GOLLHOFER, Stephanie** [DE/DE]; Fellbacher Strasse 92, D-70736 Fellbach (DE). **ALDINGER, Fritz** [DE/DE]; Waldstrasse 20, D-70771 Leinfelden-Echterdingen (DE).

(74) **WEICKMANN, H.** et al. / etc.; Kopernikusstrasse 9, D-81679 München (DE).

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

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(51)⁷ **G01N 27/12**

(11) **WO 00/16081** (13) A1

(21) PCT/NL99/00562

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) nl (26) en

(30) 1010067 **11 Sep/sep 1998 (11.09.1998)** NL

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • A SYSTEM FOR DETECTING THE PRESENCE OF MOISTURE
• SYSTEME DE DETECTION DE LA PRESENCE D'HUMIDITE

(71) **NEDERLANDSE ORGANISATIE VOOR TOEGEPAST- NATUURWETENSCHAPPELIJK ONDERZOEK TNO** [NL/NL]; Schoemakerstraat 97, NL-2628 VK Delft (NL).
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(72, 75) **VAN DE BERG, Jan** [NL/NL]; Bloklandpolderstraat 15, NL-2807 LH Gouda (NL). **DE HAAN, Peter, Hillebrand** [NL/NL]; Hof van Delftlaan 118, NL-2613 BS Delft (NL).

(74) **OTTEVANGERS, S., U.**; Verenigde Octrooibureaux, Nieuwe Parklaan 97, NL-2587 BN The Hague (NL).

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

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(51)⁷ **G01N 27/327, 33/543, C12Q 1/00**

(11) **WO 00/16082** (13) A1

(21) PCT/FR99/02191

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) fr (26) fr

(30) 98/11561 **16 Sep/sep 1998 (16.09.1998)** FR

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • DEVICE COMPRISING A PLURALITY OF ANALYSIS SITES ON A SUPPORT

• DISPOSITIF COMPRENANT UNE PLURALITE DE SITES D'ANALYSE SUR UN SUPPORT

(71) **COMMISSARIAT A L'ENERGIE ATOMIQUE** [FR/FR]; 31-33, rue de la Fédération, F-75015 Paris (FR).

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(72, 75) **CAILLAT, Patrice** [FR/FR]; 10, rue de Provence, F-38130 Echirolles (FR). **ROSLIO, Charles** [FR/FR]; 16, allée de la Pommeraière, F-91190 Gif-sur-Yvette (FR).

(74) **DES TERMES, Monique**; Brevetome, 3, rue du Docteur Lancereaux, F-75008 Paris (FR).

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

(51)⁶ **G01N 27/416, G01R 31/36**

(11) **WO 00/16083** (13) A1

(21) PCT/US99/20838

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 09/151,324 **11 Sep/sep 1998 (11.09.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD AND APPARATUS FOR DETERMINING BATTERY PROPERTIES FROM COMPLEX IMPEDANCE/ADMITTANCE

• PROCEDE APPAREIL PERMETTANT DE DETERMINER LES PROPRIETES D'UNE BATTERIE A PARTIR D'UNE IMPEDANCE/ADMITTANCE COMPLEXE

(71, 72) **CHAMPLIN, Keith, S.** [US/US]; 5437 Elliot Avenue South, Minneapolis, MN 55417 (US).

(74) **CHAMPLIN, Judson, K.** et al. / etc.; Westman, Champlin & Kelly, P.A., International Centre - Suite 1600, 900 Second Avenue South, Minneapolis, MN 55402-3319 (US).

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

(51)⁷ **G01N 27/447**

(11) **WO 00/16084** (13) A1

(21) PCT/GB99/03053

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 9819950.8 **15 Sep/sep 1998 (15.09.1998)** GB

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ELECTROPHORESIS GEL-MATRIX

• MATRICE DE GEL POUR ELECTROPHORESE

(71) **UNIVERSITY OF SOUTHAMPTON** [GB/GB]; Highfield, Southampton SO17 1BJ (GB).

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(72, 75) **DAY, Ian, Nicholas, Monsarratt** [GB/GB]; 6 Victory Way, Rownhams, Southampton SO16 8JZ (GB).

(74) **HOWARD, Paul, Nicholas** et al. / etc.; Carpmaels & Ransford, 43 Bloomsbury Square, London WC1A 2RA (GB).

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

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(51)⁷ **G01N 27/447**

(11) **WO 00/16085** (13) A1

(21) PCT/US99/20555

(22) **8 Sep/sep 1999 (08.09.1999)**

(25) en (26) en

(30) 09/152,590 **14 Sep/sep 1998 (14.09.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • SAMPLE HANDLING SYSTEM FOR A MULTI-CHANNEL CAPILLARY ELECTROPHORESIS DEVICE

• SYSTEME DE MANIPULATION D'ECHANTILLONS DESTINE A UN DISPOSITIF D'ELECTROPHORESE CAPILLAIRE A CANAUX MULTIPLES

(71) **THE PERKIN-ELMER CORPORATION** [US/US]; 850 Lincoln Centre Drive, Foster City, CA 94404 (US).

(72) **KING, Howard, Gregg**; 1610 Beverly Place, Berkeley, CA 94707 (US). **SHI-GEURA, John**; 5110 Keystone Drive, Fremont, CA 94536 (US). **NORDMAN, Eric, S.**; 2150 Middlefield Road, Palo Alto, CA 94301 (US). **DESMOND, Sean, Matthew**; 6 Garden Court #4, Belmont, CA 94002 (US).

(74) **GROSSMAN, Paul, D.**; The Perkin-Elmer Corporation, 850 Lincoln Centre Drive, Foster City, CA 94404 (US).

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

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(25) en (26) en

(30) 09/151,928 11 Sep/sep 1998 US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • MULTI-CHANNEL CAPILLARY ELECTROPHORESIS DEVICE INCLUDING SHEATH-FLOW CUVETTE AND REPLACEABLE CAPILLARY ARRAY
- DISPOSITIF D'ELECTROPHORESE CAPILLAIRE MULTICANAUX COMPORTANT UNE CUVE A FLUX DE GAINAGE ET UN ENSEMBLE DE CAPILLAIRES AMOVIBLE

(71) THE PERKIN-ELMER CORPORATION [US/US]; 850 Lincoln Centre Drive, Foster City, CA 94404 (US).

(72) NORDMAN, Eric, S.; 2150 Middlefield Road, Palo Alto, CA 94301 (US). SHIGEURA, John; 5110 Keystone Drive, Fremont, CA 94536 (US). CARRILLO, Albert, L.; 508 Lincoln Avenue, Redwood City, CA 94061 (US). DEMOREST, David, M.; 3650 Stance Avenue, Soquel, CA 95073 (US). WUNDERLE, Philip, J.; 2908 Cindy Court, El Sobrante, CA 94803 (US).

(74) GROSSMAN, Paul, D.; The Perkin-Elmer Corporation, 850 Lincoln Centre Drive, Foster City, CA 94404 (US).

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

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(11) WO 00/16087 (13) A1

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(25) en (26) en

(30) 09/154,178 16 Sep/sep 1998 US
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • SPECTRAL CALIBRATION OF FLUORESCENT POLYNUCLEOTIDE SEPARATION APPARATUS
- ETALONNAGE SPECTRAL D'UN APPAREIL DE SEPARATION DE POLYNUCLEOTIDE FLUORESCENT

(71) THE PERKIN-ELMER CORPORATION [US/US]; 850 Lincoln Centre Drive, Foster City, CA 94404 (US).

(72) SHARAF, Muhammad, A.; 96 Sequoyah View Drive, Oakland, CA 94605 (US). ROQUE-BIEWER, Maria, C.; 4600 Susan Drive, #203, San Bruno, CA 94066 (US).

(74) BORTNER, Scott, R.; The Perkin-Elmer Corporation, 850 Lincoln Centre Drive, Foster City, CA 94404 (US).

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

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(51)⁶ G01N 27/46

(11) WO 00/16088 (13) A1

(21) PCT/US99/20956

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(25) en (26) en

(30) 09/153,401 15 Sep/sep 1998 US
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • APPARATUS AND METHOD FOR DETECTING MEMORY EFFECT IN NICKEL-CADMIUM BATTERIES
- DISPOSITIF ET PROCEDE DE DETECTION D'EFFET MEMOIRE DANS DES BATTERIES NICKEL-CADMIUM

(71) ALLIEDSIGNAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

(72) PALANISAMY, Thirumalai, G.; 14 Canterbury Way, Morristown, NJ 07960 (US). SINGH, Harmohan; 35 Sherbrook Drive, Rockaway, NJ 07866 (US). PATEL, Alpesh; 13 Queen Street, Parsippany, NJ 07054 (US). RUDAI, Patrick, M.; 602 Paulison Avenue, Clifton, NJ 07011 (US).

(74) CRISS, Roger, H. et al. / etc.; AlliedSignal Inc. (Law Dept., Attn: A. Olinger), 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

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

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(51)⁷ G01N 27/49

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(22) 17 Sep/sep 1999 (17.09.1999)

(25) en (26) en

(30) 60/100,730 17 Sep/sep 1998 US
(17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • SIGNAL DETECTION TECHNIQUES FOR THE DETECTION OF ANALYTES
- TECHNIQUES DE DETECTION DE SIGNAUX POUR LA DETECTION D'ANALYTES

(71) CLINICAL MICRO SENSORS, INC. [US/US]; 101 Waverly Drive, Pasadena, CA 91105 (US).

(72) O'CONNOR, Stephen, D.; 4222 S. El Molino, #16, Pasadena, CA 91101 (US).

(74) TRECARTIN, Richard, F. et al. / etc.; Flehr Hobbach Test Albritton & Herbert LLP, 4 Embarcadero Center, Suite 3400, San Francisco, CA 94111-4187 (US).

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

(51)⁶ G01N 29/02, 29/18

(11) WO 00/16090 (13) A1

(21) PCT/JP99/04971

(22) 10 Sep/sep 1999 (10.09.1999)

(25) ja (26) ja

(30) 10/258136 11 Sep/sep 1998 JP
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • GAS IDENTIFICATION SYSTEM
- SYSTEME D'IDENTIFICATION DE GAZ

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). THE HIGH PRESSURE GAS SAFETY INSTITUTE OF JAPAN [JP/JP]; 3-9, Toranomon 4-chome, Minato-ku, Tokyo 105-0001 (JP).

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(72, 75) NAWA, Motoyuki [JP/JP]; 13-61, Shikanodai Higashi 1-chome, Ikoma-shi, Nara 630-0112 (JP). NAGAOKA, Yukio [JP/JP]; 5-20-25, Saganakadai, Kizucho, Soraku-gun, Kyoto 619-0223 (JP). NANBA, Mitsuo [JP/JP]; Shiihaihitsu I-401, 1380, Yamazaki-machi, Machida-shi, Tokyo 195-0074 (JP).

(74) YAMAMOTO, Shusaku; Crystal Tower, 15th floor, 2-27, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-6015 (JP).

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

(51)⁷ G01N 29/02, 33/00

(11) WO 00/16091 (13) A1

(21) PCT/US99/19890

(22) 3 Sep/sep 1999 (03.09.1999)

(25) en (26) en

(30) 09/151,747 11 Sep/sep 1998 US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • CHEMICAL SENSOR ARRAY

• RESEAU DE CAPTEURS CHIMIQUES

(71) **FEMTOMETRICS, INC.** [US/US]; Suite B, 17252 Armstrong Avenue, Irvine, CA 92614 (US).

(72) **BOWERS, William, D.**; 17 Wild Goose Court, Newport Beach, CA 92663 (US). **BAHRAMI, Frank**; 23436 Caminito Lazaro, Laguna Hills, CA 92653 (US). **TRAN, John**; 17571 Berlarck Circle, Huntington Beach, CA 92649 (US).

(74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson & Bear, 16th floor, 620 Newport Center Drive, Newport Beach, CA 92660-8016 (US).

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

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(51)⁷ G01N 29/04

(11) **WO 00/16092** (13) A2

(21) PCT/IB99/01527

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 98 052 430 **11 Sep/sep 1998** CO
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ENERGETIC QUANTIFICATION METHOD FOR COMPOSITE MATERIALS
• TECHNIQUE DE QUANTIFICATION ENERGETIQUE DE MATERIAUX COMPOSITES

(71) **SIKA AG, VORM. KASPAR WINKLER & CO.** [CH/CH]; Tüffenwies 16-22, CH-8048 Zürich (CH).

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(72, 75) **BOLLATI, Marcos Ruben** [ES/ES]; Calle Pena Sacra No. 30, E-28260 Galapagar (ES).

(74) **E. BLUM & CO.**; Vorderberg 11, CH-8044 Zürich (CH).

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

(51)⁷ G01N 31/00

(11) **WO 00/16093** (13) A1

(21) PCT/IT99/00289

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) it (26) en

(30) VC98A000012 **16 Sep/sep 1998** IT
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • USE OF BATHOCUPROINE FOR THE EVALUATION OF THE ANTIOXIDANT POWER IN LIQUIDS AND SOLUTIONS

• UTILISATION DE LA BATHOCUPROINE POUR EVALUER LE POUVOIR ANTIOXYDANT DE LIQUIDES ET SOLUTIONS

(71) **MED.DIA S.R.L.** [IT/IT]; Via Allievo, 1, I-13047 San Germano Vercellese (IT).
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(72, 75) **DA CRUZ, Giuseppe** [IT/IT]; Via Allievo, 1, I-13047 San Germano Vercellese (IT).

(74) **SARPI, Maurizio**; Ing. Ivo Jacobacci & C. S.R.L., Via R. Cadorna, 29, I-00187 Roma (IT).

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

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(51)⁷ G01N 31/00, 21/75, 33/68, 33/52

(11) **WO 00/16094** (13) A1

(21) PCT/JP99/04933

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) ja (26) ja

(30) 10/256839 **10 Sep/sep 1998** JP
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD OF DETECTING THIOL-CONTAINING COMPOUND
• PROCEDE DE DETECTION D'UN COMPOSE CONTENANT DU THIOL

(71) **FUJI PHOTO FILM CO., LTD.** [JP/JP]; 210 Nakanuma, Minami-ashigara-shi, Kanagawa 250-0193 (JP).
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(72, 75) **NEMORI, Ryoichi** [JP/JP]; Fuji Photo Film Co., Ltd., Ashigara Research Laboratories, 210 Nakanuma, Minami-ashigara-shi, Kanagawa 250-0193 (JP). **NISHIGAKI, Junji** [JP/JP]; Fuji Photo Film Co., Ltd.,

Ashigara Research Laboratories, 210 Nakanuma, Minami-ashigara-shi, Kanagawa 250-0193 (JP). **TAMURA, Yutaka** [JP/JP]; Fuji Photo Film Co., Ltd., Ashigara Research Laboratories, 210 Nakanuma, Minami-ashigara-shi, Kanagawa 250-0193 (JP).

(74) **IMAMURA, Masazumi** et al. / etc.; KRF Building, 5th Floor, 5-5, Kyobashi 1-chome, Chuo-ku, Tokyo 104-0031 (JP).

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

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(51)⁷ G01N 33/00

(11) **WO 00/16095** (13) A1

(21) PCT/DK99/00479

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) PA 1998 01145 **10 Sep/sep 1998** DK
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD AND APPARATUS FOR PRODUCING A GAS HAVING A CONTROLLED RELEASE

• PROCEDE DE PRODUCTION D'UN GAZ A LIBERATION CONTROLEE ET APPAREIL CORRESPONDANT

(71) **FLS MILJØ A/S** [DK/DK]; Ramsingsvej 30, DK-2500 Valby (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **IVERSEN, Steen, Brummerstedt** [DK/DK]; Gøngehusvej 117, DK-2950 Vedbæk (DK).

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

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

- (51)⁷ G01N 33/00
(11) WO 00/16096 (13) A1
(21) PCT/GB99/02870
(22) 14 Sep/sep 1999 (14.09.1999)
(25) en (26) en
(30) 9820009.0 14 Sep/sep 1998 GB (14.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • ARTIFICIAL OLFACTORY SENSING SYSTEM
• SYSTEME ARTIFICIEL DE DETECTION OLFACTIVE
- (71) THE MINISTER OF AGRICULTURE, FISHERIES & FOOD IN HER BRITANNIC MAJESTY'S GOVERNMENT OF THE UNITED KINGDOM AND NORTHERN IRELAND Ministry of Agriculture, Fisheries & Food [GB/GB]; Noble House, 17 Smith Square, London SW1P 3JR (GB).
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- (72, 75) COOPER, Jonathan [GB/GB]; Dept. of Electronics and Electrical, Engineering, University of Glasgow, Glasgow G12 8QQ (GB).
- (74) McCALLUM, William, Potter et al. / etc.; Cruikshank & Fairweather, 19 Royal Exchange Square, Glasgow G1 3AE (GB).
- (81) AU CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ G01N 33/00, B01D 53/34
(11) WO 00/16097 (13) A1
(21) PCT/PL99/00030
(22) 7 Sep/sep 1999 (07.09.1999)
(25) de (26) de
(30) P.328523 11 Sep/sep 1998 PL (11.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • METHOD AND DEVICE FOR ELIMINATING IMPURITIES FROM THE ATMOSPHERE, ESPECIALLY IN CASE OF BREAKDOWNS
• PROCEDE ET DISPOSITIF PERMETTANT D'ELIMINER LES POLLUANTS DANS L'ATMOSPHERE EN PARTICULIER EN CAS D'INCIDENTS
- (71, 72) WRZESKI, Łucjan [PL/PL]; ul. Połomińska 9 B, PL-40-585 Katowice (PL). WRZESKA, Jolanta [PL/PL]; ul. Połomińska 9 B, PL-40-585 Katowice (PL). WRZESKI, Robert [PL/PL]; ul. Ziółowa 6/2, PL-40-634 Katowice (PL). WRZESKI, Damian [PL/PL]; ul. Połomińska 9 B, PL-40-585 Katowice (PL). WRZESKA, Maria [PL/PL]; ul. Połomińska 9 B, PL-40-585 Katowice (PL).
- (81) AU BR CA CN IL JP MX US ZA ZW; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ G01N 33/50, C12Q 1/02, 1/66
(11) WO 00/16098 (13) A1
(21) PCT/US99/21581
(22) 17 Sep/sep 1999 (17.09.1999)
(25) en (26) en
(30) 60/100,914 17 Sep/sep 1998 US (17.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • COMPOSITE DEVICES INCORPORATING BIOLOGICAL MATERIAL AND METHODS
• DISPOSITIFS COMPOSITES INCORPORANT UN MATERIAU BIOLOGIQUE, ET PROCEDES
- (71) REGENTS OF THE UNIVERSITY OF MINNESOTA [US/US]; 100 Church Street Southeast, Minneapolis, MN 55455 (US).
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- (72, 75) LYNGBERG, Olav, K. [US/US]; Apartment 10, 1022 Manvel Street, St. Paul, MN 55114 (US). FLICKINGER, Michael, C. [US/US]; 2226 Scudder Avenue, St. Paul, MN 55108 (US). SCRIVEN, L., E., Edward, II [US/US]; 2044 Cedar Lake Parkway, Minneapolis, MN 55416 (US). ANDERSON, Ron [US/US]; 13645 Garrett Avenue, Apple Valley, MN 55124 (US).
- (74) MUETING, Ann, M.; Mueting, Raasch & Gebhardt, P.A., P.O. Box 581415, Minneapolis, MN 55458-1415 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ G01N 33/53, 33/536, 23/00, 33/00, C12Q 1/37, C07C 229/00, C07D 311/82
(11) WO 00/16100 (13) A1
(21) PCT/US99/21177
(22) 13 Sep/sep 1999 (13.09.1999)
(25) en (26) en
(30) 60/099,847 11 Sep/sep 1998 US (11.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • METHODS FOR IDENTIFYING HOT-SPOT RESIDUES OF BINDING PROTEINS AND SMALL COMPOUNDS THAT BIND TO THE SAME
• PROCEDES D'IDENTIFICATION POUR RESIDUS DE POINT CHAUD DE PROTEINES DE LIAISON ET PETITS COMPOSES SE LIANT A CES PROTEINES
- (71) THERMAPHORE SCIENCES, INC. [US/US]; 12 East 49th Street, New York, NY 10017 (US).
- (72) WOODS, Virgil, L., Jr.; 2920 Union Street, #103, San Diego, CA 92103 (US).
- (74) GISOLFI, Ann, L. et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ G01N 33/543
(11) WO 00/16101 (13) A2
(21) PCT/US99/20914

- (22) **10 Sep/sep 1999 (10.09.1999)**
 (25) en (26) en
 (30) 09/151,877 **11 Sep/sep 1998** US
(11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • TARGET ANALYTE SENSORS UTILIZING MICROSPHERES
 • DETECTEURS DE SUBSTANCES CIBLEES A ANALYSER METTANT EN APPLICATION DES MICROSPHERES
- (71) **TRUSTEES OF TUFTS COLLEGE** [US/US]; 136 Harrison Avenue, Boston, MA 02111 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WALT, David, R.** [US/US]; 4 Candlewick Close, Lexington, MA 02178 (US).
MICHAEL, Karri, L. [US/US]; 77 Partridge Avenue, Somerville, MA 02145 (US).
- (74) **BREZNER, David, J.** et al. / etc.; Flehr, Hohbach, Test, Albritton & Herbert LLP, Suite 3400, 4 Embarcadero Center, San Francisco, CA 94111-4187 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **G01N 33/566, A61K 39/395**
 (11) **WO 00/16102** (13) A1
 (21) PCT/FR99/02165
 (22) **10 Sep/sep 1999 (10.09.1999)**
 (25) fr (26) fr
 (30) 98/11372 **11 Sep/sep 1998** FR
(11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • CONTROL OF THE ACTIVITY TRANSMITTED BY A TYROSINE KINASE RECEPTOR
 • LE CONTROLE DE L'ACTIVITE TRANSMISE PAR UN RTK
- (71) **INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (I.N.S.E.R.M.)** [FR/FR]; 101, rue de Tolbiac, F-75654 Paris Cedex 13 (FR). **INSTITUT CURIE** [FR/FR]; 26, rue d'Ulm, F-75248 Paris Cedex 05 (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DAËRON, Marc** [FR/FR]; 2 Square Jean Racine, F-78460 Chevreuse (FR).
FRIDMAN, Wolf, Herman [FR/FR]; 27, rue Berthollet, F-75005 Paris (FR).
MALBEC, Odile [FR/FR]; 7 rue George Sand, F-92500 Rueil Malmaison (FR).
- (74) **ARMENGAUD, Alain** et al. / etc.; Cabinet Armengaud Ainé, 3, avenue Bugeaud, F-75116 Paris (FR).
- (81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **G01N 33/68, 33/566, C07K 16/28**
 (11) **WO 00/16103** (13) A1
 (21) PCT/FR99/02145
 (22) **9 Sep/sep 1999 (09.09.1999)**
 (25) fr (26) fr
 (30) 98/11456 **10 Sep/sep 1998** FR
(10.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD FOR DETECTING OR QUANTIFYING BASOPHILS AND EOSINOPHILS
 • PROCEDE DE DETECTION OU DE QUANTIFICATION DES BASOPHILES ET DES EOSINOPHILES
- (71) **IMMUNOTECH** [FR/FR]; 130, avenue De-Lattre-de-Tassigny, B.P. 177, F-13276 Marseille Cedex 9 (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MONTERO JULIAN, Félix, A.** [FR/FR]; 6, rue Marie Louise, Le Marie Louise Bât C, F-13008 Marseille (FR).
MOREL MONTERO, Anne, M. [FR/FR]; 6, rue Marie Louise, Le Marie Louise Bât C, F-13008 Marseille (FR).
BRAILLY, Hervé [FR/FR]; l'Amandière Le Clos, F-13360 Roquevaire (FR).
DELAAGE, Michel [FR/FR]; 16 rue Adophe Thiers, F-13001 Marseille (FR).
- (74) **RINUY, SANTARELLI**; 14, avenue de la Grande Armée, Boîte postale 237, F-75822 Paris Cedex 17 (FR).
- (81) AU CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁶ **G01N 35/00, B01J 19/16**
 (11) **WO 00/16104** (13) A1
 (21) PCT/JP99/04906
 (22) **9 Sep/sep 1999 (09.09.1999)**
 (25) ja (26) ja
 (30) 10/260408 **14 Sep/sep 1998** JP
(14.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • AIR SHUTOFF AGENT FOR AQUEOUS REAGENT AND AQUEOUS SPECIMEN, AND METHOD FOR STORING AQUEOUS REAGENT AND AQUEOUS SPECIMEN WITH STABILITY
 • AGENT AEROPHOBIE POUR REACTIFS AQUEUX ET SUBSTANCES AQUEUSES, ET PROCEDE DE STOCKAGE STABLE DE CES REACTIFS ET SUBSTANCES
- (71) **DAIICHI PURE CHEMICALS CO., LTD.** [JP/JP]; 13-5, Nihombashi 3-chome, Chuo-ku, Tokyo 103-0027 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SEKIGUCHI, Masahiro** [JP/JP]; Daiichi Pure Chemicals Co., Ltd., 3-1, Koyodai 3-chome, Ryugasaki-shi, Ibaraki 301-0852 (JP).
ABE, Toshikatsu [JP/JP]; Daiichi Pure Chemicals Co., Ltd., 3-1, Koyodai 3-chome, Ryugasaki-shi, Ibaraki 301-0852 (JP).
USHIZAWA, Koji [JP/JP]; Daiichi Pure Chemicals Co., Ltd., 3-1, Koyodai 3-chome, Ryugasaki-shi, Ibaraki 301-0852 (JP).
- (74) **ONO, Nobuo**; Kanda SK Building, 6F, 3-22, KandaSakuma-cho, Chiyoda-ku, Tokyo 101-0025 (JP).
- (81) AU CA CN KR NO US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **G01P 1/00**
 (11) **WO 00/16105** (13) A1
 (21) PCT/GB99/03026
 (22) **13 Sep/sep 1999 (13.09.1999)**
 (25) en (26) en
 (30) 9819817.9 **12 Sep/sep 1998** GB
(12.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • FORMATION OF A BRIDGE IN A MICRO-DEVICE
 • FORMATION D'UN PONT DANS UN MICRODISPOSITIF
- (71) **THE SECRETARY OF STATE FOR DEFENCE DEFENCE EVALUATION AND RESEARCH AGENCY** [GB/GB]; Farnborough, Hampshire GU14 0LX (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MCNIE, Mark, Edward** [GB/GB]; DERA Malvern, St. Andrews Road, Malvern, Worcestershire WR14 3PS (GB).
- (74) **LAWRENCE, John**; Barker Brettell, 138 Hagley Road, Edgbaston, Birmingham B16 9PW (GB).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **G01R 1/067, 31/02, H05K 3/00**
 (11) **WO 00/16106** (13) A1
 (21) PCT/JP99/04928
 (22) **8 Sep/sep 1999 (08.09.1999)**

- (25) ja (26) ja
(30) 10/256313 **10 Sep/sep 1998** JP
(10.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • CHECKER HEAD AND METHOD OF MANUFACTURING THE CHECKER HEAD
• TETE VERIFICATRICE ET SON PROCEDE DE FABRICATION
(71) **IBIDEN CO., LTD.** [JP/JP]; 1, Kanda-cho 2-chome, Ogaki-shi, Gifu 503-0917 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **OHNO, Shinji** [JP/JP]; Ibsiden Co., Ltd. Press Engineering Operation, 300, Aoyanagi-cho, Ogaki-shi, Gifu 503-0961 (JP).
(81) CN US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁶ **G01R 1/073, 31/26, H01L 21/66**
(11) **WO 00/16107** (13) A1
(21) PCT/JP98/04158
(22) **16 Sep/sep 1998 (16.09.1998)**
(25) ja (26) ja
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • METHOD FOR MANUFACTURING SUBSTRATE FOR INSPECTING SEMICONDUCTOR DEVICE
• PROCEDE DE FABRICATION D'UN SUBSTRAT D'INSPECTION D'UN DISPOSITIF A SEMI-CONDUCTEURS
(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **KANAMARU, Masatoshi** [JP/JP]; Mechanical Engineering Research Laboratory, Hitachi, Ltd., 502, Kandatsumachi, Tsuchiura-shi, Ibaraki 300-0013 (JP). **HOSOGANE, Atsushi** [JP/JP]; Mechanical Engineering Research Laboratory, Hitachi, Ltd., 502, Kandatsumachi, Tsuchiura-shi, Ibaraki 300-0013 (JP). **ENDO, Yoshishige** [JP/JP]; Mechanical Engineering Research Laboratory, Hitachi, Ltd., 502, Kandatsumachi, Tsuchiura-shi, Ibaraki 300-0013 (JP). **KOUNO, Ryuji** [JP/JP]; Mechanical Engineering Research Laboratory, Hitachi, Ltd., 502, Kandatsumachi, Tsuchiura-shi, Ibaraki 300-0013 (JP). **MIURA, Hideo** [JP/JP]; Mechanical Engineering Research Laboratory, Hitachi, Ltd., 502, Kandatsumachi, Tsuchiura-shi, Ibaraki 300-0013 (JP). **TANAKA, Shinji** [JP/JP]; Mechanical Engineering Research Laboratory, Hitachi, Ltd., 502, Kandatsumachi, Tsuchiura-shi, Ibaraki 300-0013 (JP). **ARIGA, Akihiko** [JP/JP]; Semiconductor & Integrated Circuits Division, Hitachi, Ltd., 20-1, Jousuihoncho 5-chome, Kodaira-shi, Tokyo 187-0022 (JP). **BAN, Naoto** [JP/JP]; Semiconductor & Integrated Circuits Division, Hitachi, Ltd., 20-1, Jousuihoncho 5-chome, Kodaira-shi, Tokyo 187-0022 (JP). **AOKI, Hideyuki** [JP/JP]; Semiconductor & Integrated Circuits Division, Hitachi, Ltd., 20-1, Jousuihoncho 5-chome, Kodaira-shi, Tokyo 187-0022 (JP).
(74) **OGAWA, Katsuo**; Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220 (JP).
(81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁶ **G01R 19/165, 31/36, B60L 3/00**
(11) **WO 00/16108** (13) A1
(21) PCT/JP99/04995
(22) **13 Sep/sep 1999 (13.09.1999)**
(25) ja (26) ja
(30) 10/258295 **11 Sep/sep 1998** JP
(11.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • BATTERY VOLTAGE DETECTOR
• DETECTEUR DE TENSION DE BATTERIE
(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). **TOYOTA JIDOSHA KABUSHIKI KAISHA** [JP/JP]; 1, Toyota-cho, Toyota-shi, Aichi 471-0826 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **TAKADA, Masahiro** [JP/JP]; Panasonic EV Energy Co., Ltd., 555, Sakaijuku, Kosai-shi, Sizuoka 431-0452 (JP). **TAMESUE, Kazuhiko** [JP/JP]; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). **TORII, Yuji** [JP/JP]; Panasonic EV Energy Co., Ltd., 555, Sakaijuku, Kosai-shi, Sizuoka 431-0452 (JP).
(74) **ISHIHARA, Masaru**; Tatsuno Nishi-tenma Building, 5th floor, 1-6, Nishi-tenma 3-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).
(81) CN US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **G01R 21/133**
(11) **WO 00/16109** (13) A1
(21) PCT/EP99/06771
(22) **13 Sep/sep 1999 (13.09.1999)**
(25) de (26) de
(30) 198 42 241.5 **15 Sep/sep 1998** DE
(15.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • ELECTRICITY METER AND AN INPUT MODULE FOR AN ELECTRICITY METER
• COMPTEUR ELECTRIQUE ET MODULE D'ENTREE POUR COMPTEUR ELECTRIQUE
(71) **SIEMENS METERING AG** [CH/CH]; CH-6301 Zug (CH).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **DE VRIES, Jacob** [CH/CH]; Winzrüti 37, CH-6319 Allenwinden (CH). **SCHALLER, Michel** [CH/CH]; Weinbergstrasse 7, CH-6340 Baar (CH). **JEKER, Erich** [CH/CH]; Weinbergstrasse 1, CH-6340 Baar (CH).
(81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
Published / Publiée : (c)
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- (51)⁷ **G01R 29/24**
(11) **WO 00/16110** (13) A1
(21) PCT/EP99/06716
(22) **10 Sep/sep 1999 (10.09.1999)**
(25) de (26) de
(30) 198 41 308.4 **10 Sep/sep 1998** DE
(10.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • DEVICE AND METHOD FOR CONVERTING A CHARGE-FLOW INTO A FREQUENCY SIGNAL
• DISPOSITIF ET PROCEDE POUR CONVERTIR UN FLUX DE CHARGE EN UN SIGNAL DE FREQUENCE
(71) **GESELLSCHAFT FÜR SCHWERIONENFORSCHUNG MBH** [DE/DE]; Planckstrasse 1, D-64291 Darmstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **BADURA, Eugen** [DE/DE]; Planckstrasse 1, D-64291 Darmstadt (DE).
(74) **BOETERS, Hans, D.** et al. / etc.; Boeters & Bauer, Bereiteranger 15, D-81541 München (DE).
(81) JP RU US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
Published / Publiée : (c)
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- (51)⁷ **G01R 31/02**
(11) **WO 00/16111** (13) A1
(21) PCT/FI99/00754
(22) **14 Sep/sep 1999 (14.09.1999)**
(25) en (26) en
(30) 981990 **15 Sep/sep 1998** FI
(15.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • METHOD AND APPARATUS FOR MEASURING
• TECHNIQUE ET APPAREIL DE MESURE
(71) **NOKIA NETWORKS OY** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **ISKANIUS, Matti** [FI/FI]; Kallenkuja 4 as. 11, FIN-90500 Oulu (FI).

(74) **PATENTTITOIMISTO TEKNOPOUS KOLSTER OY**; C/O Kolster Oy Ab, Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁶ **G01R 31/08, G06F 11/00**

(11) **WO 00/16112** (13) A1

(21) PCT/US99/20935

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) 09/152,008 **11 Sep/sep 1998 US (11.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD AND MESSAGE THEREFOR OF MONITORING THE SPARE CAPACITY OF A DRA NETWORK
• PROCEDE ET MESSAGE CORRESPONDANT SERVANT A CONTROLER LA CAPACITE DE RESERVE D'UN RESEAU POURVU D'UN ALGORITHME DE RETABLISSEMENT DISTRIBUE

(71) **MCI WORLDCOM, INC.** [US/US]; 515 East Amite Street, Jackson, MS 39201 (US).

(72) **BANIEWICZ, Paul, T.**; 1705 Falmouth Drive, Plano, TX 75025 (US). **BRIMMAGE, Ashley, W.**; 1111 Willow Lane #3204, Farmersville, TX 75442 (US). **ALAGAR, Sridhar**; 3655 Pruneridge Avenue #63, Santa Clara, CA 95051 (US). **BADT, Sig, H., Sr.**; 302 Trailridge, Richardson, TX 75081 (US). **ELLEFSON, Frederick, R.**; 1001 Belvedere Court, Allen, TX 75013 (US). **McGLADE, Bryan, J.**; 1 Rochester Street, Kew, VIC 3101 (AU). **BENGSTON, Lee, Dennis**; 175 Moonlight Drive, Murphy, TX 75094 (US).

(74) **GROLZ, Edward, W.**; Scully, Scott, Murphy & Presser, 400 Garden City Plaza, Garden City, NY 11530 (US).

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

(51)⁶ **G01R 31/08, G06F 11/00**

(11) **WO 00/16113** (13) A1

(21) PCT/US99/20936

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) 09/152,007 **11 Sep/sep 1998 US (11.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • SYSTEM AND METHOD FOR RESTRICTED REUSE OF INTACT PORTIONS OF FAILED PATHS IN A TELECOMMUNICATIONS NETWORK
• SYSTEME ET PROCEDE DE REUTILISATION RESERVEE DE PARTIES INTACTES DE TRAJETS DEFECTUEUX DANS UN RESEAU DE TELECOMMUNICATIONS

(71) **MCI WORLDCOM, INC.** [US/US]; 515 East Amite Street, Jackson, MS 39201 (US).

(72) **BANIEWICZ, Paul, T.**; 1705 Falmouth Drive, Plano, TX 75025 (US). **ALAGAR, Sridhar**; 3655 Pruneridge Avenue #63, Santa Clara, CA 95051 (US). **McGLADE, Bryan, J.**; 1 Rochester Street, Kew, VIC 3101 (AU). **BADT, Sig, H., Sr.**; 302 Trailridge, Richardson, TX 75081 (US). **BRIMMAGE, Ashley, W.**; 1111 Willow Lane #3204, Farmersville, TX 75442 (US). **ELLEFSON, Frederick, R.**; 1001 Belvedere Court, Allen, TX 75013 (US).

(74) **GROLZ, Edward, W.**; Scully, Scott, Murphy & Presser, 400 Garden City Plaza, Garden City, NY 11530 (US).

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

(51)⁶ **G01R 31/08, H04L 1/00, H04B 3/38**

(11) **WO 00/16114** (13) A1

(21) PCT/US99/20943

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) 09/151,320 **11 Sep/sep 1998 US (11.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • SYSTEM AND METHOD FOR RESTRICTED REUSE OF INTACT PORTIONS OF FAILED PATHS
• SYSTEME ET PROCEDE POUR L'UTILISATION RESTREINTE DE PARTIES INTACTES DE VOIES DEFAILLANTES

(71) **MCI WORLDCOM, INC.** [US/US]; 515 East Amite Street, Jackson, MS 39201 (US).

(72) **BANIEWICZ, Paul, T.**; 1705 Falmouth Drive, Plano, TX 75025 (US). **ALAGAR, Sridhar**; 3655 Pruneridge Avenue, #63, Santa Clara, CA 95051 (US). **McGLADE, Bryan, J.**; 1 Rochester Street, Kew, VIC 3101 (AU). **BADT, Sig, H., Sr.**; 302 Trailridge, Richardson, TX 75081 (US). **BRIMMAGE, Ashley, W.**; 1111 Willow Lane, #3204, Farmersville, TX 75442 (US). **ELLEFSON, Frederick, R.**; 1001 Belvedere Court, Allen, TX 75013 (US).

(74) **GROLZ, Edward, W.**; Scully, Scott, Murphy & Presser, 400 Garden City Plaza, Garden City, NY 11530 (US).

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

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(51)⁷ **G01R 31/36**

(11) **WO 00/16115** (13) A1

(21) PCT/US99/20955

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 09/153,606 **15 Sep/sep 1998 US (15.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • APPARATUS AND METHOD FOR DETERMINING THE CAPACITY OF A NICKEL-CADMIUM BATTERY
• DISPOSITIF ET PROCEDE DE DETERMINATION DE LA CAPACITE D'UNE BATTERIE NICKEL-CADMIUM

(71) **ALLIEDSIGNAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

(72) **PALANISAMY, Thirumalai, G.**; 14 Canterbury Way, Morristown, NJ 07960 (US). **SINGH, Harmohan**; 35 Sherbrook Drive, Rockaway, NJ 07866 (US). **PATEL, Alpesh**; 13 Queen Street, Parsippany, NJ 07054 (US). **RUDAI, Patrick, M.**; 602 Paulison Avenue, Clifton, NJ 07011 (US).

(74) **CRISS, Roger, H.** et al. / etc.; AlliedSignal Inc. (Law Dept., Attn: A. Olinger), 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

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

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(51)⁷ **G01R 33/383**

(11) **WO 00/16116** (13) A1

(21) PCT/GB99/02778

(22) **23 Aug/août 1999 (23.08.1999)**

(25) en (26) en

(30) 9819740.3 **11 Sep/sep 1998 (11.09.1998)** GB

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • TEMPERATURE STABILISATION OF PERMANENT MAGNET ASSEMBLIES IN AN MRI APPARATUS

• STABILISATION DE LA TEMPERATURE D'ENSEMBLES AIMANTS PERMANENTS D'UN APPAREIL D'IRM

(71) **OXFORD MAGNET TECHNOLOGY LIMITED** [GB/GB]; Wharf Road, Eynsham, Witney, Oxon OX8 1BP (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KRUIP, Marcel, Jan, Marie** [NL/GB]; 4 Kineton Road, Oxford OX1 4PG (GB). **PARKER, Nicholas, David** [GB/GB]; Pineham House, 8 Percival Drive, Harbury CV33 9GZ (GB).

(74) **ALLEN, Derek**; Siemens Group Services Limited, Intellectual Property Dept., Siemens House, Oldbury, Bracknell, Berkshire RG12 8FZ (GB).

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

(51)⁷ **G01R 33/383**

(11) **WO 00/16117** (13) A1

(21) PCT/GB99/02779

(22) **23 Aug/août 1999 (23.08.1999)**

(25) en (26) en

(30) 9819724.7 **11 Sep/sep 1998 (11.09.1998)** GB

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • TEMPERATURE CONTROL FOR PERMANENT MAGNET SYSTEM

• REGULATION DE LA TEMPERATURE POUR UN SYSTEME A AIMANTS PERMANENTS

(71) **OXFORD MAGNET TECHNOLOGY LIMITED** [GB/GB]; Wharf Road, Eynsham, Witney, Oxon OX8 1BP (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KRUIP, Marcel, Jan, Marie** [NL/GB]; 4 Kineton Road, Oxford OX1 4PG (GB). **PARKER, Nicholas, David** [GB/GB]; Pineham House, 8 Percival Drive, Harbury CV33 9GZ (GB).

(74) **ALLEN, Derek**; Siemens Group Services Limited, Intellectual Property Dept., Siemens House, Oldbury, Bracknell, Berkshire RG12 8FZ (GB).

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

(51)⁷ **G01R 33/383**

(11) **WO 00/16118** (13) A1

(21) PCT/GB99/02782

(22) **23 Aug/août 1999 (23.08.1999)**

(25) en (26) en

(30) 9819694.2 **11 Sep/sep 1998 (11.09.1998)** GB

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • TEMPERATURE CONTROL SYSTEM FOR A PERMANENT MAGNETIC SYSTEM

• CIRCUIT DE REGULATION DE TEMPERATURE POUR SYSTEME A AIMANTS PERMANENTS

(71) **OXFORD MAGNET TECHNOLOGY LIMITED** [GB/GB]; Wharf Road, Eynsham, Witney, Oxon OX8 1BP (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KRUIP, Marcel, Jan, Marie** [NL/GB]; 4 Kineton Road, Oxford (GB). **PARKER, Nicholas, David** [GB/GB]; Pineham House, 8 Percival Drive, Harbury CV33 9GZ (GB). **DAVIS, Peter, Jonathan** [GB/GB]; 37 Norreys Avenue, Oxford OX1 4ST (GB).

(74) **ALLEN, Derek**; Siemens Group Services Limited, Intellectual Property Dept., Siemens House, Oldbury, Bracknell, Berkshire RG12 8FZ (GB).

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

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(51)⁶ **G01S 5/14**

(11) **WO 00/16119** (13) A1

(21) PCT/RU98/00286

(22) **15 Sep/sep 1998 (15.09.1998)**

(25) ru (26) ru

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR INCREASING INTERFERENCE IMMUNITY WHEN RECEIVING SIGNALS FROM SATELLITE NAVIGATION SYSTEMS AND DEVICE FOR REALISING THE SAME

• PROCEDE PERMETTANT D'ACCROITRE L'INSENSIBILITE AU BROUILLAGE LORS DE LA RECEPTION DE SIGNAUX PROVENANT DE SYSTEMES DE NAVIGATION PAR SATELLITE, ET DISPOSITIF DE MISE EN OEUVRE DE CE PROCEDE

(71) **SAMSUNG ELECTRONICS CO., LTD.** [KR/KR]; 416, Maetan - 3-dong, Paldal-ku, Suwon City, Gyungki-do (KR).
(for all designated States except / pour tous les États désignés sauf RU US)

(71) **ZAKRYTOE AKTSIONERNOE OBSHESTVO "KOTLIN FIRM"** [RU/RU]; Obvodny Kanal, 14, St.Petersburg, 193019 (RU).
(only for / seulement pour RU)

(72, 75) **ROG, Andrei Leonidovich** [RU/RU]; Otkrytoe shosse, 17-1-17, Moscow, 107143 (RU). **FEDOTOV, Boris Dmitrievich** [RU/RU]; Kazanskaya ul., 5-6, St.Petersburg, 195213 (RU).

(74) **ROSLOV, Vladimir Nikolaevich**; ul. Butlerova, 4-2-128, Moscow, 117485 (RU).

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

(51)⁶ **G01S 5/14, H03D 7/16**

(11) **WO 00/16120** (13) A1

(21) PCT/RU98/00287

(22) **15 Sep/sep 1998 (15.09.1998)**

(25) ru (26) ru

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • DEVICE FOR RECEIVING SIGNALS FROM SATELLITE RADIO-NAVIGATION SYSTEMS

• DISPOSITIF DE RECEPTION DE SIGNAUX PROVENANT DE SYSTEMES DE RADIONAVIGATION PAR SATELLITE

(71) **SAMSUNG ELECTRONICS COMPANY, LIMITED** [KR/KR]; 416, Maetan-3 Dong, Paldal-Ku, Suwon City, Gyungki-Do (KR).

(only for / seulement pour AT AU BE CH CN CY DE DK ES FI FR GB GR IE IT JP KR LU MC NL PT SE)

(71) **ZAKRYTOE AKTSIONERNOE OBSHESTVO "KOTLIN FIRM"** [RU/RU]; Obvodny kanal, 14, St.Petersburg, 193019 (RU).
(only for / seulement pour RU)

(72, 75) **NIKULIN, Vyacheslav Stepanovich** [RU/RU]; ul.B.Prokhovskaya, 54-1-95, St.Petersburg, 195248 (RU). **GALICHINA, Irina Evgenievna** [RU/RU]; ul.g-aya Krasnoarmeiskaya, 9-13, St.Petersburg (RU).

(74) **ROSLOV, Vladimir Nikolaevich**; ul.utlerova Street, 4-2-128, Moscow, 117485 (RU).

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

(51)⁷ G01S 5/16, G01P 9/00

(11) WO 00/16121 (13) A1

(21) PCT/SE99/01589

(22) 10 Sep/sep 1999 (10.09.1999)

(25) sv (26) en

(30) 9803102-4 11 Sep/sep 1998 SE
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • SYSTEM RELATING TO POSITIO-
NING IN A VIRTUAL STUDIO• SYSTEME DE POSITIONNEMENT
DANS UN STUDIO VIRTUEL(71) QUALISYS AB [SE/SE]; Drottninggatan
31, S-411 14 Göteborg (SE).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) MORANDER, Karl-Erik [SE/SE];
Skulltorpsvägen 26, S-433 41 Partille (SE).JÖNEBRATT, Anders [SE/DE]; Bahnhof-
strasse 26, D-82211 Herrsching (DE).(74) GÖTEBORGS PATENTBYRÅ DAHLS
AB; Sjöporten 4, S-417 64 Göteborg (SE).(81) AE AL AM AT AU AZ BA BB BG BR BY
CA CH CN CR CU CZ DE DK DM EE ES
FI GB GD GE GH GM HR HU ID IL IN IS
JP KE KG KP KR KZ LC LR LS LT LU LV
MD MG MK MN MW MX NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT
UA UG US UZ VN YU ZA ZW; AP (GH
GM KE LS MW SD SL SZ UG ZW); EA
(AM AZ BY KG KZ MD RU TJ TM); EP
(AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE); OA (BF BJ CF
CG CI CM GA GN GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ G01S 7/481, 17/10

(11) WO 00/16122 (13) A1

(21) PCT/SE99/01618

(22) 16 Sep/sep 1999 (16.09.1999)

(25) en (26) en

(30) 9803162-8 17 Sep/sep 1998 SE
(17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ELECTRONIC DISTANCE MEASU-
RING DEVICE• DISPOSITIF DE MESURE ELECTRO-
NIQUE DES DISTANCES(71) SPECTRA PRECISION AB [SE/SE]; P.O.
Box 64, S-182 11 Danderyd (SE).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) ANDERSSON, Leif [SE/SE]; El-
lagårdsvägen 43, S-187 45 Täby (SE).(74) FORSELL, G. et al. / etc.; Albihs
Patentbyrå Stockholm AB, P.O. Box 5581,
S-114 85 Stockholm (SE).(81) JP US; EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)⁷ G01S 15/10, 7/52, 7/527

(11) WO 00/16123 (13) A1

(21) PCT/US99/20479

(22) 9 Sep/sep 1999 (09.09.1999)

(25) en (26) en

(30) 09/150,251 10 Sep/sep 1998 US
(10.09.1998)(30) 09/288,058 7 Apr/avr 1999 US
(07.04.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • SYSTEMS AND PROCESSING ALGO-
RITHMS FOR ULTRASOUND TIME-
OF-FLIGHT DIGITIZER SYSTEMS• SYSTEMES ET ALGORITHMES DE
TRAITEMENT POUR SYSTEMES NU-
MERISEURS DE TEMPS DE VOL A
ULTRASONS(71) ELECTRONICS FOR IMAGING, INC.
[US/US]; 303 Velocity Way, Foster City, CA
94404 (US).(72) ZLOTER, Zahi; Hugo Hernst Street 3,
58856 Holon (IL). SHENHOLZ, Gideon;
Rothschild Boulevard 133, 61040 Tel Aviv
(IL). SERBER, Ron; Yohanan Street 10,
61040 Tel Aviv (IL).(74) GLENN, Michael, A. et al. / etc.; Glenn
Patent Group, 125 Lake Road, Portola Valley,
CA 94028 (US).(81) AL AM AT AU AZ BA BB BG BR BY CA
CH CN CU CZ DE DK EE ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG
KP KR KZ LC LK LR LS LT LU LV MD
MG MK MN MW MX NO NZ PL PT RO
RU SD SE SG SI SK SL TJ TM TR TT UA
UG UZ VN YU ZA ZW; AP (GH GM KE
LS MW SD SL SZ UG ZW); EA (AM AZ
BY KG KZ MD RU TJ TM); EP (AT BE
CH CY DE DK ES FI FR GB GR IE IT LU
MC NL PT SE); OA (BF BJ CF CG CI CM
GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G01S 15/58, G01F 1/66

(11) WO 00/16124 (13) A1

(21) PCT/NL99/00567

(22) 10 Sep/sep 1999 (10.09.1999)

(25) nl (26) en

(30) 1010061 10 Sep/sep 1998 NL
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • DETECTION OF VECTORIAL VELO-
CITY DISTRIBUTION• DETECTION DE LA DISTRIBUTION
D'UNE VITESSE VECTORIELLE(71) UNIVERSITEIT VAN MAASTRICHT
[NL/NL]; Universiteitssingel 50, NL-6229
ER Maastricht (NL).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) HOEKS, Arnoldus, Petrus, Gerar-
dus [NL/NL]; In de O 41, NL-6225 CHMaastricht (NL). LEDOUX, Léon, Ar-
mand, Franciscus [NL/NL]; Hoofdstraat
89, NL-6372 CR Landgraaf (NL).(74) GRIEBLING, O.; Exter Polak & Charlouis
B.V., P.O. Box 3241, NL-2280 GE Rijswijk
(NL).(81) JP US; EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE).(51)⁷ G01V 1/28

(11) WO 00/16125 (13) A1

(21) PCT/GB99/03039

(22) 13 Sep/sep 1999 (13.09.1999)

(25) en (26) en

(30) 9819910.2 11 Sep/sep 1998 GB
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD OF SEISMIC SIGNAL PRO-
CESSING

• TRAITEMENT DU SIGNAL SISMIQUE

(71) DEN NORSKE STATS OLJESELSKAP
AS [NO/NO]; N-4035 Stavanger (NO).*(for all designated States except / pour tous
les États désignés sauf US)*(71) REES, David, Christopher [GB/GB]; 20
Red Lion Street, London WC1R 4PJ (GB).
(only for / seulement pour IS)(72, 75) MELDAHL, Paul [NO/NO]; Dyre-
traakket 8, N-4033 Forus (NO). HEG-
GLAND, Roar [NO/NO]; Furras gt. 27,
N-4010 Stavanger (NO). DE GROOT,
P., F., M. [NL/NL]; Graafvorkhoek 16,
NL-7546 KK Enschede (NL). BRIL, A.,
H. [NL/NL]; Joke Smitlanden 50, NL-7542
VL Enschede (NL).(74) REES, David, Christopher et al. / etc.; Kil-
burn & Strode, 20 Red Lion Street, London
WC1R 4PJ (GB).(81) AL AM AT AU AZ BA BB BG BR BY CA
CH CN CR CU CZ DE DK DM EE ES FI
GB GE GH GM HR HU ID IL IS JP KE
KG KP KR KZ LC LK LR LS LT LU LV
MD MG MK MN MW MX NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT
UA UG US UZ VN YU ZW; AP (GH GM
KE LS MW SD SL SZ UG ZW); EA (AM
AZ BY KG KZ MD RU TJ TM); EP (AT
BE CH CY DE DK ES FI FR GB GR IE IT
LU MC NL PT SE); OA (BF BJ CF CG CI
CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G01V 1/30, 11/00, 3/38

(11) WO 00/16126 (13) A1

(21) PCT/US99/19913

(22) 31 Aug/août 1999 (31.08.1999)

(25) en (26) en

(30) 60/100,370 15 Sep/sep 1998 US
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • SYSTEM AND METHOD FOR DELINEATING SPATIALLY DEPENDENT OBJECTS, SUCH AS HYDROCARBON ACCUMULATIONS FROM SEISMIC DATA
• SYSTEME ET PROCEDE DE DELIMITATION D'OBJETS SPATIALEMENT DEPENDANTS, TELS QUE DES ACCUMULATIONS D'HYDROCARBURES, A PARTIR DE DONNEES SISMIIQUES
- (71) **SCIENTIFIC PREDICTION, INC.** [US/US]; Scientific Prediction Inc., P.O. Box 5243, Austin, TX 78763 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BUSH, Ronald, R.** [US/US]; Scientific Prediction, Inc., P.O. Box 5243, Austin, TX 78763 (US).
- (74) **JOHNSON, Bruce, A.**; Davis & Johnson, LLP, P.O. Box 1093, 4503 W. Hwy 290, Dripping Springs, TX 78620 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **G01V 1/36, 1/38**
- (11) **WO 00/16127** (13) A1
- (21) PCT/US99/19165
- (22) **23 Aug/août 1999 (23.08.1999)**
- (25) en (26) en
- (30) 09/151,366 **11 Sep/sep 1998 (11.09.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • AN IMPROVED METHOD OF DUAL WAVEFIELD REINFORCEMENT
• PROCEDE DE CONSOLIDATION AMELIORE DE CHAMPS D'ONDES DOUBLES
- (71) **PGS TENSOR, INC.** [US/US]; Suite 300, 10550 Richmond Avenue, Houston, TX 77042 (US).
- (72) **STARR, Joel**; 2107 Musket Ridge, Richmond, TX 77469 (US).
- (74) **ARNOLD, Gordon, T.**; Arnold & Associates, Suite 800, 2603 Augusta, Houston, TX 77057 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **G01V 1/40**
- (11) **WO 00/16128** (13) A1
- (21) PCT/US99/21802
- (22) **17 Sep/sep 1999 (17.09.1999)**
- (25) en (26) en
- (30) 09/154,910 **17 Sep/sep 1998 (17.09.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD AND APPARATUS FOR CREATING AN IMAGE OF AN EARTH BOREHOLE OR A WELL CASING
• PROCEDE ET APPAREIL SERVANT A PRODUIRE UNE IMAGE D'UN TROU DE FORAGE TERRESTRE OU D'UN TUBAGE DE Puits
- (71) **DRESSER INDUSTRIES, INC.** [US/US]; 2001 Ross Avenue, Dallas, TX 75201 (US).
- (72) **VARSAMIS, Georgios, L.**; 1430 Forest Home Drive, Houston, TX 77077 (US). **ARIAN, Abbas**; 11927 Wink Road, Houston, TX 77024 (US). **WISNIEWSKI, Laurence, T.**; 5314 Spartan Drive, Houston, TX 77041 (US).
- (74) **KAMMER, Mark, A.**; Kammer & Huff PLLC, Suite 304, 750 E. Mulberry, San Antonio, TX 78212 (US).
- (81) NO; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (51)⁶ **G01V 3/00**
- (11) **WO 00/16129** (13) A1
- (21) PCT/US99/20518
- (22) **8 Sep/sep 1999 (08.09.1999)**
- (25) en (26) en
- (30) 09/151,234 **10 Sep/sep 1998 (10.09.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • SYSTEM FOR MEASURING TISSUE SIZE AND MARBLING IN AN ANIMAL
• SYSTEME DE MESURE DE LA TAILLE ET DES MARBRURES DES TISSUS D'UN ANIMAL
- (71) **PHENO IMAGING, INC.** [US/US]; 4075 W. 120th Avenue, Broomfield, CO 80020 (US).
- (72) **ELLIS, James, S.**; 1790 Elmwood Street, Broomfield, CO 80020 (US).
- (74) **YOUNG, James, R.**; Law Office of James R. Young, Suite 15B, 11184 N. Huron Street, Denver, CO 80234 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **G01V 3/00**
- (11) **WO 00/16130** (13) A1
- (21) PCT/US99/21189
- (22) **14 Sep/sep 1999 (14.09.1999)**
- (25) en (26) en
- (30) 60/100,374 **15 Sep/sep 1998 (15.09.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • SLIDING INTERLEAVED PROJECTION RECONSTRUCTION
• RECONSTRUCTION PAR PROJECTION DE PLAQUES A CHEVAUCHEMENT COULISSANT
- (71) **UNIVERSITY OF UTAH RESEARCH FOUNDATION** [US/US]; 210 Park Building, University of Utah, Salt Lake City, UT 84112 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PARKER, Dennis, L.** [US/US]; 727 North 700 East, Centerville, UT 84014 (US). **ROBERTS, John, A.** [US/US]; 1111 East 400 South, Salt Lake City, UT 84102 (US).
- (74) **BOND, Laurence, B.** et al. / etc.; Trask, Britt & Rossa, P.O. Box 2550, Salt Lake City, UT 84110 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **G02B**
- (11) **WO 00/16131** (13) A2
- (21) PCT/US99/18090
- (22) **10 Aug/août 1999 (10.08.1999)**
- (25) en (26) en
- (30) 60/100,495 **16 Sep/sep 1998 (16.09.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • MULTICORE AND MULTIMODE DISPERSION MANAGED FIBERS
• FIBRES MULTIMODES ET MULTICONDUCTEURS A DISPERSION CONTROLÉE
- (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) **BHAGAVATULA, Venkata, A.** [IN/US]; 267 Orchard Drive, Big Flats, NY 14814 (US).

(74) **CHERVENAK, William, J.**; Patent Department, SP TI 3-1, Corning Incorporated, Corning, NY 14831 (US).

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

(51)⁷ **G02B 5/04, B60R 1/10, F21V 5/02**

(11) **WO 00/16132** (13) A1

(21) PCT/GB99/03052

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 9819946.6 **15 Sep/sep 1998 GB (15.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **PRISMATIC ARRAY FOR REAR VIEW MIRROR**
• **RESEAU PRISMATIQUE POUR RETROVISEUR**

(71, 72) **MILNER, Peter** [GB/GB]; 100D Leicester Road, Hinckley, Leicestershire LE10 1LU (GB).

(74) **BRYER, Kenneth, Robert**; K.R. Bryer & Co., 7 Gay Street, Bath BA1 2PH (GB).

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

(51)⁶ **G02B 5/18, 6/34**

(11) **WO 00/16133** (13) A1

(21) PCT/US99/15285

(22) **7 Jul/juil 1999 (07.07.1999)**

(25) en (26) en

(30) 09/144,431 **31 Aug/août 1998 US (31.08.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **A SPECTRALLY RESOLVED LIGHT SOURCE DE LUMIERE A RESOLUTION SPECTRALE**

(71) **ORIEL CORPORATION** [US/US]; 150 Long Beach Boulevard, P.O. Box 872, Stratford, CT 06497-0872 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DROZDOWICZ, Zbigniew, M.** [-/US]; 382 Timberlane Drive, Orange, CT 06477 (US).

(74) **WHITMYER, Wesley, W., Jr.** et al. / etc.; St. Onge Steward Johnston & Reens LLC, 986 Bedford Street, Stamford, CT 06905-5619 (US).

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

(51)⁶ **G02B 5/18**

(11) **WO 00/16134** (13) A1

(21) PCT/US99/20600

(22) **8 Sep/sep 1999 (08.09.1999)**

(25) en (26) en

(30) 09/151,128 **10 Sep/sep 1998 US (10.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **DIFFRACTION GRATING AND FABRICATION TECHNIQUE FOR SAME**
• **RESEAU DE DIFFRACTION ET TECHNIQUE DE FABRICATION CORRESPONDANTE**

(71) **CYMER, INC.** [US/US]; 16750 Via Del Campo Court, San Diego, CA 92127 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OZARSKI, Robert, G.** [US/US]; 13894 Lake Poway Road, Poway, CA 92064 (US).
CROWLEY, John, L. [US/US]; 33 River Vista Drive, Dayton, NV 89403 (US).

(74) **ROSS, John, R.**; Cymer, Inc., 16750 Via Del Campo Court, San Diego, CA 92127 (US).

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

(51)⁷ **G02B 5/32, G03H 1/02, G02F 1/1334**

(11) **WO 00/16135** (13) A1

(21) PCT/US99/21005

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 60/100,167 **14 Sep/sep 1998 US (14.09.1998)**

(30) 60/103,433 **6 Oct/oct 1998 US (06.10.1998)**

(30) 09/312,911 **17 May/mai 1999 US (17.05.1999)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **ELECTRICALLY SWITCHABLE HOLOGRAPHIC DISPLAY**
• **AFFICHEUR HOLOGRAPHIQUE A COMMUTATION ELECTRIQUE**

(71) **DIGILENS, INC.** [US/US]; 306 Potrero Avenue, Sunnyvale, CA 94086 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STOREY, John, J.** [GB/GB]; 66 Charlecote Drive, Wollaton, Nottinghamshire NG8 2SB (GB). **POPOVICH, Milan, M.** [GB/GB]; 53 Westfield Road, Leicester, Leicestershire LE3 6HU (GB). **WALDERN, Jonathan, D.** [GB/US]; 11491 Old Ranch Road, Los Altos Hills, CA 94024 (US). **WALSHE, Michael, D.** [GB/GB]; 12 Newton Street, Beeston, Nottinghamshire NG9 1FL (GB).

(74) **STEPHENSON, Eric, A.**; Conley, Rose & Tayon, P.C., 816 Congress Avenue, Suite 320, Austin, TX 78701-2443 (US).

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

Published / Publiée : (c)

(51)⁷ **G02B 5/32, G02F 1/1335, H04N 9/31**

(11) **WO 00/16136** (13) A1

(21) PCT/US99/21006

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 60/100,218 **14 Sep/sep 1998 US (14.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **HOLOGRAPHIC ILLUMINATION SYSTEM AND HOLOGRAPHIC PROJECTION SYSTEM**
• **SYSTEME D'ECLAIRAGE HOLOGRAPHIQUE ET SYSTEME DE PROJECTION HOLOGRAPHIQUE**

(71) **DIGILENS, INC.** [US/US]; 306 Potrero Avenue, Sunnyvale, CA 94086 (US).
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(72, 75) **STOREY, John, J.** [GB/GB]; 66 Charlecote Drive, Wollaton, Nottinghamshire NG8 2SB (GB). **POPOVICH, Milan, M.** [GB/GB]; 53 Westfield Road, Leicester, Leicestershire LE3 6HU (GB). **WALDERN, Jonathan, D.** [GB/US]; 1491 Old Ranch Road, Los Altos, CA 94024 (US).

(74) **STEPHENSON, Eric, A.**; Conley, Rose & Tayon, P.C., 816 Congress Avenue, Suite 320, Austin, TX 78701-2443 (US).

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

Published / Publiée : (c)

(51)⁶ G02B 6/00

(11) WO 00/16137 (13) A1

(21) PCT/JP99/04901

(22) 9 Sep/sep 1999 (09.09.1999)

(25) ja (26) ja

(30) 10/258680 11 Sep/sep 1998 JP (11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • OPTICAL FIBER CUTTER

• COUPE-FIBRE

(71) THE FURUKAWA ELECTRIC CO., LTD. [JP/JP]; 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAZAMA, Jyunichi [JP/JP]; The Furukawa Electric Co., Ltd., 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 (JP).

(74) KOBAYASHI, Masaharu; Daiichiazuma Building, 4-5, Iwamotocho 3-chome, Chiyoda-ku, Tokyo 101-0032 (JP).

(81) CA KR US; EP (DE FR GB).

(51)⁶ G02B 6/02, 6/10, 6/14, 6/16

(11) WO 00/16138 (13) A1

(21) PCT/AU99/00784

(22) 16 Sep/sep 1999 (16.09.1999)

(25) en (26) en

(30) PP 5964 16 Sep/sep 1998 AU (16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • IN-FIBRE OPTICAL ATTENUATOR
• ATTENUATEUR OPTIQUE INTERNE A LA FIBRE

(71) THE UNIVERSITY OF SYDNEY [AU/AU]; Parramatta Road, Sydney, NSW 2006 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STEPANOV, Dimitrii [AU/AU]; 7/126 Croyden Avenue, Croyden Park, NSW 2133 (AU). BRODZELI, Zourab [AU/AU]; 4/21 Monomeeth Street, Bexley, NSW 2207 (AU). GRAF, Andrew, John [AU/AU]; 6 Lincoln

Street, Stanmore, NSW 2048 (AU). CANNING, John [AU/AU]; 10 Francis Street, Carlton, NSW 2218 (AU).

(74) GRIFFITH HACK; GPO Box 4164, Sydney, NSW 2001 (AU).

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

(51)⁷ G02B 6/10, G02F 1/35, H04J 14/02

(11) WO 00/16139 (13) A2

(21) PCT/US99/20473

(22) 7 Sep/sep 1999 (07.09.1999)

(25) en (26) en

(30) 60/100,757 17 Sep/sep 1998 US (17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • CIRCULARLY POLARIZED FIBER IN OPTICAL CIRCUITS

• FIBRE A POLARISATION CIRCULAIRE POUR CIRCUITS OPTIQUES

(71) CORNING INCORPORATED AND REGENENTS OF THE UNIVERSITY OF MICHIGAN [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).

(72) ISLAM, Mohammed, N.; 2717 Holyoke Lane, Ann Arbor, MI 48103 (US). NOLAN, Daniel, A.; 28 Skyline Drive, Corning, NY 14830 (US).

(74) CHERVENAK, William, J.; Patent Department, SP TI 3-1, Corning Incorporated, Corning, NY 14831 (US).

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

(51)⁷ G02B 6/12, G02F 1/377

(11) WO 00/16140 (13) A1

(21) PCT/GB99/03055

(22) 14 Sep/sep 1999 (14.09.1999)

(25) en (26) en

(30) 9820024.9 14 Sep/sep 1998 GB (14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • FABRICATION OF OPTICAL WAVEGUIDES

• FABRICATION DE GUIDES D'ONDE OPTIQUES

(71) UNIVERSITY OF SOUTHAMPTON [GB/GB]; Highfield, Southampton, Hampshire SO19 1BJ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SMITH, Peter, George, Robin [GB/GB]; 38 Eight Acres, Romsey, Hampshire S051 5BQ (GB). ROSS, Graeme, William [GB/GB]; 35 Gladstone Place, Queen's Cross, Aberdeen AB10 6UX (GB). HANNA, David, Colin [GB/GB]; 346 Hill Lane, Shirley, Southampton, Hampshire SO15 7PH (GB). SHEPHERD, David, P. [GB/GB]; Flat 2, 116 Highfield Lane, Highfield, Southampton, Hampshire SO17 1NP (GB). GAWITH, Colin, Barry, Edmund [GB/GB]; 24 Upland Court Road, Harold Wood, Romford, Essex RM3 0TT (GB).

(74) TURNER, James, Arthur; D Young & Co., 21 New Fetter Lane, London EC4A 1DA (GB).

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

(51)⁶ G02B 6/22

(11) WO 00/16141 (13) A1

(21) PCT/US99/18089

(22) 10 Aug/août 1999 (10.08.1999)

(25) en (26) en

(30) 60/100,349 15 Sep/sep 1998 US (15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • WAVEGUIDES HAVING AXIALLY VARYING STRUCTURE

• GUIDES D'ONDES POSSEDANT UNE STRUCTURE VARIABLE AXIALE-MENT

(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) FAJARDO, James, C. [US/US]; 170 Wygant Road #11, Horseheads, NY 14845 (US). GRANGER, Gary, P. [US/US]; 14 Pond Crest, Painted Post, NY 14870 (US).

(74) CHERVENAK, William, J.; Patent Dept., SP TI 3-1, Corning Incorporated, Corning, NY 14831 (US).

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

(51)⁷ G02B 6/24

(11) WO 00/16142 (13) A2

(21) PCT/DE99/02862

(22) 3 Sep/sep 1999 (03.09.1999)

(25) de (26) de

(30) 198 43 188.0 14 Sep/sep 1998 DE
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • MULTI-CHANNEL OPTICAL COUPLING DEVICE
• DISPOSITIF DE COUPLAGE OPTIQUE A PLUSIEURS CANAUX

(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) SCHULZ, Klaus [DE/DE]; Im Domstift 39, D-12309 Berlin (DE). MELCHIOR, Lutz [DE/DE]; Philipp-Rauch-Strasse 56, D-12559 Berlin (DE).

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

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

(51)⁶ G02B 6/36

(11) WO 00/16143 (13) A1

(21) PCT/US99/18528

(22) 13 Aug/août 1999 (13.08.1999)

(25) en (26) en

(30) 60/100,004 11 Sep/sep 1998 US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • FIBER COUPLER VARIABLE OPTICAL ATTENUATOR
• ATTENUATEUR OPTIQUE VARIABLE A COUPLEUR DE FIBRES(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) DEBOYNTON, William, L. [US/US]; 13912 Hilo Lane, Santa Ana, CA 92705 (US). USCHITSKY, Michael [US/US]; Apartment 3A, 3700 Parkview Lane, Irvine, CA 92612 (US).

(74) GREENER, William; Patent Department, SP TI 3-1, Corning Incorporated, Corning, NY 14831 (US).

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

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(51)⁷ G02B 6/38

(11) WO 00/16144 (13) A1

(21) PCT/DE99/01944

(22) 1 Jul/juil 1999 (01.07.1999)

(25) de (26) de

(30) 198 41 486.2 10 Sep/sep 1998 DE
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • DEVICE AND METHOD FOR MECHANICALLY AND OPTICALLY CONNECTING OPTICAL FIBERS

• DISPOSITIF ET PROCÉDE POUR LA CONNEXION MECANIQUE ET OPTIQUE DE GUIDES D'ONDES LUMINEUSES

(71) SIEMENS ELECTROMECHANICAL COMPONENTS GMBH & CO. KG [DE/DE]; Gustav-Heinemann-Ring 212, D-81739 München (DE).

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

(72, 75) HECKEL, Werner [DE/DE]; Obere Langgasse 20, D-67346 Speyer (DE).

(74) SIEMENS ELECTROMECHANICAL COMPONENTS GMBH & CO. KG; Postfach 22 13 17, D-80503 München (DE).

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

(51)⁷ G02B 6/38

(11) WO 00/16145 (13) A1

(21) PCT/US99/20120

(22) 1 Sep/sep 1999 (01.09.1999)

(25) en (26) en

(30) 09/152,405 14 Sep/sep 1998 US
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • FIBER CONNECTOR AND ADAPTER
• CONNECTEUR ET ADAPTEUR DE FIBRES

(71) ADC TELECOMMUNICATIONS, INC. [US/US]; 12501 Whitewater Drive, Minnetonka, MN 55343 (US).

(72) LU, Liang-Ju; 15815 Scenic Heights Road, Eden Prairie, MN 55344 (US).

(74) BRUESS, Steven, C.; Merchant & Gould P.C., 3100 Norwest Center, 90 South Seventh Street, Minneapolis, MN 55402-4131 (US).

(81) AE AL AM AT AU (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁶ G02B 6/44

(11) WO 00/16146 (13) A1

(21) PCT/CZ98/00043

(22) 2 Nov/nov 1998 (02.11.1998)

(25) en (26) en

(30) PV 2896-98 11 Sep/sep 1998 CZ
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • OPTIC FIBRE CABLE
• CABLE A FIBRES OPTIQUES

(71, 72) KUPILIK, Pavel [CZ/CZ]; nám. 5 Května 10, 345 62 Holyšov (CZ).

(74) LANGROVA, Irena; Riegrova 1, 301 11 Plzeň (CZ).

(81) AZ CA CN HU KZ PL RU UA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁶ G02B 7/04, G06K 7/10

(11) WO 00/16147 (13) A1

(21) PCT/US99/21178

(22) 13 Sep/sep 1999 (13.09.1999)

(25) en (26) en

(30) 09/151,496 11 Sep/sep 1998 US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • VARIABLE FOCUS OPTICAL SYSTEM
• SYSTEME OPTIQUE A FOCAL VARIABLE

(71) POLAROID CORPORATION [US/US]; 784 Memorial Drive, Cambridge, MA 02139 (US).

(72) FANTONE, Stephen, D.; 340 Summer Street, Lynnfield, MA 01940 (US). FIGARELLA, Luis, A.; 27 Todd Road, Nashua, NH 03060 (US). IMRIE, David, A.; Townhouse No. 61, 111 Locust Street, Woburn, MA 01801 (US). MCKINLEY, Harry; Rattle Hill Road, Southampton, MA 01703 (US). PLUMMER, William, T.; 129 Arena Terrace, Concord, MA 01742 (US). STERN, Howard; 89 Derby Avenue, Greenlawn, NY 11740 (US). VAN TASSELL, Jon, E.; 1 Baker Square, Winthrop, MA 02152 (US).

(74) **COLE, David, John**; Polaroid Corporation, 784 Memorial Drive, Cambridge, MA 02139 (US).

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

Published / Publiée : (c)

(51)⁶ **G02B 17/08, 3/00**

(11) **WO 00/16148** (13) A1

(21) PCT/JP98/04145

(22) **16 Sep/sep 1998 (16.09.1998)**

(25) ja (26) ja

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **LENS FOR CONVERTING OPTICAL AXIS**

• **LENTILLE SERVANT A MODIFIER UN AXE OPTIQUE**

(71) **MITSUBISHI DENKI KABUSHIKI KAISHA** [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **FORSCHUNGSZENTRUM KARLSRUHE GMBH** [DE/DE]; Hermann-von-Helmholtz-Platz 1, D-76344 Eggenstein-Leopoldshafen (DE).

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

(72, 75) **NAKAJIMA, Hajime** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **RUTHER, Patrick** [DE/DE]; Forschungszentrum Karlsruhe GmbH, Hermann-von-Helmholtz-Platz 1, D-76344 Eggenstein-Leopoldshafen (DE).

(74) **TAZAWA, Hiroaki** et al. / etc.; Daito Building, 7th floor, 7-1, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

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

(51)⁷ **G02B 21/00, G01N 21/64**

(11) **WO 00/16149** (13) A1

(21) PCT/DE99/02910

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) de (26) de

(30) 198 42 153.2 **15 Sep/sep 1998 DE (15.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **OPTICAL SYSTEM IN THE RAY PATH OF A CONFOCAL FLUORESCENCE MICROSCOPE**

• **DISPOSITIF OPTIQUE PLACE DANS LE TRAJET DU RAYONNEMENT D'UN MICROSCOPE A FLUORESCENCE CONFOCAL**

(71) **LEICA MICROSYSTEMS HEIDELBERG GMBH** [DE/DE]; Im Neuenheimer Feld 518, D-69120 Heidelberg (DE).

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

(72, 75) **ENGELHARDT, Johann** [DE/DE]; Schießmauerweg 6, D-76669 Bad Schönborn (DE). **ULRICH, Heinrich**

[DE/DE]; Langgewann 2, D-69121 Heidelberg (DE). **HAY, William, C.** [US/DE]; Am Mühlgraben 8, D-69493 Hirschberg (DE).

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

Published / Publiée : (c)

(51)⁷ **G02B 23/14, G03B 13/06, G02B 5/18, 5/32, F41G 1/14, G02B 27/32**

(11) **WO 00/16150** (13) A1

(21) PCT/US99/21303

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 09/154,116 **16 Sep/sep 1998 US (16.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **VIEWFINDER WITH DIFFRACTIVE OPTICAL ELEMENT**

• **VISEUR A ELEMENT OPTIQUE A DIFFRACTION**

(71) **POLAROID CORPORATION** [US/US]; 784 Memorial Drive, Cambridge, MA 02139 (US).

(72) **CLARK, Peter, P.**; 129 Meadow Lane, Boxborough, MA 01719 (US). **PLUMMER, William, T.**; 129 Arena Terrace, Concord, MA 01742 (US).

(74) **GAIMAN, Barry**; Polaroid Corporation, 784 Memorial Drive, Cambridge, MA 02139 (US).

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

Published / Publiée : (c)

(51)⁷ **G02B 23/26, A61B 1/04**

(11) **WO 00/16151** (13) A1

(21) PCT/FR99/02188

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) fr (26) fr

(30) 98/11486 **15 Sep/sep 1998 FR (15.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **DEVICE FOR OBSERVATION INSIDE A BODY PROVIDING IMPROVED QUALITY OF OBSERVATION**

• **DISPOSITIF D'OBSERVATION DE L'INTERIEUR D'UN CORPS PRODUISANT UNE QUALITE D'OBSERVATION PERFECTIONNEE**

(71) **ASSISTANCE PUBLIQUE - HOPI-TAUX DE PARIS** [FR/FR]; 3, avenue Victoria, F-75004 Paris (FR). **INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM)** [FR/FR]; 101, rue de Tolbiac, F-75013 Paris (FR).

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

(72, 75) **LE GARGASSON, Jean-François** [FR/FR]; 7, rue des Morvains, F-94350 Villiers s/Seine (FR). **LAMARQUE,**

Frédéric [FR/FR]; 16bis, rue Sibuet, F-75012 Paris (FR). **CHADUC, Jean-Paul** [FR/FR]; ITECH, 106, boulevard Gustave Flaubert, F-63000 Clermont-Ferrand (FR).

(74) **MARTIN, Jean-Jacques** et al. / etc.; Cabinet Regimbeau, 26, avenue Kléber, F-75116 Paris (FR).

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

Published / Publiée : (c)

(51)⁷ **G02B 27/64, F41G 3/32, G01S 3/786, G01C 21/18**

(11) **WO 00/16152** (13) A1

(21) PCT/US99/17924

(22) **9 Aug/août 1999 (09.08.1999)**

(25) en (26) en

(30) 09/152,952 **14 Sep/sep 1998 US (14.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **AUTOMATIC ALIGNMENT AND STABILISATION OF ELECTRO-OPTICAL ELEMENTS**

• **ALIGNEMENT ET STABILISATION AUTOMATIQUES D'ELEMENTS ELECTRO-OPTIQUES**

(71) **RATHEON COMPANY** [US/US]; 2000 East El Segundo Boulevard, P.O. Box 902, El Segundo, CA 90245 (US).

(72) **MESSINA, Peter, V.**; 2312 30th Street, Santa Monica, CA 90405 (US).

(74) **RAUFER, Colin**; Ratheon Company, 2000 East El Segundo Boulevard, P.O. Box 902, El Segundo, CA 90245 (US) et al. / etc.

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

(51)⁶ **G02F 1/1335, 1/136**

(11) **WO 00/16153** (13) A1

(21) PCT/JP99/04891

(22) **8 Sep/sep 1999 (08.09.1999)**

(25) ja (26) ja

(30) 10/257290 **10 Sep/sep 1998 JP (10.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **SUBSTRATE FOR LIQUID CRYSTAL PANEL, LIQUID CRYSTAL PANEL, ELECTRONIC APPARATUS COMPRISING THE PANEL, AND METHOD FOR MANUFACTURING SUBSTRATE FOR LIQUID CRYSTAL PANEL**

- SUBSTRAT POUR PANNEAU A CRISTAUX LIQUIDES, PANNEAU A CRISTAUX LIQUIDES, APPAREIL ELECTRONIQUE COMPRENANT CE PANNEAU, ET PROCEDE DE FABRICATION D'UN SUBSTRAT POUR PANNEAU A CRISTAUX LIQUIDES
- (71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0811 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KATAYAMA, Shigenori** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). **ISHII, Ryo** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP).
- (74) **SUZUKI, Kisaburo** et al. / etc.; Seiko Epson Corporation, Intellectual Property Dept., 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP).
- (81) JP KR US.
-
- (51)⁷ **G02F 1/1335, G02B 6/00, 5/02, 5/30, F21V 8/00**
- (11) **WO 00/16154** (13) A1
- (21) PCT/JP99/05045
- (22) **16 Sep/sep 1999 (16.09.1999)**
- (25) ja (26) ja
- (30) 10/261688 **16 Sep/sep 1998** JP
(16.09.1998)
- (30) 10/373365 **28 Dec/déc 1998** JP
(28.12.1998)
- (30) 11/156496 **3 Jun/juin 1999** JP
(03.06.1999)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • APPLICATION OF LIGHT SOURCE INCLUDING LIGHT GUIDE FOR EMANATING LINEARLY POLARIZED LIGHT TO LIQUID CRYSTAL DISPLAY
- APPLICATION D'UNE SOURCE DE LUMIERE COMPRENANT UN GUIDE DE LUMIERE ET PERMETTANT D'EMETTRE UNE LUMIERE POLARISEE LINEAIREMENT VERS UN AFFICHAGE A CRISTAUX LIQUIDES
- (71) **TEIJIN LIMITED** [JP/JP]; 6-7, Minamihommachi 1-chome, Chuo-ku, Osaka-shi, Osaka 541-0054 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KUSHIDA, Takashi** [JP/JP]; Teijin Limited, Tokyo Research Center, 3-2, Asahi-gaoka 4-chome, Hino-shi, Tokyo 191-0065 (JP). **UCHIYAMA, Akihiko** [JP/JP]; Teijin Limited, Tokyo Research Center, 3-2, Asahi-gaoka 4-chome, Hino-shi, Tokyo 191-0065 (JP). **KON, Tatsuichiro** [JP/JP]; Teijin Limited, Tokyo Research Center, 3-2, Asahi-gaoka 4-chome, Hino-shi, Tokyo 191-0065 (JP). **YAHATA, Kazuo** [JP/JP]; Teijin Limited, Tokyo Research Center, 3-2, Asahi-gaoka 4-chome, Hino-shi, Tokyo 191-0065 (JP).
- (74) **MAEDA, Sumihiko**; Teijin Limited, Intellectual Property Center, 1-1, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 100-0011 (JP).
- (81) JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁶ **G02F 1/39**
- (11) **WO 00/16155** (13) A1
- (21) PCT/US99/15448
- (22) **9 Jul/juil 1999 (09.07.1999)**
- (25) en (26) en
- (30) 09/151,464 **11 Sep/sep 1998** US
(11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • IN LINE PERIODICALLY POLED LiNbO₃ (PPLN), OPTICAL PARAMETRIC OSCILLATOR (OPO-DFG-OPO) WITH COMMON DOUBLY RESONANT CAVITY
- OSCILLATEUR PARAMETRIQUE OPTIQUE EN LIGNE LINBO₃ A POLARISATION PERIODIQUE (PPLN) (OPO-DFG-OPO), DOTE D'UNE CAVITE DOUBLEMENT RESONANTE COMMUNE
- (71) **NORTHROP GRUMMAN CORPORATION** [US/US]; 1840 Century Park East, Los Angeles, CA 90067-2199 (US).
- (72) **MEYER, Ronald, K., Jr.**; 2nd Floor, 4207 North Marmora, Chicago, IL 60634 (US). **VAIDYANATHAN, Mohan**; 740 Majestic Drive, Algonquin, IL 60102 (US). **PEKNY, William**; 117 Holmes Way, Schaumburg, IL 60193 (US). **GRIFFITH, Gerald, P.**; 4351 Prospect Avenue, Western Springs, IL 60558 (US). **MUI, Peter, H.**; 3032 Steven Martin Drive, Fairfax, VA 22031 (US).
- (74) **ANDERSON, Terry, J.**; Northrop Grumman Corporation, 1840 Century Park East, Los Angeles, CA 90067-2199 (US) et al. / etc.
- (81) AU CA IL; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (a)
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- (51)⁶ **G02K 7/10**
- (11) **WO 00/16156** (13) A1
- (21) PCT/US99/18845
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 09/151,764 **11 Sep/sep 1998** US
(11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • OPTICAL SYMBOLOGIES IMAGER
- IMAGEUR OPTIQUE DE SYMBOLES
- (71) **ROBOTIC VISION SYSTEMS INC.** [-/US]; 5 Shawmut Road, Canton, MA 02021 (US).
- (72) **DOWLING, John, H.**; 49 Windemere Way, Nashua, NH 03063 (US). **STERN, Howard**; 89 Derby Avenue, Greenlawn, NY 11740 (US). **FIGARELLA, Luis, Alberto**; 27 Todd Road, Nashua, NH 03060 (US). **McKINLEY, Harry, R.**; 58 Rattle Hill Road, Southampton, MA 01073 (US). **McKINLEY, Philip, E.**; 85 West Street, Westford, MA 01866 (US). **LEE, Jason, J.**; 86 Harrington Avenue, Concord, MA 01742 (US).
- (74) **ROBINSON, Douglas, W.** et al. / etc.; Hoffman, Wasson & Gitler, P.C., Suite 522, 2361 Jefferson Davis Highway, Arlington, VA 22202 (US).
- (81) AE AL AU BA BB BG BR CA CN CU CZ EE GD GE GH GM HR HU ID IL IN IS JP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK TR TT UA UZ VN YU ZA; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **G03B 21/00, G02B 3/00, G02F 1/13**
- (11) **WO 00/16157** (13) A1
- (21) PCT/JP99/04315
- (22) **9 Aug/août 1999 (09.08.1999)**
- (25) ja (26) ja
- (30) 10/261809 **16 Sep/sep 1998** JP
(16.09.1998)
- (30) 10/329307 **19 Nov/nov 1998** JP
(19.11.1998)
- (30) 11/65465 **11 Mar/mar 1999** JP
(11.03.1999)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • OPTICAL DEVICE AND DISPLAY DEVICE USING IT
- DISPOSITIF OPTIQUE ET DISPOSITIF D'AFFICHAGE UTILISANT CE DISPOSITIF
- (71) **FUJITSU LIMITED** [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SAWAKI, Ippei** [JP/JP]; Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **MIURA, Michio** [JP/JP]; Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **ABE, Fumitaka** [JP/JP]; Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- (74) **NOGAWA, Shintaro**; Minamimorimachi Park Building, 1-3, Nishitenma 5-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).
- (81) JP US.

(51)⁷ G03B 35/06, 35/24, G02B 27/22

(11) WO 00/16158 (13) A1

(21) PCT/CZ99/00031

(22) 10 Sep/sep 1999 (10.09.1999)

(25) en (26) en

(30) PV 2889-98 10 Sep/sep 1998 CZ
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD OF PRODUCING A PHOTOGRAPH WITH A STEREOSCOPIC EFFECT

• PROCEDE DE PRODUCTION D'UNE PHOTOGRAPHIE A EFFET STEREOSCOPIQUE

(71) TECHNO-COLOR, SPOL. S R.O. [CZ/CZ]; Viničné Šumice 348, 664 06 Brno (CZ).

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

(72, 75) VYMĚTAL, Miroslav [CZ/CZ]; Čechyňská 288/4, Rousínov u Brna (CZ). BENEŠ, Ladislav [CZ/CZ]; U Trojáku 4597, Zlín (CZ).

(74) VANDELÍKOVÁ, Jana; Petráská 12, 110 00 Praha 1 (CZ).

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

Published / Publiée : (c)

(51)⁷ G03F 7/00, B81B 1/00

(11) WO 00/16159 (13) A1

(21) PCT/EP99/06679

(22) 10 Sep/sep 1999 (10.09.1999)

(25) de (26) de

(30) 198 41 785.3 12 Sep/sep 1998 DE
(12.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR PRODUCING A BODY HAVING MICROSTRUCTURES COMPRISED OF MATERIAL APPLIED BY THERMAL SPRAYING

• PROCEDES DE PRODUCTION D'UN CORPS MICROSTRUCTURES A PARTIR D'UN MATERIAU APPLIQUE PAR PULVERISATION THERMIQUE

(71) INSTITUT FÜR MIKROTECHNIK MAINZ GMBH [DE/DE]; Carl-Zeiss-Strasse 18-20, D-55129 Mainz (DE).

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

(72, 75) LACHER, Manfred [DE/DE]; Kästrich 53, D-55116 Mainz (DE). FREIMUTH,

Herbert [DE/DE]; Hallgartener Strasse 16, D-65347 Hattenheim (DE). KRAUS, Matthias [DE/DE]; Karolingerstrasse 76, D-56626 Andernach (DE). VOLK, Peter [DE/DE]; Frankfurter Strasse 9, D-55252 Mainz-Kastel (DE).

(74) INSTITUT FÜR MIKROTECHNIK MAINZ GMBH; Carl-Zeiss-Strasse 18-20, D-55129 Mainz (DE).

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

Published / Publiée : (c)

(51)⁶ G03F 7/039, 7/027

(11) WO 00/16160 (13) A1

(21) PCT/JP99/04850

(22) 7 Sep/sep 1999 (07.09.1999)

(25) ja (26) ja

(30) 10/256937 10 Sep/sep 1998 JP
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • POSITIVE RADIATION-SENSITIVE COMPOSITION

• COMPOSITION RADIOSENSIBLE POSITIVE

(71) TORAY INDUSTRIES, INC. [JP/JP]; 2-1, Nihonbashi Muromachi 2-chome, Chuo-ku, Tokyo 103-8666 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TAMURA, Kazutaka [JP/JP]; 19-21, Akibadai, Otsu-shi, Shiga 520-0822 (JP).

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

(51)⁷ G03F 7/16, 7/20, 7/38, 7/26, 7/004

(11) WO 00/16161 (13) A1

(21) PCT/US99/19984

(22) 1 Sep/sep 1999 (01.09.1999)

(25) en (26) en

(30) 60/100,219 14 Sep/sep 1998 US
(14.09.1998)(30) 09/222,117 29 Dec/déc 1998 US
(29.12.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ENVIRONMENT EXCHANGE CONTROL FOR MATERIAL ON A WAFER SURFACE

• CONTROLE DE L'ECHANGE ENTRE L'ENVIRONNEMENT AMBIANT ET UNE MATIERE APPLIQUEE SUR UNE FACE DE PLAQUETTE

(63) US 60/100,219 (CIP)
14 Sep/sep 1998 (14.09.1998)US 09/222,117 (CIP)
29 Dec/déc 1998 (29.12.1998)

(71) SILICON VALLEY GROUP, INC. [US/US]; Suite 400, 101 Metro Drive, San Jose, CA 95110 (US).

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

(72, 75) GURER, Emir [US/US]; 709 Coast Range Drive, Scotts Valley, CA 95066 (US). LEE, Ed, C. [US/US]; 10502 Rampart Avenue, Cupertino, CA 95014 (US). ZHONG, Tom [US/US]; Apartment 119, 3799 Lillick Drive, Santa Clara, CA 95051 (US). REYNOLDS, Reese [US/US]; 115 Graig Way, Los Gatos, CA 95032 (US). GOLDEN, Kevin [US/US]; 35 Pheasant Hollow Lane, Wallkill, NY 12589 (US). LEWELLEN, John, W. [US/US]; 549 Skyway Drive, San Jose, CA 95111 (US). WACKERMAN, Scott, C. [-/US]; 140 Paul Avenue, Mountain View, CA 94041 (US).

(74) DAVIS, Paul; Wilson Sonsini Goodrich & Rosati, 650 Page Mill Road, Palo Alto, CA 94304-1050 (US).

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

(51)⁶ G03F 7/20

(11) WO 00/16162 (13) A1

(21) PCT/US99/21284

(22) 17 Sep/sep 1999 (17.09.1999)

(25) en (26) en

(30) 60/100,728 17 Sep/sep 1998 US
(17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD OF USING A MODULATED EXPOSURE MASK

• PROCEDE RELATIF A L'UTILISATION D'UN CACHE A EXPOSITION MODULEE

(63) US 60/100,728 (CIP)
17 Sep/sep 1998 (17.09.1998)(71) MEMS OPTICAL, LLC [US/US]; 205 Import Circle, Huntsville, AL 35806 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BROWN, David, R. [US/US]; MEMS Optical, LLC, 205 Import Circle, Huntsville, AL 35806 (US). MCCOY, Barry, S. [US/US]; MEMS Optical, LLC, 205 Import Circle, Huntsville, AL 35806 (US). TUCK, Gerald [US/US]; MEMS Optical, LLC, 205 Import Circle, Huntsville, AL 35806 (US). MILES, Scott [US/US]; MEMS Optical, LLC, 205 Import Circle, Huntsville, AL 35806 (US). PETERS, Bruce [US/US]; MEMS Optical, LLC, 205 Import Circle, Huntsville, AL 35806 (US).

(74) SMITH, GAMBRELL & RUSSEL, LLP; Beveridge, DeGrandi, Weilacher & Young, Intellectual Property Group, Suite 800, 1850 M Street, N.W., Washington, DC 20036 (US).

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

(51)⁷ G03F 7/30, B05C 11/08

(11) WO 00/16163 (13) A2

(21) PCT/US99/20115

(22) 1 Sep/sep 1999 (01.09.1999)

(25) en (26) en

(30) 60/100,738 17 Sep/sep 1998 US (17.09.1998)

(30) 09/221,060 28 Dec/déc 1998 US (28.12.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • IMPROVED YIELD AND LINE WIDTH PERFORMANCE FOR LIQUID POLYMERS AND OTHER MATERIALS

• RENDEMENT ET PERFORMANCE AMELIORES DE LIGNE DE TRAIT POUR POLYMERES LIQUIDES ET AUTRES MATERIAUX

(63) US 60/100,738 (CIP)
17 Sep/sep 1998 (17.09.1998)
US 09/221,060 (CIP)
28 Dec/déc 1998 (28.12.1998)

(71) SILICON VALLEY GROUP, INC. [US/US]; Suite 400, 101 Metro Drive, San Jose, CA 95110 (US).

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(72, 75) GURER, Emir [US/US]; 709 Coast Range Drive, Scotts Valley, CA 95066 (US).

LEE, Ed, C. [US/US]; 10502 Rampart Avenue, Cupertino, CA 95014 (US). KRISHNA, Murthy [US/US]; 1250 Henderson Avenue #2, Sunnyvale, CA 94086 (US).

REYNOLDS, Reese [US/US]; 115 Graig Way, Los Gatos, CA 95032 (US). SALOIS, John [US/US]; P.O. Box 923, Redwood City, CA 94064 (US). CHERRY, Royal [US/US]; 1147 Leigh Avenue #2, San Jose, CA 95126 (US).

(74) DAVIS, Paul; Wilson Sonsini Goodrich & Rosati, 650 Page Mill Road, Palo Alto, CA 94304-1050 (US).

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

(51)⁷ G03G 5/147

(11) WO 00/16164 (13) A1

(21) PCT/US99/20612

(22) 9 Sep/sep 1999 (09.09.1999)

(25) en (26) en

(30) 60/100,010 11 Sep/sep 1998 US (11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ADHESIVES FOR PREPARING A MULTILAYER LAMINATE FEATURING AN INK-BEARING SURFACE BONDED TO A SECOND SURFACE

• ADHESIFS PERMETTANT DE PREPARER UN STRATIFIE MULTICOUCHE PRESENTANT UNE SURFACE PORTEUSE D'ENCRE LIEE A UNE SECONDE SURFACE

(71) IMATION CORP. [US/US]; 1 Imation Place, P.O. Box 64898, Saint Paul, MN 55164-0898 (US).

(72) TRAN, Bao; P.O. Box 64898, Saint Paul, MN 55164-0898 (US). LI, Minyu; P.O. Box 64898, Saint Paul, MN 55164-0898 (US). MORRISON, Eric, D.; P.O. Box 64898, Saint Paul, MN 55164-0898 (US). JALBERT, Claire, A.; P.O. Box 64898, Saint Paul, MN 55164-0898 (US). VENKATESAN, Jai; P.O. Box 64898, Saint Paul, MN 55164-0898 (US). BAKER, James, A.; P.O. Box 64898, Saint Paul, MN 55164-0898 (US). HERMAN, Gay, L.; P.O. Box 64898, Saint Paul, MN 55164-0898 (US).

(74) BAUER, William, D. et al. / etc.; Imation Corp., Legal Affairs, P.O. Box 64898, Saint Paul, MN 55164-0898 (US).

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

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(51)⁷ G03G 8/00, B41M 7/00, B44F 1/06

(11) WO 00/16165 (13) A1

(21) PCT/US99/20611

(22) 9 Sep/sep 1999 (09.09.1999)

(25) en (26) en

(30) 60/100,009 11 Sep/sep 1998 US (11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • MULTILAYER ARTICLES HAVING AN INK-CONTAINING SURFACE BONDED TO A SECOND SURFACE WITH A THERMOPLASTIC HEAT-SEALING ADHESIVE

• ARTICLES MULTICOUCHE POSSEDANT UNE SURFACE CONTENANT DE L'ENCRE, LIEE A UNE SECONDE SURFACE COMPORTANT UN ADHESIF THERMOPLASTIQUE DE THERMOCELLAGE

(71) IMATION CORP. [US/US]; Imation Place, P.O. Box 64898, Saint Paul, MN 55164-0898 (US).

(72) LI, Minyu; P.O. Box 64898, Saint Paul, MN 55164-0898 (US). MORRISON, Eric, D.; P.O. Box 64898, Saint Paul, MN 55164-0898 (US). TRULSEN, Marvin, C.; P.O. Box 64898, Saint Paul, MN 55164-0898 (US). BAKER, James, A.; P.O. Box 64898, Saint Paul, MN 55164-0898 (US).

(74) BAUER, William, D. et al. / etc.; Imation Legal Affairs, P.O. Box 64898, Saint Paul, MN 55164-0898 (US).

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

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(51)⁷ G03G 8/00, B41M 7/00, B44F 1/06

(11) WO 00/16166 (13) A1

(21) PCT/US99/20741

(22) 9 Sep/sep 1999 (09.09.1999)

(25) en (26) en

(30) 60/100,005 11 Sep/sep 1998 US (11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • MULTILAYER ARTICLES HAVING AN INK-CONTAINING SURFACE BONDED TO A SECOND SURFACE WITH A PHOTOPOLYMERIZED ADHESIVE

• ARTICLES MULTICOUCHE ASSEMBLES PAR COLLAGE PRESENTANT UNE SURFACE ENCREE CONTRE-COLLEE A UNE DEUXIEME SURFACE AU MOYEN D'UN ADHESIF PHOTOPOLYMERISE

(71) IMATION CORP. [US/US]; 1 Imation Place, P.O. Box 64898, Saint Paul, MN 55164-0898 (US).

(72) GARDNER, James, P., Jr.; P.O. Box 64898, Saint Paul, MN 55164-0898 (US). LI, Minyu; P.O. Box 64898, Saint Paul, MN 55164-0898 (US).

(74) BAUER, William, D. et al. / etc.; Imation Legal Affairs, P.O. Box 64898, Saint Paul, MN 55164-0898 (US).

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

Published / Publiée : (c)

(51)⁷ G03G 8/00, B41M 7/00, B44F 1/06

(11) WO 00/16167 (13) A1

(21) PCT/US99/20743

(22) 9 Sep/sep 1999 (09.09.1999)

(25) en (26) en

(30) 60/099,993 11 Sep/sep 1998 US (11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • MULTILAYER ADHESIVELY BONDED ARTICLES HAVING AN INK-CONTAINING SURFACE BONDED TO A SECOND SURFACE
- ARTICLES MULTICOUCHES ASSEMBLES PAR COLLAGE PRESENTANT UNE SURFACE ENCREE CONTRE-COLLEE A UNE DEUXIEME SURFACE
- (71) **IMATION CORP.** [US/US]; 1 Imation Place, P.O. Box 64898, Saint Paul, MN 55164-0898 (US).
- (72) **MORRISON, Eric, D.**; P.O. Box 64898, Saint Paul, MN 55164-0898 (US). **LI, Minyu**; P.O. Box 64898, Saint Paul, MN 55164-0898 (US). **TRAN, Bao**; P.O. Box 64898, Saint Paul, MN 55164-0898 (US). **TRULSEN, Marvin, C.**; P.O. Box 64898, Saint Paul, MN 55164-0898 (US). **GARDNER, James, P., Jr.**; P.O. Box 64898, Saint Paul, MN 55164-0898 (US). **BAKER, James, A.**; P.O. Box 64898, Saint Paul, MN 55164-0898 (US).
- (74) **BAUER, William, D.** et al. / etc.; Imation Legal Affairs, P.O. Box 64898, Saint Paul, MN 55164-0898 (US).
- (81) JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (51)⁶ **G03G 15/00**
- (11) **WO 00/16168** (13) A1
- (21) PCT/US99/18940
- (22) **20 Aug/août 1999 (20.08.1999)**
- (25) en (26) en
- (30) 09/152,998 **14 Sep/sep 1998 (14.09.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • DRIVING MECHANISM FOR PHOTOSENSITIVE IMAGE BEARING DRUM IN ELECTROPHOTOGRAPHIC MACHINES
- MECANISME D'ENTRAINEMENT POUR TAMBOUR PHOTOSENSIBLE PORTEUR D'IMAGE DANS DES MACHINES D'ELECTROPHOTOGRAPHIE
- (71) **LEXMARK INTERNATIONAL, INC.** [US/US]; 740 West New Circle Road, Lexington, KY 40550 (US).
- (72) **FOSTER, Mark, Duane**; 257 Shoreside Drive, Lexington, KY 40515 (US). **KRAL, Donald, Thomas**; 4008 Santee Way, Lexington, KY 40513 (US). **LURTON, James, Caro**; 7098 Turner Station Road, Lexington, KY 40515 (US). **SEEVERS, Kenneth, Daniel**; 4169 Palmetto Drive, Lexington, KY 40513 (US). **STICKLER, Tom, E.**; 416 Dudley Road, Lexington, KY 40502 (US). **ZUTT, Martin, Joseph, Jr.**; 1109 Taborlake Drive, Lexington, KY 40502 (US).
- (74) **BRADY, John, A.**; Lexmark International, Inc., 740 West New Circle Road, Lexington, KY 40550 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **G03H 1/20, G11B 7/00, C03C 4/00**
- (11) **WO 00/16169** (13) A1
- (21) PCT/RO99/00013
- (22) **9 Sep/sep 1999 (09.09.1999)**
- (25) en (26) en
- (30) 09/151,136 **10 Sep/sep 1998 (10.09.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • APPARATUS, HOLOGRAPHIC PROCESS FOR DUPLICATING OPTICAL AND HOLOGRAPHIC MEMORIES, AND MEMORY COPY OBTAINED THEREOF
- DISPOSITIF, PROCEDE HOLOGRAPHIQUE DE DUPLICATION DE MEMOIRES HOLOGRAPHIQUES ET OPTIQUES, ET COPIE DE MEMOIRE AINSI OBTENUE
- (71, 72) **PAVEL, Eugen** [RO/RO]; Calea Mosilor 274, ap. 34, R-73252 Bucuresti 2 (RO).
- (74) **ROMINVENT S.A.**; Str. Ermil Pangratti 35, et.1, R-71128 Bucuresti 1 (RO).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **G04B 47/00**
- (11) **WO 00/16170** (13) A1
- (21) PCT/IB99/01520
- (22) **8 Sep/sep 1999 (08.09.1999)**
- (25) en (26) en
- (30) 98117600.1 **16 Sep/sep 1998 (16.09.1998)** EP
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • GOLFER'S WATCH
- MONTRE POUR JOUEUR DE GOLF
- (71) **MONTRES ANTIMA S.A.** [CH/CH]; Theodor-Kocher-Strasse 11, CH-2500 Biel (CH).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GEIGER, Hervé** [CH/CH]; Faubourg 44, CH-2520 La Neuveville (CH).
- (74) **INFOSUISSE**; 18, rue du Grenier, CH-2302 La Chaux-de-Fonds (CH).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **G04C 3/00, 10/00, G04F 8/02**
- (11) **WO 00/16171** (13) A1
- (21) PCT/JP99/04970
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) ja (26) ja
- (30) 10/257329 **10 Sep/sep 1998 (10.09.1998)** JP
- (30) 10/257330 **10 Sep/sep 1998 (10.09.1998)** JP
- (30) 10/257331 **10 Sep/sep 1998 (10.09.1998)** JP
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • CLOCKING DEVICE
- DISPOSITIF DE MESURE DU TEMPS
- (71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0811 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FURUKAWA, Tsuneaki** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). **KOIKE, Nobuhiro** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). **HIRAYA, Eiichi** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). **MARUYAMA, Akihiko** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP).
- (74) **SUZUKI, Kisaburo** et al. / etc.; Intellectual Property Dept., Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP).
- (81) CN US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **G05B 5/01, 23/02**
- (11) **WO 00/16172** (13) A1
- (21) PCT/US99/21045
- (22) **14 Sep/sep 1999 (14.09.1999)**
- (25) en (26) en
- (30) 60/100,478 **16 Sep/sep 1998 (16.09.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • CLOSED-LOOP IDENTIFICATION OF AN UNMEASURED DISTURBANCE MODEL FOR CONTROL PERFORMANCE ASSESSMENT AND IMPROVEMENT

• IDENTIFICATION EN BOUCLE FERMÉE D'UN MODELE DE DERANGEMENT NON MESURE SERVANT A L'EVALUATION ET A L'AMELIORATION DE LA PERFORMANCE DES COMMANDES

(71) **SHELL OIL COMPANY** [US/US]; Intellectual Property, P.O. Box 2462, 900 Louisiana, Houston, TX 77252-2463 (US).
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(72, 75) **KUONG, Ching, Wei** [CN/US]; 110 Wilkin's Crossing, Sugar Land, TX 77479 (US). **KOZUB, Derrick, J.** [CA/US]; Apartment 1026, 13131 Fallsview Lane, Houston, TX 77077 (US). **LAU, Henry, K.** [US/US]; 169 Firestone Drive, Walnut Creek, CA 94598 (US).

(74) **MULLER, Kimbley**; Shell Oil Company, P.O. Box 2463, 900 Louisiana, Houston, TX 77252-2463 (US).

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

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(51)⁷ G05B 13/02

(11) WO 00/16173 (13) A2

(21) PCT/EP99/06647

(22) 9 Sep/sep 1999 (09.09.1999)

(25) en (26) en

(30) 98870192.6 11 Sep/sep 1998 EP (11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • AN ADAPTIVE FUZZY CONTROLLER AND SIMULATION METHOD

• UNITE ADAPTATIVE DE CONTROLE FLOU ET TECHNIQUE DE SIMULATION

(71) **SCK.CEN** [BE/BE]; Avenue Hermann Debroux 40-42, B-1160 Brussels (BE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RUAN, Da** [BE/BE]; Boeretang 209, B-2400 Mol (BE). **LI, Xiaozhong** [CN/US]; 4107 Chaparron Place, Santa Fe, NM 87505 (US).

(74) **BIRD, William, Edward** et al. / etc.; Bird Goën & Co., Termestraat 1, B-3020 Winksele (BE).

(81) CN JP KR US.

(51)⁷ G05B 19/042, H01H 9/16

(11) WO 00/16174 (13) A1

(21) PCT/FR99/02162

(22) 10 Sep/sep 1999 (10.09.1999)

(25) fr (26) fr

(30) 98/11500 15 Sep/sep 1998 FR (15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ELECTRIC APPARATUS WITH SUPPLY VOLTAGE CONTROL, OPERATING IN ALTERNATING OR DIRECT CURRENT

• APPAREIL ELECTRIQUE A COMMANDE PAR LA TENSION D'ALIMENTATION, FONCTIONNANT EN ALTERNATIF OU CONTINU

(71) **CROUZET AUTOMATISMES** [FR/FR]; 2, rue du Docteur Abel, F-26000 Valence (FR).

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

(72, 75) **MEYER, Olivier** [FR/FR]; Thomson-CSF Propriété Intellectuelle, Dépt. Brevets, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR).

(74) **GUERIN, Michel**; Thomson-CSF Propriété Intellectuelle, Dépt. Brevets, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR).

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

(51)⁷ G05B 19/19, B60T 13/74

(11) WO 00/16175 (13) A1

(21) PCT/NL99/00564

(22) 10 Sep/sep 1999 (10.09.1999)

(25) en (26) en

(30) 1010068 11 Sep/sep 1998 NL (11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD AND APPARATUS FOR ENERGISING ROTATION-TRANSLATION CONVERTERS

• PROCEDE ET APPAREIL D'EXCITATION DE CONVERTISSEURS DE ROTATION-TRANSLATION

(71) **SKF ENGINEERING AND RESEARCH CENTRE B.V.** [NL/NL]; P.O. Box 2350, NL-3430 DT Nieuwegein (NL).

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

(72, 75) **RINSMA, Andries, Christian** [NL/NL]; Boomgaardstraat 25, NL-8933 GB Leeuwarden (NL). **VAN WINDEN, Johannes, Albertus** [NL/NL]; Molenwal 4, NL-3421 CM Oudewater (NL).

(74) **DE BRUIJN, Leendert, C.**; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

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

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(51)⁷ G05B 23/02

(11) WO 00/16176 (13) A1

(21) PCT/EP99/06715

(22) 10 Sep/sep 1999 (10.09.1999)

(25) de (26) de

(30) 198 41 543.5 11 Sep/sep 1998 DE (11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • DEVICE AND METHOD FOR MONITORING A SIGNAL

• PROCEDE ET DISPOSITIF POUR CONTROLER UN SIGNAL

(71) **GESELLSCHAFT FÜR SCHWERIONENFORSCHUNG MBH** [DE/DE]; Planckstrasse 1, D-64291 Darmstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BADURA, Eugen** [DE/DE]; Planckstrasse 1, D-64291 Darmstadt (DE).

(74) **BOETERS, Hans, D.** et al. / etc.; Boeters & Bauer, Bereiteranger 15, D-81541 München (DE).

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

Published / Publiée : (c)

(51)⁶ G05D 11/00, 16/06, 7/01, F02B 37/02, F02D 23/00, F16L 55/07

(11) WO 00/16177 (13) A1

(21) PCT/US98/19393

(22) 17 Sep/sep 1998 (17.09.1998)

(25) en (26) en

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • PRESSURE REGULATING VALVE

• VANNE DE REGULATION DE PRESION

(71) **GLOBAL AGRICULTURAL TECHNOLOGY AND ENGINEERING, LLC** [US/US]; 3710 N.E. 25th Avenue, Lighthouse Point, FL 33064 (US).

(72) **NEWTON, John, R.**; 3710 N.E. 25th Avenue, Lighthouse Point, FL 33064 (US). **LACKO, Mark, A.**; Route 9D, P.O. Box 168, Garrison, NY 10524 (US). **LAVERACK, John, R.**; 22 Lafayette Avenue, Beacon, NY 12508 (US). **GILCHREST, Edward, A., Jr.**; 1481-10 Southford Road, Southbury, CT 06488 (US).

(74) **GAUTHIER, Maurice, E.** et al. / etc.; Samuels, Gauthier, Stevens & Reppert, Suite 3300, 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 GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **G06F**

(11) **WO 00/16178** (13) A2

(21) PCT/US99/21126

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 09/153,114 **15 Sep/sep 1998 US (15.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ANALYTIC NETWORK ENGINE AND SPREADSHEET INTERFACE SYSTEM
• MOTEUR ANALYTIQUE A RESEAU ET SYSTEME D'INTERFACE DE TABLEUR

(71) **SPHERE SOFTWARE ENGINEERING, INC.** [US/US]; 636 Sixth Avenue #2B, New York, NY 10011-2020 (US).

(72) **BRITTAN, Philip**; 333 Rector Place #5N, New York, NY 10280 (US). **ROSE, Frank, Leon**; 1144 Highview Avenue, Mt. Dora, FL 32757 (US). **BASKIN, Mat**; 2530 Independence Avenue #5F, New York, NY 10463 (US). **FRANCO, Louis**; 103 Prospect Park West #3F, Brooklyn, NY 11215 (US).

(74) **OSTROW, Seth, H.**; Brown Raysman Millstein Felder & Steiner, LLP, 120 West Forty-Fifth Street, 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 GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **G06F 1/00**

(11) **WO 00/16179** (13) A1

(21) PCT/EE99/00001

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) P199800237 **11 Sep/sep 1998 EE (11.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD AND DEVICE OF DISABLING THE UNAUTHORISED USE OF A COMPUTER

• PROCEDE ET DISPOSITIF D'INVALIDATION D'UNE UTILISATION ILLICITE D'UN ORDINATEUR

(71, 72) **MARANDI, Mart** [EE/EE]; Tuule tee 7/2, EE12111 Tallinn (EE).

(74) **KERNU, Urmas** et al. / etc.; A.A.A. Baltic Service Company, P.O. Box 3926, EE10509 Tallinn (EE).

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

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(51)⁷ **G06F 1/00**

(11) **WO 00/16180** (13) A1

(21) PCT/EP99/06407

(22) **31 Aug/août 1999 (31.08.1999)**

(25) en (26) en

(30) 09/151,578 **11 Sep/sep 1998 US (11.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • CONTEXT SENSITIVE LOGIN SHIELD

• PROTECTION CONTRE LES CONNEXIONS LOGIQUES EN FONCTION DES CONTEXTES

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

(72) **DE GREEF, Bart, L.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **FAESSEN, Louis, M., H.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

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

Published / Publiée : (c)

(51)⁷ **G06F 1/02, 7/58, 7/60, 101/14 // H03M 1/06**

(11) **WO 00/16181** (13) A1

(21) PCT/FR99/02160

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) fr (26) fr

(30) 98/11351 **11 Sep/sep 1998 FR (11.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD AND DEVICE FOR GENERATING A RANDOM SIGNAL AND DIGITAL-TO-ANALOG CONVERTING SYSTEMS USING SAME

• PROCEDE ET DISPOSITIF DE GENERATION D'UN SIGNAL ALEATOIRE ET SYSTEMES DE CONVERSION NUMERIQUE-ANALOGIQUE UTILISANT UN TEL SIGNAL ALEATOIRE

(71) **THOMSON-CSF** [FR/FR]; 173, boulevard Haussmann, F-75008 Paris (FR).

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

(72, 75) **GABET, Pascal** [FR/FR]; Thomson-CSF Propriété Intellectuelle, Dépt. Brevets, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR). **DE GOUY, Jean-Luc** [FR/FR]; Thomson-CSF Propriété Intellectuelle, Dépt. Brevets, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR).

(74) **LUCAS, Laurent**; Thomson-CSF Propriété Intellectuelle, Dépt. Brevets, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR).

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

(51)⁶ **G06F 1/02**

(11) **WO 00/16182** (13) A1

(21) PCT/US99/21105

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 60/100,170 **14 Sep/sep 1998 US (14.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • RANDOM NUMBER GENERATOR SEEDING METHOD AND APPARATUS

• PROCEDE ET APPAREIL DE PERMETTANT DE CREER UNE VALEUR DE DEPART POUR UN GENERATEUR DE NOMBRES ALEATOIRES

(71) **SILICON GAMING-NEVADA, INC.** [US/US]; 6685 Amelia Earhart Court, Las Vegas, NV 89119 (US).

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(72, 75) **McLOUGHLIN, Bruce** [-/US]; 2364 Fatjo Place, Santa Clara, CA 95054 (US). **KELLY, John, R.** [-/US]; 1024 Summermist Court, San Jose, CA 95122 (US).

(74) **HAMRICK, Claude, A., S.** et al. / etc.; Oppenheimer Wolff & Donnelly LLP, Suite 200, 3373 Hillview Avenue, Palo Alto, CA 94304 (US).

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

(51)⁶ G06F 1/14, 12/08

- (11) **WO 00/16183** (13) A1
(21) PCT/US99/09303
(22) **29 Apr/avr 1999 (29.04.1999)**
(25) en (26) en
(30) 09/156,104 **17 Sep/sep 1998** US
(17.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)

- (54) ● CALENDAR CLOCK CACHING IN A MULTIPROCESSOR SYSTEM
● MISE EN ANTEMEMOIRE D'UNE HORLOGE CALENDRIER DANS UN SYSTEME MULTIPROCESSEUR

- (71) **BULL HN INFORMATION SYSTEMS INC.** [US/US]; 300 Concord Road, Billerica, MA 01821-4186 (US).

- (72) **ECKARD, Clinton, B.**; 23853 N. 39th Lane, Glendale, AZ 85310 (US). **SHELLY, William, A.**; 4900 East Osborn, Phoenix, AZ 85018 (US).

- (74) **SOLAKIAN, John, S.**; Bull HN Information Systems Inc., Law Office MA30-883A, 300 Concord Road, Billerica, MA 01821-4186 (US).

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

(51)⁶ G06F 1/16

- (11) **WO 00/16184** (13) A1
(21) PCT/JP99/01839
(22) **7 Apr/avr 1999 (07.04.1999)**
(25) ja (26) ja
(30) 10/260603 **14 Sep/sep 1998** JP
(14.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)

- (54) ● ELECTRONIC DEVICE
● DISPOSITIF ELECTRONIQUE

- (71) **FUJITSU LIMITED** [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **ITO, Genta** [JP/JP]; Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **KOMAHARA, Makoto** [JP/JP]; Fujitsu Personal Computer Systems Limited, 1405, Ooaza Oomaru, Inagi-shi, Tokyo 206-0801 (JP). **TANABE, Shigeki** [JP/JP]; Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

- (74) **ITOH, Tadahiko**; 32nd floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-6032 (JP).

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

(51)⁷ G06F 3/00

- (11) **WO 00/16185** (13) A2
(21) PCT/US99/18751
(22) **18 Aug/août 1999 (18.08.1999)**
(25) en (26) en
(30) 09/145,159 **1 Sep/sep 1998** US
(01.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)

- (54) ● SYSTEM AND METHOD FOR CONTROLLING HOST SYSTEM INTERFACE WITH POINT-OF-INTEREST DATA

- SYSTEME ET PROCEDE DE CONTROLE D'UNE INTERFACE SYSTEME HOTE AVEC DES DONNEES POINT D'INTERET

- (71) **SYNTHETIC ENVIRONMENTS, INC.** [US/US]; 6687 McLean Drive, McLean, VA 22101 (US).

- (72) **HATFIELD, Franz**; 6687 McLean Drive, McLean, VA 22101 (US).

- (74) **GARRETT, Arthur, S.** et al. / etc.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315 (US).

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

(51)⁷ G06F 3/00

- (11) **WO 00/16186** (13) A2
(21) PCT/US99/21301
(22) **15 Sep/sep 1999 (15.09.1999)**
(25) en (26) en
(30) 09/153,701 **15 Sep/sep 1998** US
(15.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)

- (54) ● APPARATUS AND METHOD FOR MOVING OBJECTS ON A TOUCHSCREEN DISPLAY

- DISPOSITIF ET PROCEDE PERMETTANT DE DEPLACER DES OBJETS SUR UN VISUEL A ECRAN TACTILE

- (71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).

- (72) **SINGH, Mona**; 205 Chiselhurst Way, Cary, NC 27513 (US).

- (74) **DAVIDSON, James, P.** et al. / etc.; Davidson & Gribbell, LLP, Suite 120, 10250 Alliance Road, Cincinnati, OH 45242 (US).

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

(51)⁷ G06F 3/033, G06K 11/18

- (11) **WO 00/16187** (13) A1
(21) PCT/US99/21160
(22) **13 Sep/sep 1999 (13.09.1999)**
(25) en (26) en
(30) 09/153,148 **14 Sep/sep 1998** US
(14.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)

- (54) ● INPUT DEVICE WITH FORWARD/BACKWARD CONTROL
● UNITE D'ENTREE AVEC COMMANDE AVANT-ARRIERE

- (71) **MICROSOFT CORPORATION** [US/US]; One Microsoft Way, Redmond, WA 98052-6399 (US).

- (72) **ADAN, Manolito, E.**; 16843 N.E. 159th Place, Woodinville, WA 98072 (US). **HOLMDAHL, Todd, E.**; 2314-137th Place S.E., Bothell, WA 98021 (US). **HOONING, Michael, R.**; 6206 Ravenna Avenue N.E., Seattle, WA 98115 (US). **KANEKO, Steven, T.**; 2310 North 61st Street, Seattle, WA 98103 (US). **LIPSCOMB, Terry, M.**; 103 Cascade Key, Bellevue, WA 98033 (US). **PLANK, Robert, Scott**; 4547 169th Place S.E., Bellevue, WA 98006 (US).

- (74) **MAGEE, Theodore, M.** et al. / etc.; Westman, Champlin & Kelly, P.A., International Centre, Suite 1600, 900 Second Avenue South, Minneapolis, MN 55402 (US).

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

Published / Publiée : (c)

(51)⁷ G06F 3/033, H04M 1/00

- (11) **WO 00/16188** (13) A1
(21) PCT/US99/21202
(22) **15 Sep/sep 1999 (15.09.1999)**
(25) en (26) en
(30) 09/153,769 **15 Sep/sep 1998** US
(15.09.1998)

- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • APPARATUS AND METHOD OF CONFIGURING TARGET AREAS WITHIN A TOUCHABLE ITEM OF A TOUCHSCREEN
• DISPOSITIF ET PROCÉDE PERMETTANT DE CONFIGURER DES ZONES CIBLES A L'INTERIEUR D'ARTICLES TACTILES SUR UN ECRAN TACTILE
- (71) **ERICSSON INC.** [US/US]; P.O. Box 13969, 7001 Development Drive, Research Triangle Park, NC 27709 (US).
- (72) **SINGH, Mona**; 205 Chiselhurst Way, Cary, NC 27513 (US).
- (74) **DAVIDSON, James, P.** et al. / etc.; Davidson & Gribbell, LLP, Suite 120, 10250 Alliance Road, Cincinnati, OH 45242 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **G06F 3/147**
- (11) **WO 00/16189** (13) A1
- (21) PCT/US99/20777
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 60/099,888 **11 Sep/sep 1998 (11.09.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • SMART ELECTRONIC LABEL EMPLOYING ELECTRONIC INK
• ETIQUETTE ELECTRONIQUE A MICROPROCESSEUR UTILISANT UN MARQUAGE ELECTRONIQUE
- (71, 72) **GELBMAN, Alexander** [US/US]; 18 Robinhood Drive, Mountain Lakes, NJ 07046 (US).
- (74) **LAURENTANO, Anthony, A.** et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁶ **G06F 7/00**
- (11) **WO 00/16190** (13) A1
- (21) PCT/US99/21507
- (22) **17 Sep/sep 1999 (17.09.1999)**
- (25) en (26) en
- (30) 60/100,753 **17 Sep/sep 1998 (17.09.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • APPARATUS AND METHODS FOR UNLOCKING PASSWORD PROTECTED SOFTWARE SYSTEMS TO RECOVER MASTER PASSWORD
• APPAREIL ET PROCÉDE PERMETTANT DE DEBLOQUER DES SYSTEMES LOGICIELS PROTEGES PAR MOT DE PASSE EN VUE DE RECUPERER LE MOT DE PASSE PRINCIPAL
- (71) **E GUIDE, INC.** [US/US]; 9100 Wilshire Boulevard, 7th Floor - West Tower, Beverly Hills, CA 90212 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HANCOCK, Kenneth, S.** [US/US]; 64 Stillwater Drive, Nashua, NH 03062 (US).
WARD, Thomas, E., III [US/US]; 3 Viles Street, Weston, MA 02193 (US).
MACRAE, Douglas, B. [US/US]; 23 Cart Path Road, Weston, MA 02493 (US).
- (74) **MONROE, Welsey, W.**; Christie, Parker & Hale, LLP, P.O. Box 7068, Pasadena, CA 91109-7068 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **G06F 9/00**
- (11) **WO 00/16191** (13) A2
- (21) PCT/US99/20576
- (22) **8 Sep/sep 1999 (08.09.1999)**
- (25) en (26) en
- (30) 09/152,735 **14 Sep/sep 1998 (14.09.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • ACCURATE METHOD FOR INLINING VIRTUAL CALLS
• PROCÉDE PERMETTANT D'EFFECTUER AVEC PRECISION UNE INCLUSION PAR REFERENCE D'APPELS VIRTUELS
- (71) **SUN MICROSYSTEMS, INC.** [US/US]; 901 San Antonio Road, M/S PALI-521, Palo Alto, CA 94303 (US).
- (72) **DETLEFS, David, L.**; 94 Depot Street, Westford, MA 01886 (US).
AGESEN, Ole; 154 Laurel Drive, Needham, MA 02492 (US).
- (74) **BORN, Joseph, H.**; Cesari and McKenna, LLP, 30 Rowes Wharf, Boston, MA 02110 (US) et al. / etc.
- (81) AL AU BA BB BG BR CA CN CU CZ EE GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA UZ VN YU; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **G06F 9/00**
- (11) **WO 00/16192** (13) A1
- (21) PCT/US99/21275
- (22) **15 Sep/sep 1999 (15.09.1999)**
- (25) en (26) en
- (30) 09/153,576 **15 Sep/sep 1998 (15.09.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD AND SYSTEM FOR MANAGING I/O TRANSMISSIONS IN A FIBRE CHANNEL NETWORK
• PROCÉDE ET SYSTEME POUR LA GESTION DES TRANSMISSIONS D'ENTREE-SORTIE DANS UN RESEAU EN CANAUX DE FIBRES
- (71) **CROSSROADS SYSTEMS, INC.** [US/US]; Suite II-300, 9390 Research Boulevard, Austin, TX 78759 (US).
- (72) **REYNOLDS, Robert, A.**; 19117 Soto Grande, Pflugerville, TX 78660 (US).
ARROYO, Keith, M.; 13226 Kerrville Folkway, Austin, TX 78729 (US).
- (74) **HULSEY, William, R., III**; Gray Cary Ware & Freidenrich LLP, Suite 1440, 100 Congress Avenue, Austin, TX 78701 (US).
- (81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (51)⁶ **G06F 9/06**
- (11) **WO 00/16193** (13) A1
- (21) PCT/US98/18936
- (22) **11 Sep/sep 1998 (11.09.1998)**
- (25) en (26) en
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • MANAGING MULTIPLE OPERATING SYSTEMS ON A SINGLE COMPUTER
• PROCÉDE DE GESTION DE SYSTEMES D'EXPLOITATION MULTIPLES SUR UN UNIQUE ORDINATEUR

(71) **POWERQUEST CORPORATION** [US/US]; Building K, 1359 N. Research Way, Orem, UT 84097 (US).

(72) **MADDEN, Paul, E.**; 368 West 1780 North, Orem, UT 84057 (US). **PAN, Jasper, C.**; 685 West 1400 North, Orem, UT 84057 (US). **RAYMOND, Robert, S.**; 912 North 600 West, Orem, UT 84057 (US).

(74) **OGILVIE, John, W., L.**; Computer Law++, Suite 725, 8 East Broadway, Salt Lake City, UT 84111 (US).

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

(51)⁷ **G06F 9/345**

(11) **WO 00/16194** (13) A1

(21) PCT/EP99/06764

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) 09/152,104 **14 Sep/sep 1998 US (14.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD AND APPARATUS FOR ACCESSING A COMPLEX VECTOR LOCATED IN A DSP MEMORY
• PROCEDE ET APPAREIL D'ACCES A UN VECTEUR COMPLEXE SITUE DANS UNE MEMOIRE DSP

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).

(72) **NAVEH, Gil**; 5 Hatzanhanim St., Hod Hasharon (IL). **WEINGARTEN, Eran**; 11 Dr. Eliyahu St., Ramat Gan (IL).

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

Published / Publiée : (c)

(51)⁷ **G06F 9/445, 9/44**

(11) **WO 00/16195** (13) A1

(21) PCT/US99/19407

(22) **26 Aug/août 1999 (26.08.1999)**

(25) en (26) en

(30) 09/154,266 **16 Sep/sep 1998 US (16.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD AND COMPUTER PROGRAM PRODUCT TO DYNAMICALLY INTEGRATE ADD-ON TASKS WITH CORE SOFTWARE TASKS

• PROCEDE ET PRODUIT DE PROGRAMMATION INFORMATIQUE POUR L'INTEGRATION DYNAMIQUE DE TACHES SUPPLEMENTAIRES A DES TACHES DU LOGICIEL DE BASE

(71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) **KETRENOS, James**; 7318 S.W. 152nd Avenue, Beaverton, OR 97007 (US). **MARLER, Jerilyn**; 1564 N.W. Midlake Lane, Beaverton, OR 97006 (US).

(74) **TROP, Timothy**; Trop, Pruner, Hu & Miles, P.C., Suite 100, 8554 Katy Freeway, Houston, TX 77024 (US).

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

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(51)⁷ **G06F 11/00**

(11) **WO 00/16196** (13) A1

(21) PCT/US99/18685

(22) **16 Aug/août 1999 (16.08.1999)**

(25) en (26) en

(30) 09/153,382 **15 Sep/sep 1998 US (15.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD AND APPARATUS FOR FINDING BUGS RELATED TO GARBAGE COLLECTION IN A VIRTUAL MACHINE

• PROCEDE ET APPAREIL POUR TROUVER LES BOGUES LIES A LA RECUPERATION D'ESPACE MEMOIRE DANS UNE MACHINE VIRTUELLE

(71) **SUN MICROSYSTEMS, INC.** [US/US]; 901 San Antonio Road, M/S PAL01-521, Palo Alto, CA 94303 (US).

(72) **UNGAR, David**; 844 Driftwood Drive, Palo Alto, CA 94303 (US).

(74) **HECKER, Gary, A.** et al. / etc.; Hecker & Harriman, Suite 2300, 1925 Century Park East, Los Angeles, CA 90067 (US).

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

Published / Publiée : (c)

(51)⁶ **G06F 11/00, 11/30, 1/26, 13/00, 13/38**

(11) **WO 00/16197** (13) A1

(21) PCT/US99/20550

(22) **7 Sep/sep 1999 (07.09.1999)**

(25) en (26) en

(30) 09/151,484 **11 Sep/sep 1998 US (11.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • A POWER FAILURE SAFE COMPUTER ARCHITECTURE

• ARCHITECTURE D'ORDINATEUR SANS RISQUE DE PANNE D'ALIMENTATION

(71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

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(72, 75) **ILKBAHAR, Alper** [TR/US]; 1418 Four Oaks Road, San Jose, CA 95131 (US). **CHENG, Christopher** [-/US]; Apartment #97, 720 North Fair Oaks Avenue, Sunnyvale, CA 94086 (US).

(74) **MILLIKEN, Darren, J.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

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

(51)⁶ **G06F 11/10, 12/16**

(11) **WO 00/16198** (13) A1

(21) PCT/JP98/04139

(22) **14 Sep/sep 1998 (14.09.1998)**

(25) ja (26) ja

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD OF DIAGNOSING A MEMORY FAILURE AND RECOVERING DATA, AND A MEMORY DEVICE USING THIS METHOD

• PROCEDE DE DIAGNOSTIC D'ERREUR DE MEMOIRE ET DE RECUPERATION DE DONNEES, ET DISPOSITIF DE MEMOIRE UTILISANT CE PROCEDE

(71) **FUJITSU LIMITED** [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

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

(72, 75) **LIN, Chung-hsiung** [-/JP]; Fujitsu Digital Technology Limited, 3-9, Shin-yokohama 2-chome, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 (JP). **MORIMOTO, Shigeru** [JP/JP]; Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) **HAYASHI, Tsunenori** et al. / etc.; Hayashi, Doi & Associates, Toshou-Building No. 3, 3-9-5, Shin-yokohama, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 (JP).

(81) JP US; EP (DE FR).

(51)⁶ G06F 12/00, 12/02

(11) WO 00/16199 (13) A1

(21) PCT/JP99/02471

(22) 13 May/mai 1999 (13.05.1999)

(25) ja (26) ja

(30) 10/258216 11 Sep/sep 1998 JP
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR MAKING MEMORY
MANAGEMENT TABLE AND
MEMORY DEVICE

- PROCEDE PERMETTANT DE REA-
LISER UNE TABLE DE GESTION
DE MEMOIRE ET DISPOSITIF DE
MEMOIRE

(71) FUJITSU LIMITED [JP/JP]; 1-1, Ka-
mikodanaka 4-chome, Nakahara-ku, Kawa-
saki-shi, Kanagawa 222-0033 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) SHIBAZAKI, Shogo [JP/JP]; Fujitsu
Computer Technology Limited, 15-16, Shi-
nyokohama 2-chome, Kohoku-ku, Yoko-
hama-shi, Kanagawa 222-0033 (JP). **NA-
GASE, Takeshi** [JP/JP]; Fujitsu Computer
Technology Limited, 15-16, Shinyokohama
2-chome, Kohoku-ku, Yokohama-shi, Ka-
nagawa 222-0033 (JP).(74) ITOH, Tadahiko; Yebisu Garden Place To-
wer, 32nd floor, 20-3, Ebisu 4-chome, Shi-
buya-ku, Tokyo 150-6032 (JP).

(81) KR US.

(51)⁶ G06F 12/14, 13/00, 15/00

(11) WO 00/16200 (13) A1

(21) PCT/IL98/00443

(22) 10 Sep/sep 1998 (10.09.1998)

(25) en (26) en

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD AND SYSTEM FOR MAIN-
TAINING RESTRICTED OPERATING
ENVIRONMENTS FOR APPLICATION
PROGRAMS OR OPERATING SYS-
TEMS

- PROCEDE ET SYSTEME POUR
ACTUALISER DES CON-
TEXTES D'EXPLOITATION RES-
TREINTS POUR PROGRAMMES
D'APPLICATION OU SYSTEMES
D'EXPLOITATION

(71) PERFECTO TECHNOLOGIES LTD.
[IL/IL]; Medinat Hayehudim Street 103,
46733 Herzliya (IL).(72) RESHEF, Eran; Lotem Street 16, 85338
Lehavim (IL). **RAANAN, Gil**; Hadarim
Street 19, 42823 Zoran (IL). **SOLAN, Eilon**;
Ha-Yarden Street 5, 46377 Herzliya (IL).(74) SELIGSOHN & GABRIELI; P.O. Box
1426, 61013 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 GM HR HU ID IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MD MG MK
MN MW MX NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT UA UG UZ VN
YU ZW; AP (GH GM KE LS MW SD SZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE); OA
(BF BJ CF CG CI CM GA GN GW ML MR
NE SN TD TG).(51)⁶ G06F 13/00, H04L 12/58, 12/56, 12/18

(11) WO 00/16201 (13) A1

(21) PCT/JP98/04151

(22) 16 Sep/sep 1998 (16.09.1998)

(25) ja (26) ja

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • A MULTIMEDIA DIRECT COMMU-
NICATION SYSTEM LINKED WITH
HTTP PROTOCOL

- SYSTEME MULTIMEDIA DE COM-
MUNICATION DIRECTE ASSOCIE A
UN PROTOCOLE HTTP

(71) MITSUI & CO., LTD. [JP/JP]; 2-1,
Ohtemachi 1-chome, Chiyoda-ku, Tokyo
100-0004 (JP).

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les États désignés sauf US)*

(72, 75) NISHIZAWA, Yasuo [JP/JP]; 10-5,
Kitanodai 5-chome, Hachioji-shi, Tokyo
192-0913 (JP).(74) OSHIMOTO, Yasuhiko; 201, Akasaka
Chalet II, 18-19, Akasaka 2-chome, Mi-
nato-ku, Tokyo 107-0052 (JP).(81) CA JP US; EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE).(51)⁶ G06F 13/00, 13/14, 13/38, 13/40, H04B
1/56, H04J 3/02, H04M 1/24, 1/64, 11/00

(11) WO 00/16202 (13) A1

(21) PCT/US99/18784

(22) 19 Aug/août 1999 (19.08.1999)

(25) en (26) en

(30) 09/154,600 16 Sep/sep 1998 US
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • APPARATUS AND METHOD TO EF-
FICIENTLY IMPLEMENT A SWITCH
ARCHITECTURE FOR A MULTIPRO-
CESSOR SYSTEM

- APPAREIL ET PROCEDE DE MISE EN
OEUVRE EFFICACE D'UNE ARCHI-
TECTURE DE COMMUTATEUR POUR
UN SYSTEME MULTIPROCESSEUR

(71) SONY ELECTRONICS INC. [US/US]; 1
Sony Drive, Park Ridge, NJ 07656 (US).(72) GUAN, Jeff; 908 Bentley Oaks Court, San
Ramon, CA 94583 (US). **CHEN, Jiahung**;
2012 Tradan Drive, San Jose, CA 95132
(US). **TAN, Yew-Koon**; 1522 Hammett
Court, San Jose, CA 95132 (US). **OZCE-
LIK, Taner**; 542 Military Way, Palo Alto,
CA 94306 (US). **GADRE, Shirish**; 1265
N. Capitol Avenue, No. 78, San Jose, CA
95132 (US).(74) KOERNER, Gregory et al. / etc.; Carr &
Ferrell LLP, 2222 East Bayshore Road, Suite
200, Palo Alto, CA 94303 (US).(81) AE AL AM AT AU AZ BA BB BG BR BY
CA CH CN CU CZ DE DK EE ES FI GB
GD GE GH GM HR HU ID IL IN IS JP KE
KG KP KR KZ LC LK LR LS LT LU LV
MD MG MK MN MW MX NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT
UA UG UZ VN YU ZA ZW; AP (GH GM
KE LS MW SD SL SZ UG ZW); EA (AM
AZ BY KG KZ MD RU TJ TM); EP (AT
BE CH CY DE DK ES FI FR GB GR IE IT
LU MC NL PT SE); OA (BF BJ CF CG CI
CM GA GN GW ML MR NE SN TD TG).(51)⁶ G06F 13/00

(11) WO 00/16203 (13) A1

(21) PCT/US99/20387

(22) 2 Sep/sep 1999 (02.09.1999)

(25) en (26) en

(30) 09/151,564 11 Sep/sep 1998 US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • RULES-BASED MULTIME-
DIA CUSTOMER/ENTERPRISE
INTERACTION-NETWORK
OPERATING-SYSTEM

- SYSTEME A REGLES ETABLIES
POUR LA MISE EN OEUVRE EN
RESEAU DE L'INTERACTION MUL-
TIMEDIA ENTRE CLIENTS ET EN-
TREPRISE

(71) GENESYS TELECOMMUNICATIONS
LABORATORIES, INC. [US/US]; 11th
Floor, 1155 Market Street, San Francisco,
CA 94103 (US).(72) BECK, Christopher, Clemmett, Macleod;
2043 S. Horne, Oceanside, CA 92054 (US).
BERKE, Jonathan, Michael; 1359 Be-
ryll Street, San Diego, CA 92109 (US).
JOHNSTONE, Joel, A.; 5140 Georgetown
Avenue, San Diego, CA 92110 (US). **MIT-
CHELL, Robin, Marie**; 2041 Manches-
ter Avenue, Cardiff, CA 92007 (US). **PO-
WERS, James, Karl**; 4604 Trafalgar Lane,
Carlsbad, CA 92008 (US). **SIDELL, Mark,
Franklin**; 303 Country Club Road, Chapel
Hill, NC 27514 (US). **KNUFF, Charles,
Dazler**; 2141 Palomar Airport Road #200,
Carlsbad, CA 92009 (US).(74) BOYS, Donald, R.; P.O. Box 187, Aromas,
CA 95004 (US).(81) AE AL AM AT AU AZ BA BB BG BR BY
CA CH CN CU CZ DE DK EE ES FI GB
GD GE GH GM HR HU ID IL IN IS JP KE
KG KP KR KZ LC LK LR LS LT LU LV
MD MG MK MN MW MX NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT
UA UG UZ VN YU ZA ZW; AP (GH GM
KE LS MW SD SL SZ UG ZW); EA (AM
AZ BY KG KZ MD RU TJ TM); EP (AT
BE CH CY DE DK ES FI FR GB GR IE IT
LU MC NL PT SE); OA (BF BJ CF CG CI
CM GA GN GW ML MR NE SN TD TG).

(51)⁶ G06F 13/00

(11) WO 00/16204 (13) A1

(21) PCT/US99/20931

(22) 13 Sep/sep 1999 (13.09.1999)

(25) en (26) en

(30) 90/156,533 17 Sep/sep 1998 US
(17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● SYSTEM FOR CAPTURING AND PROCESSING DATA STREAMS UPON AVAILABILITY OF A PROCESS BUFFER

● SYSTEME SERVANT A SAISIR ET A TRAITER DES TRAINS DE DONNEES AU MOYEN D'UN TAMPON DE TRAITEMENT DISPONIBLE

(71) SONY ELECTRONICS INC. [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).

(72) LYM, Kevin, K.; 108 Hudson Bay, Alameda, CA 94502 (US). SHIMA, Hisato; 915 Inverness Way, Sunnyvale, CA 94087 (US). WHITE, Larry; 3530 Cuesta, San Jose, CA 95148 (US). VU, Quan; 2200 Skyline Drive, Milpitas, CA 95035 (US).

(74) HAVERSTOCK, Thomas, B. et al. / etc.; Haverstock & Owens LLP, Suite 420, 260 Sheridan Avenue, Palo Alto, CA 94306 (US).

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

(51)⁶ G06F 13/00, 15/16

(11) WO 00/16205 (13) A1

(21) PCT/US99/20963

(22) 9 Sep/sep 1999 (09.09.1999)

(25) en (26) en

(30) 09/151,530 11 Sep/sep 1998 US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● METHOD FOR CONTROLLING A COMPUTER WITH AN AUDIO SIGNAL

● PROCEDE DE COMMANDE D'UN ORDINATEUR A L'AIDE D'UN SIGNAL AUDIO

(71) DIGITALCONVERGENCE.COM INC. [US/US]; 4264 Kellway Circle, Addison, TX 75244 (US).

(72) PHILYAW, Jeffrey, Jovan; 5968 West Northwest Highway, No. 1813, Dallas, TX 75225 (US). MATHEWS, David, Kent; 3438 Livingston Lane, Carrollton, TX 75007 (US). SMITH, Brad, Maxwell; 4016 Hackmore Loop, Irving, TX 75061 (US). ADAMS, Paul, Scovell; 7419 Gracefield Lane, Dallas, TX 75248 (US).

(74) HOWISON, Gregory, M.; Thompson & Howison, L.L.P., P.O. Box 741715, Dallas, TX 75374-1715 (US).

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

(51)⁶ G06F 13/38

(11) WO 00/16206 (13) A1

(21) PCT/IL98/00439

(22) 10 Sep/sep 1998 (10.09.1998)

(25) en (26) en

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● METHOD AND SYSTEM FOR PROTECTING OPERATIONS OF TRUSTED INTERNAL NETWORKS

● PROCEDES ET SYSTEMES DE PROTECTION D'OPERATIONS SUR DES RESEAUX INTERNES DE CONFIANCE

(71) PERFECTO TECHNOLOGIES LTD. [IL/IL]; Medinat Hayehudim Street 103, 46733 Herzliya (IL).

(72) RESHEF, Eran; Lotem Street 16, 85338 Lehavim (IL). RAANAN, Gil; Hadarim Street 19, 42823 Zoran (IL). SOLAN, Eilon; Ha-Yarden Street 5, 46377 Herzelia (IL).

(74) SELIGSOHN & GABRIELI; P.O. Box 1426, 61013 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 GM HR HU ID IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁶ G06F 15/00, 13/00

(11) WO 00/16207 (13) A1

(21) PCT/US99/20461

(22) 2 Sep/sep 1999 (02.09.1999)

(25) en (26) en

(30) 09/151,429 11 Sep/sep 1998 US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● METHOD AND APPARATUS FOR RULES-BASED STORAGE AND

RETRIEVAL OF MULTIMEDIA INTERACTIONS WITHIN A COMMUNICATION CENTER

● PROCEDE ET DISPOSITIF PERMETTANT LE STOCKAGE ET LA RECHERCHE, FONDES SUR DES REGLES, D'INTERACTIONS MULTIMEDIA DANS UN CENTRE DE COMMUNICATIONS

(71) GENESYS TELECOMMUNICATIONS LABORATORIES, INC. [US/US]; 11th floor, 1155 Market Street, San Francisco, CA 94103 (US).

(72) BECK, Christopher, Clemmett, Macleod; 2043 S. Horne, Oceanside, CA 92054 (US). BERKE, Jonathan, Michael; 1359 Beryl Street, San Diego, CA 92109 (US). JOHNSTONE, Joel, A.; 5140 Georgetown Avenue, San Diego, CA 92110 (US). MITCHELL, Robin, Marie; 2041 Manchester Avenue, Cardiff, CA 92007 (US). POWERS, James, Karl; 4604 Trafalgar Lane, Carlsbad, CA 92008 (US). SIDELL, Mark, Franklin; 303 Country Club Road, Chapel Hill, NC 27514 (US). KNUFF, Charles, Dazler; 2141 Palomar Airport Road #200, Carlsbad, CA 92009 (US).

(74) BOYS, Donald, R.; P.O. Box 187, Aromas, CA 95004 (US).

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

(51)⁶ G06F 15/16

(11) WO 00/16208 (13) A1

(21) PCT/US99/21046

(22) 15 Sep/sep 1999 (15.09.1999)

(25) en (26) en

(30) 09/264,988 15 Sep/sep 1998 US
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● SYSTEM AND METHOD FOR INFORMATION AND APPLICATION DISTRIBUTION

● SYSTEME ET PROCEDE DE DISTRIBUTION D'INFORMATIONS ET D'APPLICATIONS

(71) DIGITAL ADDICTION, INC. [US/US]; 312 Laurel Avenue, Laurel, MD 20707 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) HARVEY, James, Warren [US/US]; Apartment 108, 8029 Eastern Avenue, Silver Spring, MD 20910 (US). HAM, Ethan [US/US]; 1821 N. Wayne Street, Arlington, VA 22201 (US). ROSENBAUM, Benjamin [US/US]; 517 Montgomery Street #4, Laurel, MD 20707 (US). MOYER, Lee

- [US/US]; 37 Orchard Towne Court #3303, Laurel, MD 20707 (US). **LEWIS, Jeff** [US/US]; 320-A Curtner Avenue, Palo Alto, CA 94306 (US). **DEKELBAUM, Robert** [US/US]; 3708 Claymont Street, Laurel, MD 20724 (US). **D'AMELIO, Marcus** [US/US]; 8214 Gorman Avenue #169, Laurel, MD 20702 (US). **POWER, Leslie** [US/US]; 1601 18th Street N.W. #302, Washington, D.C. 20009 (US).
- (74) **LINK, Jonathan, D.** et al. / etc.; Hunton & Williams, 12th floor, 1900 K. Street N.W., Washington, D.C. 20006 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁶ **G06F 15/16**
- (11) **WO 00/16209** (13) A1
- (21) PCT/US99/21589
- (22) **15 Sep/sep 1999 (15.09.1999)**
- (25) en (26) en
- (30) 60/100,387 **15 Sep/sep 1998** US
(15.09.1998)
- (30) 60/115,566 **12 Jan/jan 1999** US
(12.01.1999)
- (30) 60/143,947 **15 Jul/juil 1999** US
(15.07.1999)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **DYNAMIC MATCHING™ OF USERS FOR GROUP COMMUNICATION**
- **CORRESPONDANCE DYNAMIQUE™ DES UTILISATEURS POUR LA COMMUNICATION EN GROUPE**
- (71) **LOCAL2ME.COM, INC.** [US/US]; 2517 Nedson Court, Mountain View, CA 94043 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OLIVIER, Michael** [-/US]; 2517 Nedson Court, Mountain View, CA 94043 (US).
- (74) **HAMRICK, Claude, A., S.** et al. / etc.; Oppenheimer Wolff & Donnelly LLP, Suite 200, 3373 Hillview Avenue, Palo Alto, CA 94304 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁶ **G06F 15/16, 15/167**
- (11) **WO 00/16210** (13) A1
- (21) PCT/US99/21656
- (22) **17 Sep/sep 1999 (17.09.1999)**
- (25) en (26) en
- (30) 60/100,697 **17 Sep/sep 1998** US
(17.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **AFFILIATE COMMERCE SYSTEM AND METHOD**
- **SYSTEME ET PROCEDE DE COMMERCE AFFILIE**
- (71) **NEXCHANGE CORPORATION** [US/US]; Suite 120-B, 500 Sugar Mill Road, Atlanta, GA 30350 (US).
- (72) **ROSS, D., Delano, Jr.**; 1040 Vinebrook Lane, Alpharetta, GA 30005 (US). **ROSS, Daniel, D.**; 1859 Tennille Court, Dunwoody, GA 30338 (US). **MICHAELS, Joseph, R.**; 4660 East Forest Peak, Marietta, GA 30066 (US). **MAY, William, R.**; 1394 Emory Road, N.E., Atlanta, GA 30306 (US). **ANDERSON, Richard, A.**; 4893 Country Cove Way, Powder Springs, GA 30127 (US).
- (74) **KIRSCH, Gregory, J.** et al. / etc.; Needle & Rosenberg, P.C., The Candler Building, Suite 1200, 127 Peachtree Street, N.E., Atlanta, GA 30303-1811 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁶ **G06F 15/163, 13/14**
- (11) **WO 00/16211** (13) A1
- (21) PCT/US99/20694
- (22) **9 Sep/sep 1999 (09.09.1999)**
- (25) en (26) en
- (30) 09/151,471 **11 Sep/sep 1998** US
(11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **METHOD FOR INTERFACING SCANNED PRODUCT INFORMATION WITH A SOURCE FOR THE PRODUCT OVER A GLOBAL NETWORK**
- **PROCEDE D'INTERFAÇAGE D'INFORMATIONS DE PRODUIT LUES OPTIQUEMENT AVEC UNE SOURCE DU PRODUIT SUR UN RESEAU MONDIAL**
- (71) **DIGITALCONVERGENCE.COM INC.** [US/US]; 4264 Kellway Circle, Addison, TX 75244 (US).
- (72) **PHILYAW, Jeffry, Jovan**; 5968 West Northwest Highway, N°. 1813, Dallas, TX 75225 (US). **MATHEWS, David, Kent**; 3438 Livingston Lane, Carrollton, TX 75007 (US). **SMITH, Brad, Maxwell**; 4016 Hackmore Loop, Irving, TX 75061 (US). **ADAMS, Paul, Scovell**; 7419 Gracefield Lane, Dallas, TX 75248 (US).
- (74) **HOWISON, Gregory, M.**; Thompson & Howison, L.L.P., P.O. Box 741715, Dallas, TX 75374-1715 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁶ **G06F 15/18, G06G 7/00**
- (11) **WO 00/16212** (13) A1
- (21) PCT/US98/18744
- (22) **10 Sep/sep 1998 (10.09.1998)**
- (25) en (26) en
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **METHOD AND APPARATUS FOR NEURAL NETWORKING USING SEMANTIC ATTRACTOR ARCHITECTURE**
- **PROCEDE ET APPAREIL POUR LA CONSTITUTION D'UN RESEAU NEURONAL UTILISANT UNE ARCHITECTURE D'ATTRACTEUR SEMANTIQUE**
- (71, 72) **COOPER, David, L.** [US/US]; 3634 West Ox Road, Fairfax, VA 22033 (US).
- (74) **KURTZ, Richard, E.** et al. / etc.; Millen, White, Zelano & Branigan, P.C., Suite 1400, 220 Clarendon Boulevard, Arlington, VA 22201 (US).
- (81) AU CA IL JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (51)⁶ **G06F 15/42, G07F 11/52, B65B 1/04, 1/08, 1/30, 57/00, 57/20, 61/26**
- (11) **WO 00/16213** (13) A1
- (21) PCT/US99/19849
- (22) **27 Aug/août 1999 (27.08.1999)**
- (25) en (26) en
- (30) 60/098,124 **27 Aug/août 1998** US
(27.08.1998)
- (30) 09/209,995 **11 Dec/déc 1998** US
(11.12.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • INTEGRATED AUTOMATED DRUG DISPENSER METHOD AND APPARATUS

• SYSTEME ET PROCEDE POUR LA DISTRIBUTION INTEGREE DE MEDICAMENTS

(71) AUTOMED TECHNOLOGIES, INC. [US/US]; 875 Woodlands Parkway, Vernon Hills, IL 60061 (US).

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

(72, 75) HEBRON, Terrance, J. [US/US]; 41137 North Savage Road, Antioch, IL 60002 (US). VANDY BOGURT, Douglas, L. [US/US]; 12597 136th Avenue, Grand Haven, MI 49417 (US).

(74) MUNGER, John, E.; Jansson, Shupe, Bridge & Munger, Ltd., Suite M, 245 Main Street, Racine, WI 53403-1034 (US).

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

Published / Publiée : (c)

(51)⁷ G06F 15/48, 17/00, 19/00, G01S 13/56, G08G 1/01, G05D 5/00

(11) WO 00/16214 (13) A1

(21) PCT/DE99/01628

(22) 2 Jun/juin 1999 (02.06.1999)

(25) de (26) de

(30) 198 42 176.1 15 Sep/sep 1998 DE (15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD AND DEVICE FOR TRAFFIC SIGN RECOGNITION AND NAVIGATION

• PROCEDE ET DISPOSITIF POUR LA RECONNAISSANCE DE SIGNAUX ROUTIERS ET LA NAVIGATION

(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) JANSSEN, Holger [DE/DE]; Linckeweg 7, D-31787 Hameln (DE).

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

(51)⁶ G06F 17/21

(11) WO 00/16215 (13) A1

(21) PCT/JP98/04059

(22) 10 Sep/sep 1998 (10.09.1998)

(25) ja (26) ja

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • DOCUMENT DELIBERATING APPARATUS, DOCUMENT DELIBERATING SYSTEM, AND COMPUTER-READABLE RECORDING MEDIUM STORED WITH PROGRAMS FOR OPERATING COMPUTERS AS DOCUMENT DELIBERATING APPARATUS

• APPAREIL D'EXAMEN DE DOCUMENTS, SYSTEME D'EXAMEN DE DOCUMENTS ET SUPPORT D'ENREGISTREMENT EXPLOITABLE PAR ORDINATEUR ET SERVANT A MEMORISER DES PROGRAMMES PERMETTANT D'EXPLOITER DES ORDINATEURS EN TANT QU'APPAREILS D'EXAMEN DE DOCUMENTS

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

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

(72, 75) OHASHI, Tadashi [JP/JP]; Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) SAKAI, Hiroaki; Tokyo Club Building, 2-6, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) JP US.

(51)⁶ G06F 17/30, 3/00

(11) WO 00/16216 (13) A1

(21) PCT/JP99/04974

(22) 10 Sep/sep 1999 (10.09.1999)

(25) ja (26) ja

(30) 10/276533 11 Sep/sep 1998 JP (11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • CM DISPLAY DEVICE

• DISPOSITIF D'AFFICHAGE CM

(71) HYPERTECH CO., LTD. [JP/JP]; c/o ASTEM, Kyoto Resarch Park, 17, Minami-machi, Cyudoji, Shimogyo-ku, Kyoto-shi, Kyoto 600-8813 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) OGAWA, Mutsumi [JP/JP]; 7-3, Hanazono-cho, Iwakura, Sakyo-ku, Kyoto-shi, Kyoto 606-0024 (JP).

(74) HYPERTECH CO., LTD.; c/o ASTEM, Kyoto Resarch Park, 17, Minami-machi, Cyudoji, Shimogyo-ku, Kyoto-shi, Kyoto 600-8813 (JP).

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

(51)⁷ G06F 17/30

(11) WO 00/16217 (13) A1

(21) PCT/US99/19459

(22) 26 Aug/août 1999 (26.08.1999)

(25) en (26) en

(30) 09/153,369 15 Sep/sep 1998 US (15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • MAINTAINING ACCESS TO A VIDEO STACK AFTER AN APPLICATION CRASH

• MAINTIEN D'ACCES A UNE PILE VIDEO APRES UNE PANNE D'APPLICATION

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) KETRENOS, James; 7318 SW 152nd, Beaverton, OR 97007 (US).

(74) TROP, Timothy; Trop, Pruner, Hu & Miles, P.C., Suite 100, 8554 Katy Freeway, Houston, TX 77024 (US).

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

Published / Publiée : (c)

(51)⁶ G06F 17/30

(11) WO 00/16218 (13) A1

(21) PCT/US99/20486

(22) 10 Sep/sep 1999 (10.09.1999)

(25) en (26) en

(30) 09/153,151 14 Sep/sep 1998 US (14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • INTERNET SITE SEARCHING AND LISTING SERVICE BASED ON MONETARY RANKING OF SITE LISTINGS

• SERVICE DE RECHERCHE DE SITES ET DE LISTAGE INTERNET SUR LA BASE D'UN CLASSEMENT MONETAIRE DES LISTES DE SITES

(71) SEARCHUP, INC. [US/US]; 6009 Kalaniana'ole Highway, Honolulu, HI 96821 (US).

(72) BUCK, Bryan, J.; 635 Kuliuou Place, Honolulu, HI 96821 (US). MELCHER, Michael, J.; 6009 Kalaniana'ole Highway, Honolulu, HI 96821 (US).

(74) CHONG, Leighton, K.; Ostrager Chong Flaherty & Onofrio, Suite 1200, 841 Bishop Street, Honolulu, HI 96813-3908 (US).

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

Published / Publiée : (c)

(51)⁶ G06F 17/30

(11) WO 00/16219 (13) A1

(21) PCT/US99/20693

(22) 9 Sep/sep 1999 (09.09.1999)

(25) en (26) en

(30) 60/099,742 10 Sep/sep 1998 US (10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • DETECTION OF UNAUTHORIZED USE OF PAYMENT INSTRUMENTS OVER COMMERCIAL NETWORK SYSTEMS
- DETECTION D'UTILISATION NON AUTORISEE D'INSTRUMENTS DE PAIEMENT SUR DES SYSTEMES DE RESEAU COMMERCIAUX

(71, 72) **PEKAREK-KOSTKA, Peter** [AT/US]; 2114 Town Place, Middletown, CT 06457 (US).

(74) **RISTAS, L., James** et al. / etc.; Alix, Yale & Ristas, LLP, 750 Main Street, Hartford, CT 06103 (US).

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

(51)⁶ **G06F 17/30**

(11) **WO 00/16220** (13) A1

(21) PCT/US99/21305

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 60/100,724 **17 Sep/sep 1998** US
(17.09.1998)

(30) 60/100,740 **17 Sep/sep 1998** US
(17.09.1998)

(30) 09/354.935 **15 Jul/juill 1999** US
(15.07.1999)

(30) Not furnished / **15 Sep/sep 1999** US
non communiqué (15.09.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • METHOD AND APPARATUS FOR PROVIDING AN EXPRESSION DATA MINING DATABASE AND LABORATORY INFORMATION MANAGEMENT

• DISPOSITIF ET PROCEDE POUR L'ELABORATION D'UNE BASE DE DONNEES QUI PERMET D'EXTRAIRE DES DONNEES RELATIVES A L'EXPRESSION ET D'ASSURER LA GESTION D'INFORMATIONS DE LABORATOIRE

(71) **AFFYMETRIX, INC.** [US/US]; 3380 Central Expressway, Santa Clara, CA 95051 (US).

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(72, 75) **BALABAN, David, J.** [US/US]; 10224 Peninsula Avenue, Cupertino, CA 95014 (US). **KHURGIN, Elina** [US/US]; 22999 Voss Avenue, Cupertino, CA 95014 (US). **BERNHART, Derek, H.** [US/US]; 11 Seale Avenue, Palo Alto, CA 94303 (US). **SOWATSKY, John** [US/US]; 44020 Cerro Court, Fremont, CA 94539 (US). **AGGARWAL, Aurn** [US/US]; 3374 Tryna Drive, Mountain View, CA 94040 (US). **JEVONS, Luis** [US/US]; 701 Ramona Avenue, Sunnyvale, CA 94087 (US).

(74) **DURDIK, Paul, A.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111-3834 (US).

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

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(51)⁷ **G06F 17/30, 17/24**

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(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 60/100,452 **15 Sep/sep 1998** US
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • INTERACTIVE PLAYLIST GENERATION USING ANNOTATIONS
- GENERATION DE LISTE DE DIFFUSION INTERACTIVE AVEC DES ANNOTATIONS

(71) **MICROSOFT CORPORATION** [US/US]; One Microsoft Way, Redmond, WA 98052-6399 (US).

(72) **GUPTA, Anoop**; 19908 NE 129th Street, Woodinville, WA 98072 (US). **BARGERON, David, M.**; 7211 30th Avenue NW, Seattle, WA 98117 (US).

(74) **SPONSELLER, Allan, T.**; Suite 500, 421 W. Riverside Avenue, Spokane, WA 99201 (US).

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

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(51)⁶ **G06F 17/30**

(11) **WO 00/16222** (13) A1

(21) PCT/US99/21661

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) en (26) en

(30) 09/156,075 **17 Sep/sep 1998** US
(17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • DATABASE SYNCHRONIZATION AND ORGANIZATION SYSTEM AND METHOD

• SYNCHRONISATION DE BASE DE DONNEES, SYSTEME ET PROCEDE D'ORGANISATION

(71) **SYNCHROLOGIC, INC.** [US/US]; 250 14th Street, Fourth floor, Atlanta, GA 30318 (US).

(72) **MAHAJAN, Sameer, S.**; 2465 NW Schmidt Way #320, Beaverton, OR 97006 (US). **MALIK, Sanjoy**; 2604 Forrest Way, Atlanta, GA 30305 (US). **DONAHOO, Michael, J.**; 3010 Treterrace Parkway, Austell, GA 30168 (US). **NAVATHE, Shamkant, B.**; 10120 Twingate Drive, Alpharetta, GA 30022 (US). **AMMAR, Mostafa, H.**; 3050 Wembley Forest Court, Doraville, GA 30340 (US). **MCGEOUGH, Frank, H.**; 5437 Oxford Chaseway, Dunwoody, GA 30338 (US).

(74) **STACHLER, Robert, E.**; Thomas, Kayden, Horstemeyer & Risley LLP, 100 Galleria Parkway, Suite 1500, Atlanta, GA 30339 (US).

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

(51)⁶ **G06F 17/40**

(11) **WO 00/16223** (13) A1

(21) PCT/CH98/00395

(22) **15 Sep/sep 1998 (15.09.1998)**

(25) fr (26) fr

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • MODULAR DATA COLLECTION SYSTEM
- SYSTEME MODULAIRE D'ACQUISITION DE DONNEES

(71) **ACQIRIS** [CH/CH]; 18, chemin des Aulx, CH-1228 Plan-les-Ouates (CH).

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(72, 75) **VITTE, Jean-Pierre** [CH/CH]; 139, route de Lully, CH-1233 Lully (CH). **GOUMAZ, Jean-François** [CH/CH]; 17, Avenue Amandolier, CH-1208 Genève (CH). **BOLLI, Jean-Luc** [CH/CH]; 18, chemin Briquet, CH-1209 Genève (CH). **MAUMARY, Yves** [CH/CH]; 10, rue Jean-Gutenberg, CH-1201 Genève (CH). **LAVANCHY, Didier** [CH/CH]; 12, Pré-Vulliemmin, CH-1400 Cheseaux-Noreaz (CH). **HUNGERBÜHLER, Viktor** [CH/CH]; 30, chemin Grandes Vignes, CH-1242 Satigny (CH).

(74) **P & TS**; Patents & Technology Surveys, Fornerod & Saam, Faubourg du Lac 2, P.O. Box 1448, CH-2001 Neuchâtel (CH).

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

(51)⁶ G06F 17/60

(11) WO 00/16224 (13) A1

(21) PCT/US98/19196

(22) 11 Sep/sep 1998 (11.09.1998)

(25) en (26) en

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • COMMUNICATION OF CREDIT FILTERED PRICES IN AN ELECTRONIC BROKERAGE SYSTEM

• COMMUNICATION DE PRIX POUR CREDIT, APRES FILTRAGE, DANS UN SYSTEME DE COURTAGE ELECTRONIQUE

(71) EBS DEALING RESOURCES, INC. [US/US]; 24th Floor, 535 Madison Avenue, New York, NY 10022 (US).

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(72, 75) MILLS, Gregory, D. [US/US]; 33 Felch Road, Florham Park, NJ 07932-2119 (US). JAIN, Neena [US/US]; 3756 Victory Street, South Plainfield, NJ 07932-2119 (US). HOWORKA, Edward, R. [PL/US]; 2043 Gates Court, Morris Plains, NJ 07950 (US).

(74) MAY, John, M.; Fulbright & Jaworski, L.L.P., 29th floor, 865 South Figueroa Street, Los Angeles, CA 90017-2576 (US).

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

(51)⁶ G06F 17/60

(11) WO 00/16225 (13) A1

(21) PCT/US98/20709

(22) 29 Sep/sep 1998 (29.09.1998)

(25) en (26) en

(30) 09/151,715 11 Sep/sep 1998 US (11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ENHANCING UTILITY AND DIVERSIFYING MODEL RISK IN A PORTFOLIO OPTIMIZATION FRAMEWORK

• AMELIORATION DE L'UTILITE ET DIVERSIFICATION DES RISQUES DE MODELES DANS UNE STRUCTURE D'OPTIMISATION DE PORTEFEUILLE

(71) FINANCIAL ENGINES, INC. [US/US]; Suite 200, 1804 Embarcardero Road, Palo Alto, CA 94303 (US).

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

(72, 75) SCOTT, Jason, S. [US/US]; Apartment #4, 308 Waverly Street, Menlo Park, CA 94025 (US). JONES, Christopher, L. [US/US]; 805 Cape Cod Drive, Redwood Shores, CA 94065 (US). SHEARER, James, W. [US/US]; Suite 200, 1804 Embarcardero Road, Palo Alto, CA 94303 (US). WATSON, John, G. [US/US]; 725 Magnolia Street, Menlo Park, CA 94025 (US).

(74) DESANCTIS, Michael, A. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

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

(51)⁶ G06F 17/60

(11) WO 00/16226 (13) A1

(21) PCT/US99/20510

(22) 9 Sep/sep 1999 (09.09.1999)

(25) en (26) en

(30) 09/153,143 14 Sep/sep 1998 US (14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD AND APPARATUS FOR MANAGING TAXABLE EVENTS WITHIN A PORTFOLIO

• PROCEDE ET APPAREIL DE GESTION D'EVENEMENTS IMPOSABLES DANS UN PORTEFEUILLE

(71) FOLIO TRADE LLC [US/US]; 7923 Jones Branch Drive, McLean, VA 22102 (US).

(72) WALLMAN, Steven, M., H.; 9332 Ramey Lane, Great Falls, VA 22066 (US).

(74) BRAINARD, Charles, R. et al. / etc.; Kenyon & Kenyon, Suite 700, 1500 K Street, N.W., Washington, DC 20005 (US).

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

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(51)⁶ G06F 17/60

(11) WO 00/16227 (13) A1

(21) PCT/US99/20695

(22) 9 Sep/sep 1999 (09.09.1999)

(25) en (26) en

(30) 09/153,632 15 Sep/sep 1998 US (15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ELECTRONIC GIFT CERTIFICATE SYSTEM

• SYSTEME DE CERTIFICATS ELECTRONIQUES DE REMISE

(71) AMAZON.COM [US/US]; Suite 1200, 1200 12th Avenue South, Seattle, WA 98144 (US).

(72) VAN DUSEN, Karen, L.; 14026 227th Avenue, N.E., Woodinville, WA 98072 (US).

(74) ALTMAN, Daniel, E.; Knobbe, Martens, Olson & Bear, LLP, Sixteenth Floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).

(81) AE AL AM AT AU (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ G06F 17/60

(11) WO 00/16228 (13) A1

(21) PCT/US99/20983

(22) 10 Sep/sep 1999 (10.09.1999)

(25) en (26) en

(30) 09/154,373 16 Sep/sep 1998 US (16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • COMPUTER-IMPLEMENTED PRODUCT DEVELOPMENT PLANNING METHOD

• SYSTEME DE PLANIFICATION DE DEVELOPPEMENT DE PRODUIT PAR ORDINATEUR

(71) I2 TECHNOLOGIES, INC. [US/US]; Suite 1600, 909 East Las Colinas Boulevard, Irving, TX 75039 (US).

(72) CHERNEFF, Jonathan, M.; 148 Central Avenue, Milton, MA 02186 (US). KUMAR, Krishna; 8 Craigie Circle #38, Cambridge, MA 02138 (US).

(74) **KENNERLY, Christopher, W.**; Baker & Botts, L.L.P., 2001 Ross Avenue, Dallas, TX 75204-2980 (US).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁶ **G06F 19/00**

(11) **WO 00/16229** (13) A1

(21) PCT/US99/18851

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 09/151,296 **11 Sep/sep 1998 US (11.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● **SERVER-SIDE COMMERCE FOR DELIVER-THEN-PAY CONTENT DELIVERY**
● **COMMERCE COTE-SERVEUR POUR DISTRIBUTION D'UN CONTENU AVEC PAIEMENT AU REÇU**

(71) **PREVIEW SYSTEMS, INC.** [US/US]; 1601 S. De Anza Boulevard, Suite 100, Cupertino, CA 95014 (US).

(72) **FLOYD, Michal**; 767 Upland Road, Redwood City, CA 94062 (US). **HORSTMAN, Cay, S.**; 11801 Sierra Spring Court, Cupertino, CA 94014 (US). **LUNDE, Ron, E.**; 2016 N.E. Irving, Portland, OR 97232 (US).

(74) **KREBS, Robert, E.**; Burns, Doane, Swecker & Mathis, LLP, P.O. Box 1404, Alexandria, VA 22313-1404 (US).

(81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)⁶ **G06F 19/00**

(11) **WO 00/16230** (13) A1

(21) PCT/US99/21150

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 60/100,777 **17 Sep/sep 1998 US (17.09.1998)**

(30) 09/282,047 **29 Mar/mar 1999 US (29.03.1999)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● **AVIATION, TERRAIN AND WEATHER DISPLAY SYSTEM**

● **SYSTEME D'AFFICHAGE DE DONNEES AERONAUTIQUES, METEOROLOGIQUES ET DE TERRAIN**

(71, 72) **ARATOW, Michael** [US/US]; 344 Bush Street, Mountain View, CA 94041 (US). **SIMON, Robert, S.** [US/US]; 45-21st Avenue, San Francisco, CA 94212 (US).

(74) **ASHBY, David, C.** et al. / etc.; Flehr Hobbach Test Albritton & Herbert LLP, Suite 3400, 4 Embarcadero Center, San Francisco, CA 94111-4187 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁶ **G06F 19/00, C12Q 1/00**

(11) **WO 00/16231** (13) A1

(21) PCT/US99/21151

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 60/100,290 **14 Sep/sep 1998 US (14.09.1998)**

(30) 60/100,224 **14 Sep/sep 1998 US (14.09.1998)**

(30) 60/109,232 **18 Nov/nov 1998 US (18.11.1998)**

(30) 60/109,234 **18 Nov/nov 1998 US (18.11.1998)**

(30) 09/320,372 **26 May/mai 1999 US (26.05.1999)**

(30) 09/320,270 **26 May/mai 1999 US (26.05.1999)**

(30) 09/320,371 **26 May/mai 1999 US (26.05.1999)**

(30) 09/320,545 **26 May/mai 1999 US (26.05.1999)**

(30) 09/320,544 **26 May/mai 1999 US (26.05.1999)**

(30) 09/320,069 **26 May/mai 1999 US (26.05.1999)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● **METHOD FOR SCREENING AND PRODUCING COMPOUND LIBRARIES**

● **PROCEDE DE CRIBLAGE ET DE PRODUCTION DE BIBLIOTHEQUES DE COMPOSES**

(71) **NAVICYTE, INC.** [US/US]; 9880 Campus Point Drive, San Diego, CA 92121 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GRASS, George, M.** [US/US]; 1506 Juniper Mountain Road, P.O. Box 1242, Tahoe City, CA 96145 (US). **LEESMAN, Glen, D.** [US/US]; 186 Nighthawk Lane, Hamilton, MT 59840-9307 (US). **NORRIS, Daniel, A.** [US/US]; 3145 Cowley Way #130, San Diego, CA 92117 (US). **SINKO, Patrick, J.** [US/US]; 2 Country Place, Lebanon, NJ 08833 (US). **WEHRLI, John, E.** [US/US]; 4225 Corte de la Siena, San Diego, CA 92130 (US).

(74) **POSTNER, Marya, A.**; Cooley Godward LLP, 3000 El Camino Real, Five Palo Alto Square, Palo Alto, CA 94306-2155 (US) et al. / etc.

(81) AU CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)⁶ **G06F 153/00**

(11) **WO 00/16232** (13) A1

(21) PCT/US99/21008

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 60/100,407 **15 Sep/sep 1998 US (15.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● **TECHNIQUES FOR TRADING COMMODITIES ON A PRIVATE TRADING SYSTEM AND NOT REGULATED BY THE GOVERNMENT**

● **TECHNIQUES DE TRANSACTIONS COMMERCIALES AVEC DES PRODUITS AU COMPTANT DANS UN SYSTEME COMMERCIAL PRIVE NON REGULE PAR LE GOUVERNEMENT**

(71) **TALPX, INC.** [US/US]; Suite 300, 303 West Madison, Chicago, IL 60606 (US).
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(72, 75) **ADAMS, David, T.** [CA/CA]; 27 Fulton Avenue, Toronto, Ontario M4K 1X6 (CA). **FRANKFORT, George** [CA/CA]; 52 Post Road, North York, Ontario M3B 1H8 (CA). **MACIVER, Donald, A.** [CA/CA]; 22 Chiswell Crescent, Willowdale, Ontario M2N 6E1 (CA).

(74) **MOLINELLI, Eugene, J.** et al. / etc.; McDermott, Will & Emery, 600 13th Street, N.W., Washington, DC 20005-3096 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ **G06G 7/186, G05F 1/46, H01S 5/042, H05B 33/08, H02M 1/15**

(11) **WO 00/16233** (13) A1

(21) PCT/US99/20686

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) en (26) en

(30) 60/099,823 **10 Sep/sep 1998** US
(10.09.1998)

(30) 09/392,830 **8 Sep/sep 1999** US
(08.09.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **LOWPASS FILTER FOR POWER SUPPLY**

• **FILTRE PASSE-BAS POUR ALIMINATION ELECTRIQUE**

(71) **COHERENT, INC.** [US/US]; 5100 Patrick Henry Drive, Santa Clara, CA 95056-0980 (US).

(72) **DUBOSE, Harold, David**; 1909 Rock Street #2, Mountain View, CA 94043 (US).

(74) **STALLMAN, Michael, A.** et al. / etc.; Limbach & Limbach L.L.P., 2001 Ferry Building, San Francisco, CA 94111 (US).

(81) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)⁷ **G06K**

(11) **WO 00/16234** (13) A2

(21) PCT/US99/19467

(22) **26 Aug/août 1999 (26.08.1999)**

(25) en (26) en

(30) 60/097,957 **26 Aug/août 1998** US
(26.08.1998)

(30) Not furnished / **25 Aug/août 1999** US
non communiqué (25.08.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **RADIO FREQUENCY TAG SYSTEM**

• **SYSTEME DE MARQUEUR RF**

(71) **SPECTRA RESEARCH, INC.** [US/US]; Suite 200, 3085 Woodman Drive, Dayton, OH 45420-1173 (US).

(72) **ZIDEK, Paul, Donald**; 1110 Agate Trail, Dayton, OH 45459 (US). **SELLERS, John, William, Jr.**; 3820 Centerville Road, Spring Valley, OH 45370 (US). **THIELE, Gary, A.**; 1001 Valley Vista Way, Dayton, OH 45429 (US). **MAYLE, Eugene, Edwin, Jr.**; 713 Forest Grove Avenue, Dayton, OH 45406 (US). **RIECHERS, Ronald, George**; 3458 Kingswood Forest Lane, Beavercreek, OH 45440 (US).

(74) **BEYER, James, E.** et al. / etc.; Killworth, Gottman, Hagan & Schaeff, L.L.P., One Dayton Centre, Suite 500, One South Main Street, Dayton, OH 45402-2023 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **G06K 1/00, 17/00**

(11) **WO 00/16235** (13) A1

(21) PCT/US99/20916

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 60/100,141 **14 Sep/sep 1998** US
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **CARD PRINTER AND ENCODER**

• **MACHINE A CODER ET A IMPRIMER DES CARTES**

(71) **FARGO ELECTRONICS, INC.** [US/US]; 6533 Flying Cloud Drive, Eden Prairie, MN 55344 (US).

(72) **LIEN, Brent, D.**; 4255 Blaisdell Avenue South, Minneapolis, MN 55409 (US). **HAAS, Darren, W.**; Apartment #104, 16315 Wagner Way, Eden Prairie, MN 55344 (US). **DUNHAM, Matthew, K.**; 3877 Kennet Circle, Eagan, MN 55123 (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 KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)⁶ **G06K 7/00**

(11) **WO 00/16236** (13) A1

(21) PCT/US99/20798

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 09/151,418 **11 Sep/sep 1998** US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **A CONTACTLESS CAPACITIVE DATA TRANSMISSION SYSTEM AND METHOD**

• **SYSTEME ET PROCEDE DE TRANSMISSION DE DONNEES CAPACITIF SANS CONTACT**

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **VEGA, Victor, Allen**; 2062 Pheasant Drive, Hercules, CA 94547 (US).

(74) **HUGHES, Terri, S.** 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 CR CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁶ **G06K 7/10**

(11) **WO 00/16237** (13) A2

(21) PCT/NL99/00565

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) nl (26) en

(30) 1010088 **14 Sep/sep 1998** NL
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **DEVICE FOR READING A BARCODE**

• **DISPOSITIF DE LECTURE DE CODE-BARRES**

(71) **SCANTECH B.V.** [NL/NL]; Uraniumweg 23, NL-3812 RJ Amersfoort (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHONENBERG, Cornelis, Reinier, Johannes** [NL/NL]; Prins Clauslaan 13, NL-3818 ZC Amersfoort (NL). **NUNNINK, Laurentius, Wilhelmus** [NL/NL]; Het Ruim 15, NL-3823 SG Amersfoort (NL).

(74) **LAND, Addick, Adrianus, Gosling**; Sweelinckplein 1, NL-2517 GK Den Haag (NL).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **G06K 7/10**

(11) **WO 00/16238** (13) A1

(21) PCT/US99/16502

(22) **21 Jul/juil 1999 (21.07.1999)**

(25) en (26) en

(30) 09/151,483 **11 Sep/sep 1998** US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **MULTI-MODAL GRIPPABLE DEVICE AND METHOD OF USE**

- DISPOSITIF A TENIR DE PLUSIEURS MANIERES ET SON PROCEDE D'UTILISATION
- (71) **POLAROID CORPORATION** [US/US]; 784 Memorial Drive, Cambridge, MA 02139 (US).
- (72) **EVERS, Maaïke, L.**; 464 43rd Avenue #306, San Francisco, CA 94121 (US). **KANOJIA, Chaitanya**; 69 Homestead Street, Newton, MA 02468 (US). **MEISTER, Steven, J.**; 570 Brentwood Drive, Atlanta, GA 30312 (US). **WONG, Gilbert, Y.**; 280 Glenview Drive, San Francisco, CA 94131-4408 (US).
- (74) **PAYNE, Leslie**; Polaroid Corporation, 784 Memorial Drive, Cambridge, MA 02139 (US).
- (81) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (51)⁷ **G06K 7/10**
- (11) **WO 00/16239** (13) A1
- (21) PCT/US99/19177
- (22) **24 Aug/août 1999 (24.08.1999)**
- (25) en (26) en
- (30) 09/152,016 **11 Sep/sep 1998** US (11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **QUASI-COAXIAL OPTICAL BAR CODE READER**
- LECTEUR OPTIQUE, QUASI CO-AXIAL, DE CODES A BARRES
- (71) **ACCU-SORT SYSTEMS, INC.** [US/US]; 511 School House Road, Telford, PA 18969-1196 (US).
- (72) **ALVES, Kenneth, W.**; 2128 Berry Drive, Hatfield, PA 19440 (US). **BROBST, Thomas, J.**; 416 Cedar Crest Boulevard, Allentown, PA 18104 (US).
- (74) **VOLPE, Anthony, S.** et al. / etc.; Volpe and Koenig, P.C., 400 One Penn Center, 1617 John F. Kennedy Boulevard, Philadelphia, PA 19103 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁶ **G06K 7/10, 19/06, 9/22, G02B 26/10**
- (11) **WO 00/16240** (13) A1
- (21) PCT/US99/21121
- (22) **13 Sep/sep 1999 (13.09.1999)**
- (25) en (26) en
- (30) 60/100,268 **14 Sep/sep 1998** US (14.09.1998)
- (30) Not furnished / non communiqué **13 Sep/sep 1999** US (13.09.1999)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **FAST EDGE DETECTION SYSTEM TOLERANT OF HIGH DEGREE OF INTERSYMBOL INTERFERENCE**
- SYSTEME DE DETECTION RAPIDE DES CONTOURS POUVANT FONCTIONNER A DES TAUX ELEVES DE BROUILLAGE INTER-SYMBOLS
- (71) **PSC SCANNING, INC.** [US/US]; 959 Terry Street, Eugene, OR 97402 (US).
- (72) **COLEMAN, Edward, P.**; 155 Erwin, Bonnevillie, NY 97401 (US). **COLLEY, James, E.**; 1240 Rose Street, Junction City, OR 97448 (US). **O'DONNELL, Patrick, M.**; 3913 Pinyon Street, Springfield, OR 97478 (US).
- (74) **VANDERLAAN, Christopher, A.**; Lyon & Lyon LLP, Suite 4700, 633 West Fifth Street, Los Angeles, CA 90071 (US).
- (81) DE GB; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (51)⁶ **G06K 7/10**
- (11) **WO 00/16241** (13) A1
- (21) PCT/US99/21175
- (22) **13 Sep/sep 1999 (13.09.1999)**
- (25) en (26) en
- (30) 09/152,229 **11 Sep/sep 1998** US (11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **OPTICAL FOCUSING DEVICE**
- DISPOSITIF DE MISE AU POINT OPTIQUE
- (71) **POLAROID CORPORATION** [US/US]; 784 Memorial Drive, Cambridge, MA 02139 (US).
- (72) **FIGARELLA, Luis, A.**; 27 Todd Road, Nashua, NH 03060 (US). **IMRIE, David, A.**; Townhouse No. 61, 111 Locust Street, Woburn, MA 01801 (US). **MCKINLEY, Harry**; Rattle Hill Road, Southampton, MA 01703 (US). **STERN, Howard**; 89 Derby Avenue, Greenlawn, NY 11740 (US). **VAN TASSELL, Jon, E.**; 1 Baker Square, Winthrop, MA 02152 (US).
- (74) **GAIMAN, Barry**; Polaroid Corporation, 784 Memorial Drive, Cambridge, MA 02139 (US).
- (81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (51)⁶ **G06K 7/10**
- (11) **WO 00/16242** (13) A1
- (21) PCT/US99/21313
- (22) **14 Sep/sep 1999 (14.09.1999)**
- (25) en (26) en
- (30) 60/100,288 **14 Sep/sep 1998** US (14.09.1998)
- (30) 09/394,986 **13 Sep/sep 1999** US (13.09.1999)
- (30) 09/394,340 **13 Sep/sep 1999** US (13.09.1999)
- (30) 09/395,023 **13 Sep/sep 1999** US (13.09.1999)
- (30) 09/395,093 **13 Sep/sep 1999** US (13.09.1999)
- (30) 09/394,339 **13 Sep/sep 1999** US (13.09.1999)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **BAR CODE LABEL RECONSTRUCTION SYSTEM AND METHODOLOGIES**
- SYSTEME ET TECHNIQUES DE RECONSTITUTION DES ETIQUETTES DE CODES A BARRES
- (71) **PSC SCANNING, INC.** [US/US]; 959 Terry Street, Eugene, OR 97402 (US).
- (72) **DAVIS, Glen, W.**; 959 Terry Street, Eugene, OR 97402 (US). **BRANDT, Jonathon, R.**; 959 Terry Street, Eugene, OR 97402 (US). **ATWATER, Charles, F.**; 959 Terry Street, Eugene, OR 97402 (US).
- (74) **BALGENORTH, Charles, R.** et al. / etc.; Lyon & Lyon LLP, Suite 4700, 633 West Fifth Street, Los Angeles, CA 90071-2066 (US).
- (81) ; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁶ **G06K 9/00**
- (11) **WO 00/16243** (13) A1
- (21) PCT/IL99/00487
- (22) **8 Sep/sep 1999 (08.09.1999)**
- (25) en (26) en
- (30) 60/099,702 **10 Sep/sep 1998** US (10.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **METHOD OF FACE INDEXING FOR EFFICIENT BROWSING AND SEARCHING OF PEOPLE IN VIDEO**
- PROCEDE D'INDEXATION DE VISAGES SERVANT DANS LA NAVIGATION ET RECHERCHE EFFICACES DE PERSONNES DANS DES IMAGES VIDEO
- (71) **MATE - MEDIA ACCESS TECHNOLOGIES LTD.** [IL/IL]; Hahores Road 4, Africa-Israel House, 56547 Yehud (IL). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WILF, Itzhak** [IL/IL]; Sapir Street 5, 60190 Neve Monoson (IL). **GREENSPAN, Hayit** [IL/IL]; Shikun Banim 136, 79695 Kfar Bilu (IL). **PIKAZ, Arie** [IL/IL]; Halamed-He 2, 53403 Givatayim (IL). **MENADEVA, Ovadya** [IL/IL]; Harav Levi Street 10, 59647 Bat Yam (IL). **CASPI, Yaron**

- [IL/IL]; Ha'Irusim Street 49, 70400 Ness Ziona (IL).
- (74) **EITAN, PEARL, LATZER & COHEN-ZEDEK**; Gav Yam Center 2, Shenkar Street 7, 46725 Herzlia (IL).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁶ **G06K 9/00**
- (11) **WO 00/16244** (13) A1
- (21) PCT/US99/20546
- (22) **7 Sep/sep 1999 (07.09.1999)**
- (25) en (26) en
- (30) 09/153,782 **16 Sep/sep 1998** US (16.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • A CONFIGURABLE MULTI-FUNCTION TOUCHPAD DEVICE
- DISPOSITIF DE TELECOMMANDE MULTIFONCTIONS POUVANT ETRE CONFIGURE
- (71) **DIGITAL PERSONA, INC.** [US/US]; Suite 226, 805 Veterans Boulevard, Redwood City, CA 94063 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BJORN, Vance, C.** [US/US]; 532 Forest Avenue #6, Palo Alto, CA 94301 (US).
BELONGIE, Serge, J. [US/US]; 1771 Highland Place #208, Berkeley, CA 94209 (US).
- (74) **MILLIKEN, Darren, J.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁶ **G06K 9/00**
- (11) **WO 00/16245** (13) A1
- (21) PCT/US99/20778
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 09/151,908 **11 Sep/sep 1998** US (11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD AND SYSTEM FOR BIOMETRIC RECOGNITION BASED ON ELECTRIC AND/OR MAGNETIC PROPERTIES
- SYSTEME UTILISANT DES PROPRIETES ELECTRIQUES ET/OU MAGNETIQUES POUR LA RECONNAISSANCE BIOMETRIQUE, ET PROCEDE CORRESPONDANT
- (71) **QUID TECHNOLOGIES LLC** [US/US]; Suite 3400, 150 E. 58th Street, New York, NY 10155 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BROOKS, Juliana, H., J.** [US/US]; 5689 Walnut View Boulevard, Columbus, OH 43230 (US).
- (74) **SCHWARTZ, Ansel, M.**; Suite 304, 201 N. Craig Street, Pittsburgh, PA 15213 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁶ **G06K 9/00**
- (11) **WO 00/16246** (13) A1
- (21) PCT/US99/21159
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 09/151,897 **11 Sep/sep 1998** US (11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • MEASUREMENT OF ELECTRIC AND/OR MAGNETIC PROPERTIES IN ORGANISMS USING ELECTROMAGNETIC RADIATION
- MESURE DES PROPRIETES ELECTRIQUES ET/OU MAGNETIQUES PRESENTEES PAR DES ORGANISMES REALISEE AU MOYEN DU RAYONNEMENT ELECTROMAGNETIQUE
- (71) **IPSA TECHNOLOGIES LLC** [US/US]; Suite 3400, 150 E. 58th Street, New York, NY 10155 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BROOKS, Juliana, H., J.** [US/US]; 5689 Walnut View Boulevard, Columbus, OH 43230 (US).
- (74) **SCHWARTZ, Ansel, M.**; Suite 304, 201 N. Craig Street, Pittsburgh, PA 15213 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁶ **G06K 9/36**
- (11) **WO 00/16248** (13) A1
- (21) PCT/US99/21571
- (22) **16 Sep/sep 1999 (16.09.1999)**
- (25) en (26) en
- (30) 09/157,156 **17 Sep/sep 1998** US (17.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)

- (54) ● SKEW PROCESSING OF RASTER SCAN IMAGES
● TRAITEMENT DE L'OBLIQUE D'IMAGES A BALAYAGE TRAME
- (71) METROLOGIC INSTRUMENTS, INC. [US/US]; 90 Coles Road, Blackwood, NJ 08012 (US).
- (72) AU, Ka, Man; 1224 Devereaux Avenue, Philadelphia, PA 19111 (US). ZHU, Xiaoxun; 834 Chestnut Street #1608, Philadelphia, PA 19107 (US).
- (74) MILLET, Marcus, J. et al. / etc.; Lerner, David, Littenberg, Krumholz & Mentlik, LLP, 600 South Avenue West, Westfield, NJ 07090 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁶ G06K 9/40
(11) WO 00/16249 (13) A1
(21) PCT/US99/21067
(22) 13 Sep/sep 1999 (13.09.1999)
(25) en (26) en
(30) 60/100,136 14 Sep/sep 1998 US (14.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● METHOD OF DIGITAL IMAGE ENHANCEMENT AND SHARPENING
● PROCEDE SERVANT A AMELIORER LA PRECISION ET LE CONTRASTE D'UNE IMAGE NUMERIQUE
- (71) UNIVERSITY OF UTAH RESEARCH FOUNDATION [US/US]; 210 Park Building, Salt Lake City, UT 85112 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PORTNIAGUINE, Oleg, N. [RU/US]; Apartment H, 5328 South 570 East, Salt Lake City, UT 84107 (US). ZHDANOV, Michael, S. [RU/US]; 4740 South Bron Breck, Salt Lake City, UT 84117 (US).
- (74) BOND, Laurence, B. et al. / etc.; Trask, Britt & Rossa, P.O. Box 2550, Salt Lake City, UT 84110 (US).
- (81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
- (51)⁷ G06K 9/62
(11) WO 00/16250 (13) A1
(21) PCT/US99/21363
- (22) 17 Sep/sep 1999 (17.09.1999)
(25) en (26) en
(30) 60/100,622 17 Sep/sep 1998 US (17.09.1998)
(30) 09/398,421 17 Sep/sep 1999 US (17.09.1999)
(43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● DATA DECOMPOSITION/REDUCTION METHOD FOR VISUALIZING DATA CLUSTERS/SUB-CLUSTERS
● PROCEDE DE DECOMPOSITION/REDUCTION DE DONNEES PERMETTANT DE VISUALISER LES GROUPES/SOUS-GROUPES DE DONNEES
- (71) THE CATHOLIC UNIVERSITY OF AMERICA [US/US]; 620 Michigan Avenue, N.E., Washington, DC 20064 (US).
- (72) WANG, Joseph, Y.; 15508 Quince Valley Terrace, North Potomac, MD 20878 (US).
- (74) KANANEN, Ronald, P.; Rader, Fishman & Grauer PLLC, Lion Building, Suite 501, 1233 20th 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 GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ G06K 11/12, B32B 15/08
(11) WO 00/16251 (13) A1
(21) PCT/JP99/04854
(22) 8 Sep/sep 1999 (08.09.1999)
(25) en (26) en
(30) 10/256463 10 Sep/sep 1998 JP (10.09.1998)
(30) 10/258569 11 Sep/sep 1998 JP (11.09.1998)
(30) 10/301442 22 Oct/oct 1998 JP (22.10.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● TOUCH PANEL
● ECRAN TACTILE
- (71) GUNZE LIMITED [JP/JP]; 1, Zeze, Aono-cho, Ayabe-shi, Kyoto 623-0011 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SATO, Hirotohi [JP/JP]; Room 103, 176-4, Takano, Rittouchu, Kurita-gun, Shiga 520-3045 (JP). NODA, Kazuhiro [JP/JP]; Room 610, Rekkusu Garden Moriyama 2-bankan 134-1, Yoshimi-cho, Moriyama-shi, Shiga 524-0021 (JP).
- FURUKAWA, Shuji [JP/JP]; 116, Kamikiryucho, Kamita, Otsu-shi, Shiga 520-2111 (JP). TANIMURA, Kohtaro [JP/JP]; Room 105, Takanohaitsu, 7, Daimoncho, Moriyama-shi, Shiga 524-0052 (JP).
- (74) NAKAJIMA, Shiro; 6F, Yodogawa 5-Bankan, 2-1, Toyosaki 3-chome, Kita-ku, Osaka-shi, Osaka 531-0072 (JP).
- (81) CN KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
- (51)⁷ G06K 11/14, 11/18
(11) WO 00/16252 (13) A1
(21) PCT/US99/21016
(22) 14 Sep/sep 1999 (14.09.1999)
(25) en (26) en
(30) 60/100,240 14 Sep/sep 1998 US (14.09.1998)
(30) 09/190,652 12 Nov/nov 1998 US (12.11.1998)
(30) 60/108,473 15 Nov/nov 1998 US (15.11.1998)
(30) 60/123,069 3 Mar/mar 1999 US (03.03.1999)
(30) 60/140,168 20 Jun/juin 1999 US (20.06.1999)
(43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● SYSTEM AND METHOD FOR CONDUCTING AND AUTHENTICATING TRANSACTIONS
● SYSTEME ET PROCEDE POUR MENER ET AUTHENTIFIER DES TRANSACTIONS
- (63) US 60/100,240 (CIP)
US 14 Sep/sep 1998 (14.09.1998)
US 60/108,473 (CIP)
US 15 Nov/nov 1998 (15.11.1998)
US 60/123,069 (CIP)
US 3 Mar/mar 1999 (03.03.1999)
US 60/140,168 (CIP)
US 20 Jun/juin 1999 (20.06.1999)
US 09/190,652 (CIP)
US 12 Nov/nov 1998 (12.11.1998)
- (71) INMOTION, INC. [US/US]; Suite 180, 800 West El Camino Real, Mountain View, CA 94040 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BARON, Ehud [IL/IL]; 61 Hague Street, Haifa (IL). KORSENSKI, Victor [IL/IL]; 19/22 Halon Street, Neshar (IL). CEDENO, Raffael [-/-]; -KIM, Chong [-/-]; -MCCOLLUM, Robin [-/-]; -GOON, Evgeny [-/-]; -
- (74) BENEROFFE, Steven, J.; Wilson Sonsini Goodrich & Rosati, 650 Page Mill Road, Palo Alto, CA 94304-1050 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ G06K 19/07, 7/10, 7/00

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(21) PCT/EP99/06674

(22) 9 Sep/sep 1999 (09.09.1999)

(25) en (26) en

(30) TO98A000780 15 Sep/sep 1998 IT (15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • A SYSTEM FOR CONTACTLESS BIDIRECTIONAL TRANSMISSION OF DATA AND POWER BETWEEN A READER AND A CHIP-CARD, PARTICULARLY FOR TELEPHONY APPLICATIONS

• SYSTEME DE TRANSMISSION BIDIRECTIONNELLE, SANS CONTACT, DE DONNEES ET PUISSANCE ENTRE UN LECTEUR ET UNE CARTE A PUCE, DESTINE NOTAMMENT A DES APPLICATIONS TELEPHONIQUES

(71) URMET COSTRUZIONI ELETTRONICHE S.P.A. [IT/IT]; Via Bologna, 188/c, I-10154 Torino (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MONDARDINI, Massimo [IT/IT]; Via Mazzini, 40, I-10123 Torino (IT).

(74) MODIANO, Guido; Spandonari & Modiano, Corso Duca degli Abruzzi, 16, I-10129 Torino (IT).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G06K 19/07, D06F 93/00

(11) WO 00/16254 (13) A1

(21) PCT/EP99/06710

(22) 10 Sep/sep 1999 (10.09.1999)

(25) de (26) de

(30) 198 42 366.7 14 Sep/sep 1998 DE (14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • PRODUCT CARE LABEL FOR TEXTILES AND A METHOD FOR THE PRODUCTION THEREOF

• ETIQUETTE D'ENTRETIEN POUR TEXTILES ET PROCEDE PERMETTANT DE LA PRODUIRE

(71) BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH [DE/DE]; Hochstrasse 17, D-81669 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DULDHARDT, Marianne [DE/DE]; Hedemannstrasse 24, D-10969 Berlin (DE).

(81) SI TR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ G06K 19/07

(11) WO 00/16255 (13) A1

(21) PCT/FR99/02095

(22) 2 Sep/sep 1999 (02.09.1999)

(25) fr (26) fr

(30) 98/11374 11 Sep/sep 1998 FR (11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • DATA TRANSMISSION METHOD AND CARD THEREFOR

• PROCEDE DE TRANSMISSION DE DONNEES ET CARTE POUR UNE TELLE TRANSMISSION

(71) SCHLUMBERGER SYSTEMES [FR/FR]; 50, Avenue Jean Jaurès, F-92120 Montrouge (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RHELIMI, Alain [FR/FR]; 17, place Ovale, F-94230 Cachan (FR).

(74) MACQUET, Christophe; Schlumberger Systèmes, Test & Transactions, 50, avenue Jean Jaurès, Boîte postale 620-04, F-92542 Montrouge Cedex (FR).

(81) CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ G06K 19/077, 19/06, 19/18

(11) WO 00/16256 (13) A1

(21) PCT/EP99/04413

(22) 24 Jun/juin 1999 (24.06.1999)

(25) de (26) de

(30) 198 41 431.5 10 Sep/sep 1998 DE (10.09.1998)

(30) 198 51 836.6 10 Nov/nov 1998 DE (10.11.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • CARD-SHAPED DATA CARRIER AND METHOD FOR PRODUCING THE SAME

• SUPPORT DE DONNEES SOUS FORME DE CARTE, ET SON PROCEDE DE PRODUCTION

(71) SKIDATA AG [AT/AT]; Untersbergstrasse 40, A-5083 Gartenau (AT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LIPPERT, Johannes [AT/AT]; Ried 172, A-5360 St. Wolfgang (AT).

(74) HAFT, VON PUTTKAMER, BERNGRUBER, CZYBULKA; Franziskanerstrasse 38, D-81669 München (DE).

(81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ G06K 19/077

(11) WO 00/16257 (13) A1

(21) PCT/FR99/02049

(22) 27 Aug/août 1999 (27.08.1999)

(25) fr (26) fr

(30) 98/12112 11 Sep/sep 1998 FR (11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • BI-STANDARD INTEGRATED CIRCUIT CARD COMPRISING AN INSULATING SLOT

• CARTE A CIRCUIT INTEGRE DU TYPE BI-STANDARD COMPORTANT UNE FENTE D'ISOLEMENT

(71) GEMPLUS S.C.A. [FR/FR]; Avenue du Pic de Bertagne, Parc d'Activités de Gémenos, F-13881 Gémenos Cedex (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOUSSE, Nicolas [FR/FR]; Chemin de Régagnas, F-83640 Saint Zacharie (FR).
CHABOD, Jean, Louis [FR/FR]; 23, rue des Vignes, F-25115 Puillez les Vignes (FR).

THIEBAUD, Jean, Michel [FR/FR]; 5, rue Bermotte, F-25580 Etalans (FR).

(74) NONNENMACHER, Bernard; Gemplus S.C.A., Avenue du Pic de Bertagne, Parc d'Activités de Gémenos, F-13881 Gémenos Cedex (FR).

(81) AU BR CA CN IN JP KR MX RU SG US VN ZA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁶ G06N 3/02, 3/10, 7/06

(11) WO 00/16258 (13) A1

(21) PCT/US99/21394

(22) 16 Sep/sep 1999 (16.09.1999)

(25) en (26) en

(30) 60/100,925 17 Sep/sep 1998 US (17.09.1998)

(30) 09/398,519 15 Sep/sep 1999 US (15.09.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • DATA-DOMAIN SAMPLED NETWORK

- RESEAU ECHANTILLONNE PAR DOMAINES DES DONNEES
- (71, 72) **SMITH, Jay, L.** [US/US]; 1768 Shadow Valley Drive, Ogden, UT 84403 (US).
- (74) **PIERCE, Gary, D., E.**; Madson & Metcalf, Suite 900, 15 West South Temple, Salt Lake City, UT 84101 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁶ **G06T 1/00**
- (11) **WO 00/16259** (13) A1
- (21) PCT/JP99/04975
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) ja (26) ja
- (30) 10/257327 **10 Sep/sep 1998 (10.09.1998)** JP
- (30) 11/145638 **25 May/mai 1999 (25.05.1999)** JP
- (30) 11/209738 **23 Jul/juil 1999 (23.07.1999)** JP
- (30) 11/250986 **6 Sep/sep 1999 (06.09.1999)** JP
- (30) 11/250990 **6 Sep/sep 1999 (06.09.1999)** JP
- (30) 11/253634 **7 Sep/sep 1999 (07.09.1999)** JP
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • VISUAL DEVICE
• DISPOSITIF VISUEL
- (71) **ECCHANDES INC.** [JP/JP]; 12-7, chuohommachi, Gamagori-shi, Aichi 443-0057 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **AJIOKA, Yoshiaki** [JP/JP]; Ecchandes Inc., 12-7, chuohommachi, Gamagori-shi, Aichi 443-0057 (JP).
- (74) **OZAKI, Takahiro**; Takahiro Ozaki, 11-14, chuohommachi, Gamagori-shi, Aichi 443-0057 (JP).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)⁶ **G06T 1/60, G11C 11/34, 15/04**
- (11) **WO 00/16260** (13) A1
- (21) PCT/JP99/04956
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) ja (26) ja
- (30) 10/257876 **11 Sep/sep 1998 (11.09.1998)** JP
- (30) 10/257878 **11 Sep/sep 1998 (11.09.1998)** JP
- (30) 10/285307 **7 Oct/oct 1998 (07.10.1998)** JP
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • DATA PROCESSOR AND DATA SEQUENCE CONVERSION METHOD
• PROCESSEUR DE DONNEES ET PROCEDE DE CONVERSION DE SEQUENCES DE DONNEES
- (71) **SONY CORPORATION** [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KONDO, Tetsujiro** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **OKUMURA, Akihiro** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **SATO, Hiroshi** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **ICHIKAWA, Tsutomu** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
- (74) **KOIKE, Akira** et al. / etc.; No.11 Mori Building, 6-4, Toranomon 2-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) CA US.
-
- (51)⁷ **G06T 3/40**
- (11) **WO 00/16261** (13) A1
- (21) PCT/DK99/00393
- (22) **9 Jul/juil 1999 (09.07.1999)**
- (25) en (26) en
- (30) PA 1998 01161 **15 Sep/sep 1998 (15.09.1998)** DK
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • A METHOD AND A SYSTEM FOR PROCESSING IMAGES
• PROCEDE ET DISPOSITIF DE TRAITEMENT D'IMAGES
- (71) **PHASE ONE DENMARK A/S** [DK/DK]; Roskildevej 39, DK-2000 Frederiksberg (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KNUDSEN, Niels, V.** [DK/DK]; Phistersvej 4, st., DK-2900 Hellerup (DK). **JØNSSON, Michael** [DK/DK]; Mejsebo 32, DK-2665 Vallensbæk (DK).
- (74) **PLOUGMANN, VINGTOFT & PARTNERS A/S**; Sankt Annæ Plads 11, P.O. Box 3007, DK-1021 Copenhagen K (DK).
- (81) AE 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 GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **G06T 3/40**
- (11) **WO 00/16262** (13) A1
- (21) PCT/US99/19966
- (22) **31 Aug/août 1999 (31.08.1999)**
- (25) en (26) en
- (30) 09/151,431 **11 Sep/sep 1998 (11.09.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD AND APPARATUS FOR ZOOMING DIGITAL IMAGES
• PROCEDE ET DISPOSITIF DE VARIATION DE FOCAL D'IMAGES NUMERIQUES
- (71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).
- (72) **ZAVALJEVSKI, Aleksandar**; 113 Madison Court, Waukesha, WI 53188 (US). **MUSSACK, Christopher, Joseph**; W251 S4310 Oak View Drive, Waukesha, WI 53186 (US). **DEAVEN, David, Matthew**; 235 South Charles Street, Waukesha, WI 53186 (US).
- (74) **STECKLER, Henry, I.**; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).
- (81) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (51)⁷ **G06T 3/40**
- (11) **WO 00/16263** (13) A1
- (21) PCT/US99/21298
- (22) **15 Sep/sep 1999 (15.09.1999)**
- (25) en (26) en
- (30) 09/154,227 **16 Sep/sep 1998 (16.09.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • A METHOD AND APPARATUS FOR RE-SIZING AND CROPPING IMAGES BY OPERATING DIRECTLY ON

THEIR DIGITAL ORTHOGONAL TRANSFORMS

- PROCEDE ET DISPOSITIF PERMETTANT DE REFORMATER ET DE RECADRER DES IMAGES EN AGISSANT DIRECTEMENT SUR LES TRANSFORMEES NUMERIQUES ORTHOGONALES DE CES IMAGES

(71) **PUSH ENTERTAINMENT, INC.** [US/CA]; Suite 600, 520 5th Avenue SW, Calgary, Alberta T2P 3R7 (CA).

(72) **BRUTON, Leonard, Thomas**; 388 Capri Crescent, N.W., Calgary, Alberta T2L 1B2 (CA). **SIMPSON, Todd**; 133 Edgebrook Court N.W., Calgary, Alberta T3A 5A4 (CA). **YEE, Barry**; 6228 Thornaby Way N.W., Calgary, Alberta T2K 5K9 (CA).

(74) **TANNENBAUM, David, H.** et al. / etc.; Fulbright & Jaworski, L.L.P., Suite 2800, 2200 Ross Avenue, Dallas, TX 75201 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁶ **G06T 5/00**

(11) **WO 00/16264** (13) A1

(21) PCT/SG98/00072

(22) **16 Sep/sep 1998 (16.09.1998)**

(25) en (26) en

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • LINE OBJECT VECTORIZATION IN COLOUR/GRAYSCALE IMAGES
- VECTORISATION D'OBJETS LINEAIRES DANS DES IMAGES EN COULEUR/EN NIVEAUX DE GRIS

(71) **KENT RIDGE DIGITAL LABS** [SG/SG]; 21 Heng Mui Keng Terrace, Singapore 119613 (SG).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WU, Jian, Kang** [CN/SG]; Blk 51, Teban Gardens Rd #06-565, Singapore 600051 (SG). **ZHANG, Weiming** [CN/SG]; Blk 407, Clementi Ave. 1, #11-54, Singapore 120407 (SG). **LI, Yiqun** [CN/SG]; Blk 216, Jurong East Street, 21 #02-511, Singapore 600216 (SG). **DONG, Ziqiang** [CN/SG]; Kent Ridge Digital Labs, 21 Heng Mui Keng Terrace, Singapore 119613 (SG).

(74) **GREENE-KELLY, James, Patrick**; Lloyd Wise, Tanjong Pagar, P.O. Box 636, Singapore 910816 (SG).

(81) SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁶ **G06T 5/00, 5/50, G06K 9/40**

(11) **WO 00/16265** (13) A1

(21) PCT/US99/20676

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 09/154,176 **16 Sep/sep 1998 (16.09.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • A GENERAL IMAGE ENHANCEMENT FRAMEWORK

- STRUCTURE D'AMELIORATION GENERALE D'IMAGE

(71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ACHARYA, Tinku** [IN/US]; 7292 South Roberts Road, Tempe, AZ 85283 (US).

(74) **MILLIKEN, Darren, J.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ **G06T 11/60**

(11) **WO 00/16266** (13) A1

(21) PCT/US99/19659

(22) **1 Sep/sep 1999 (01.09.1999)**

(25) en (26) en

(30) 09/151,375 **10 Sep/sep 1998 (10.09.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • VARIABLE PAGE COMPOSITION WITH PAGE ELEMENTS CUT IN STRIPS

- COMPOSITION DE PAGE VARIABLE AVEC ELEMENTS DE PAGE DECOUPES EN BANDES

(71) **ELECTRONICS FOR IMAGING, INC.** [US/US]; 303 Velocity Way, Foster City, CA 94404 (US).

(72) **DZIESIETINIK, Gahilad**; 4097 Laguna Way, Palo Alto, CA 94306 (US). **PARDO, Luis, Trabb**; 4090 Amaranta Street, Palo Alto, CA 94306 (US).

(74) **GLENN, Michael, A.** et al. / etc.; Glenn Patent Group, 125 Lake Road, Portola Valley, CA 94028 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ **G06T 15/50, 5/20**

(11) **WO 00/16267** (13) A1

(21) PCT/US99/21180

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 60/100,773 **17 Sep/sep 1998 (17.09.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • METHOD AND APPARATUS FOR PROJECTING MR ANGIOGRAPHIC DATA

- PROCEDE ET APPAREIL POUR LA PROJECTION DE DONNEES ANGIOGRAPHIQUES OBTENUES PAR RESONANCE MAGNETIQUE

(71) **THE BRIGHAM AND WOMEN'S HOSPITAL, INC.** [US/US]; 75 Francis Street, Boston, MA 02115 (US).

(72) **OSHIO, Koichi**; 175 Freeman Street, #502, Brookline, MA 02146 (US).

(74) **BUMGARDNER, Barry**; Vinson & Elkins L.L.P., 2300 First City Tower, 1001 Fannin, Houston, TX 77002-6760 (US).

(81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)⁷ **G07B 17/00**

(11) **WO 00/16268** (13) A1

(21) PCT/FR99/02028

(22) **23 Aug/août 1999 (23.08.1999)**

(25) fr (26) fr

(30) 98/11425 **14 Sep/sep 1998 (14.09.1998)** FR

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • COMPACT INK-JET FRANKING MACHINE WITH MANUAL INSERTION

- MACHINE D'AFFRANCHISSEMENT COMPACTE A JET D'ENCRE ET A INSERTION MANUELLE

(71) **SECAP** [FR/FR]; 21, quai Alfonse Le Gallo, F-92100 Boulogne-Billancourt (FR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VIENNET, Franck** [FR/FR]; 26, rue Emile Desvaux, F-75019 Paris (FR). **PO-TEY, Jean-Louis** [FR/FR]; 4, rue Albert Simonin, F-92400 Courbevoie (FR).

(74) **BERTRAND, Didier**; S.A. Fédit-Loriot et autres Conseils en Propriété Industrielle, 38, avenue Hoche, F-75008 Paris (FR).

(81) CA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)⁷ **G07C 3/10**

(11) **WO 00/16269** (13) A1

(21) PCT/GB99/03023

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 9819830.2 **12 Sep/sep 1998 (12.09.1998)** GB

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● A MACHINE MONITORING SYSTEM
● SYSTEME DE COMMANDE DE MACHINE

(71) **BRITISH AEROSPACE PUBLIC LIMITED COMPANY** [GB/GB]; Warwick House, P.O. Box 87, Farnborough Aerospace Centre, Farnborough, Hampshire GU14 6YU (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRESSER, Paul** [NL/GB]; British Aerospace Airbus, Dept. 211, Broughton, Chester, Clwyd CH4 0DR (GB).

(74) **EDIS, Ronald, Malcolm** et al. / etc.; British Aerospace plc, Group IP Dept., Lancaster House, P.O. Box 87, Farnborough Aerospace Centre, Farnborough, Hampshire GU14 6YU (GB).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **G07D 11/00**

(11) **WO 00/16270** (13) A1

(21) PCT/EP99/06763

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) de (26) de

(30) 198 42 267.9 **15 Sep/sep 1998 (15.09.1998)** DE

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● DEVICE FOR STORING AND ISSUING BANK NOTES

● DISPOSITIF POUR STOCKER ET DISTRIBUER DES BILLETS DE BANQUE

(71) **NSM AKTIENGESELLSCHAFT** [DE/DE]; Saarlandstrasse 240, D-55411 Bingen am Rhein (DE).

(71, 72) **MENKE, Wilhelm** [DE/DE]; Eilshöhe 8, D-55411 Bingen am Rhein (DE).

(74) **GOSSEL, Hans, Karl** et al. / etc.; Widemayerstrasse 23, D-80538 München (DE).

(81) AU.

Published / Publiée : (c)

(51)⁷ **G07F 7/06**

(11) **WO 00/16271** (13) A1

(21) PCT/US99/19807

(22) **27 Aug/aôût 1999 (27.08.1999)**

(25) en (26) en

(30) 09/153,912 **16 Sep/sep 1998 (16.09.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● CART RETURN LOYALTY CREDIT SYSTEM

● SYSTEME DE CREDIT ET DE FIDELITE LIE AU RETOUR DE CHARIOTS

(71) **CARTTRONICS, LLC** [US/US]; 3511 Hancock Street, San Diego, CA 92110 (US).

(72) **FRENCH, John, R.**; 3145 Brant Street, San Diego, CA 92103 (US). **WITHAM, Philip**; 7054 S.W. Rice Court, Portland, OR 97223 (US).

(74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson and Bear, LLP, 16th floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **G07F 7/10**

(11) **WO 00/16272** (13) A1

(21) PCT/EP99/06580

(22) **7 Sep/sep 1999 (07.09.1999)**

(25) de (26) de

(30) 198 41 676.8 **11 Sep/sep 1998 (11.09.1998)** DE

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● ACCESS-PROTECTED DATA CARRIER

● SUPPORT DE DONNEES D'ACCES PROTEGE

(71) **GIESECKE & DEVRIENT GMBH** [DE/DE]; Prinzregentenstrasse 159, D-81677 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VATER, Harald** [DE/DE]; An den Schulgärten 23, D-35398 Gießen (DE). **DREXLER, Hermann** [DE/DE]; Oberländerstrasse 5a, D-81371 München (DE).

(74) **KLUNKER, SCHMITT-NILSON, HIRSCH**; Winzererstrasse 106, D-81677 München (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **G07F 17/32**

(11) **WO 00/16273** (13) A1

(21) PCT/ZA99/00085

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 60/100,449 **14 Sep/sep 1998 (14.09.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● VIDEO GAMING DEVICE AND COMMUNICATIONS SYSTEM

● APPAREIL DE JEU VIDEO ET SYSTEME DE COMMUNICATIONS

(71) **VAN STRAATEN, Willem, Johannes** [ZA/ZA]; 130 Trafalgar Street, 2146 Sandhurst (ZA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KENNEDY, Julian, J.** [US/US]; 2819 Old Buck Creek Road, Longs, SC 29568 (US). **MORRIS, Michael, A.** [US/US]; 2819 Old Buck Creek Road, Longs, SC 29568 (US). **MORRIS, Douglas, E.** [US/US]; 2819 Old Buck Creek Road, Longs, SC 29568 (US).

(74) **McCALLUM RADEMEYER & FREIMOND**; P.O. Box 1130, 2125 Randburg (ZA).

(81) AE 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 GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁶ **G07F 17/34**

(11) **WO 00/16274** (13) A1

(21) PCT/US99/21514

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) en (26) en

(30) 60/100,612 **16 Sep/sep 1998 US (16.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • NON-RECTANGULAR AND/OR NON-ORTHOGONAL ARRANGEMENT OF GAMBLING ELEMENTS IN A GAMING APPARATUS

• AGENCEMENT NON RECTANGULAIRE ET/OU NON ORTHOGONAL D'UN ELEMENT DE JEU DE HASARD

(71) **SILICON GAMING-NEVADA, INC.** [US/US]; 6685 Amelia Earhart Court, Las Vegas, NV 89119 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PAYNE, Tony** [-/US]; 2139 Golden Gate Avenue, San Francisco, CA 94118 (US). **NICELY, Mark, C.** [-/US]; 1335 Bay Street #4, San Francisco, CA 94123 (US).

(74) **HAMRICK, Claude, A., S.** et al. / etc.; Oppenheimer Wolff & Donnelly LLP, Suite 200, 3373 Hillview Avenue, Palo Alto, CA 94304 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁶ **G08B 5/00, E05B 47/06**

(11) **WO 00/16275** (13) A1

(21) PCT/US99/20806

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) 09/154,204 **16 Sep/sep 1998 US (16.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ELECTRONIC LOCK SYSTEM

• SYSTEME DE VERROUILLAGE ELECTRONIQUE

(71) **S.D.S. SMART DATA & SECURITY SYSTEMS LTD.** [IL/IL]; 29 Hagaaton Avenue, 22440 Nahariya (IL).

(for all designated States except / pour tous les États désignés sauf US)

(71) **FRIEDMAN, Mark, M.** [US/IL]; 1 Alharizi, 43406 Raanana (IL).

(only for / seulement pour TJ)

(72, 75) **FONEA, Zeev** [IL/IL]; 14 Weizmann St., 22385 Nahariya (IL).

(74) **FRIEDMAN, Mark, M.**; c/o Castorina, Anthony, Suite 207, 2001 Jefferson Davis Highway, Arlington, VA 22202 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **G08B 13/14, G01P 13/00**

(11) **WO 00/16276** (13) A1

(21) PCT/US99/18195

(22) **11 Aug/août 1999 (11.08.1999)**

(25) en (26) en

(30) 60/099,984 **11 Sep/sep 1998 US (11.09.1998)**

(30) 09/201,229 **30 Nov/nov 1998 US (30.11.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • MOTION SENSOR

• DETECTEUR DE MOUVEMENT

(71) **MINE SAFETY APPLIANCES COMPANY** [US/US]; P.O. Box 426, Pittsburgh, PA 15230-0426 (US).

(72) **FRANK, Peter, A.**; 39 St. Gabriel's Road, London NW2 4DT (GB).

(74) **UBER, James, G.**; Mine Safety Appliances Company, P.O. Box 426, Pittsburgh, PA 15230-0426 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁶ **G08B 13/14**

(11) **WO 00/16277** (13) A1

(21) PCT/US99/20307

(22) **3 Sep/sep 1999 (03.09.1999)**

(25) en (26) en

(30) 09/151,568 **11 Sep/sep 1998 US (11.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD AND APPARATUS FOR AN OPTIMIZED CIRCUIT FOR AN ELECTROSTATIC RADIO FREQUENCY IDENTIFICATION TAG

• CIRCUIT OPTIMISE POUR BADGE HF ELECTROSTATIQUE ET PROCEDE CORRESPONDANT

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **VEGA, Victor, Allen**; 2062 Pheasant Drive, Hercules, CA 94547 (US). **ROLIN, John, H.**; 1427 Annapolis Way, San Jose, CA 95118 (US).

(74) **HUGHES, Terri, S.** 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 CR CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁶ **G08B 13/14**

(11) **WO 00/16278** (13) A1

(21) PCT/US99/20310

(22) **3 Sep/sep 1999 (03.09.1999)**

(25) en (26) en

(30) 09/152,202 **11 Sep/sep 1998 US (11.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • RADIO FREQUENCY IDENTIFICATION STAMP AND RADIO FREQUENCY IDENTIFICATION MAILING LABEL

• TIMBRE BADGE HF ET ETIQUETTE D'EXPEDITION POSTALE A BADGE HF

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **EBERHARDT, Noel, H.**; 21407 Kryzich Place, Cupertino, CA 95014 (US). **VEGA, Victor, Allen**; 2062 Pheasant Drive, Hercules, CA 94547 (US). **REYES, Fernando**; 10929 Via Sorrento, Cupertino, CA 95014 (US).

- (74) **HUGHES, Terri, S.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (81) CN MX ZA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁶ **G08B 13/14**
- (11) **WO 00/16279** (13) A1
- (21) PCT/US99/20312
- (22) **3 Sep/sep 1999 (03.09.1999)**
- (25) en (26) en
- (30) 60/099,913 **11 Sep/sep 1998** US
(11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● RADIO FREQUENCY IDENTIFICATION TAG CIRCUIT CHIP HAVING PRINTED INTERCONNECTION PADS
- MICROCIRCUIT DE BADGE HF A PLAGES D'INTERCONNEXIONS IMPRIMEES
- (71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (72) **EBERHARDT, Noel, H.**; 21407 Krzich Place, Cupertino, CA 95014 (US).
- (74) **HUGHES, Terri, S.** et al. / etc.; Motorola Inc., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **G08B 13/14**
- (11) **WO 00/16280** (13) A1
- (21) PCT/US99/20753
- (22) **9 Sep/sep 1999 (09.09.1999)**
- (25) en (26) en
- (30) 60/099,954 **11 Sep/sep 1998** US
(11.09.1998)
- (30) 09/393,223 **9 Sep/sep 1999** US
(09.09.1999)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● OBJECT TRACKING SYSTEM WITH NON-CONTACT OBJECT DETECTION AND IDENTIFICATION
- SYSTEME DE REPERAGE D'OBJETS POUVANT DETECTER ET IDENTIFIER DES OBJETS SANS CONTACT
- (71) **KEY-TRAK, INC.** [US/US]; Suite 440, 3075 Breckinridge Boulevard, Duluth, GA 30096-4981 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MALONEY, William, C.** [US/US]; 4693 Magnolia Circle, Marietta, GA 30067 (US).
- (74) **ISAF, Louis, T.** et al. / etc.; Womble Carlyle Sandridge & Rice, P.O. Box 720601, Atlanta, GA 30358-2601 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
-
- (51)⁶ **G08B 13/14**
- (11) **WO 00/16281** (13) A1
- (21) PCT/US99/20757
- (22) **9 Sep/sep 1999 (09.09.1999)**
- (25) en (26) en
- (30) 60/099,954 **11 Sep/sep 1998** US
(11.09.1998)
- (30) 09/392,175 **9 Sep/sep 1999** US
(09.09.1999)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● MOBILE OBJECT TRACKING SYSTEM
- SYSTEME MOBILE DE REPERAGE D'OBJETS
- (71) **KEY-TRAK, INC.** [US/US]; Suite 440, 3075 Breckinridge Boulevard, Duluth, GA 30096-4981 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MALONEY, William, C.** [US/US]; 4693 Magnolia Circle, Marietta, GA 30067 (US).
- (74) **ISAF, Louis, T.** et al. / etc.; Womble Carlyle Sandridge & Rice, P.O. Box 720601, Atlanta, GA 30358-2601 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **G08B 13/14**
- (11) **WO 00/16283** (13) A1
- (21) PCT/US99/20801
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 60/099,928 **11 Sep/sep 1998** US
(11.09.1998)
- (30) 60/099,985 **11 Sep/sep 1998** US
(11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● GENERATION OF ELECTROSTATIC VOLTAGE POTENTIALS FOR RFID/EAS USING PIEZOELECTRIC CRYSTALS
- GENERATION DE POTENTIELS DE TENSION ELECTROSTATIQUE POUR IDENTIFICATION PAR RADIOFREQUENCES / SURVEILLANCE ELECTRONIQUE D'ARTICLES (RFID/EAS) AU MOYEN DE CRISTAUX PIEZOELECTRIQUES
- (71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (72) **VEGA, Victor**; 2062 Pheasant Drive, Hercules, CA 94547 (US). **HATTICK, John, Bernhard**; 1745 Ringel Court, Morgan Hill, CA 95037 (US). **ZIMNICKI, Charles, L.**; 209 Buckingham Drive, Bartlett, IL 60103 (US).
- (74) **HUGHES, Terri, S.** 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 CR CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁶ G08B 13/14

(11) WO 00/16284 (13) A1

(21) PCT/US99/21164

(22) 10 Sep/sep 1999 (10.09.1999)

(25) en (26) en

(30) 60/099,954 11 Sep/sep 1998 US
(11.09.1998)

(30) not yet known 10 Sep/sep 1999 US
(10.09.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • TAMPER DETECTION AND PREVENTION FOR AN OBJECT CONTROL AND TRACKING SYSTEM
• DETECTION ET PREVENTION DE FRAUDES POUR SYSTEME DE COMMANDE ET DE REPERAGE D'OBJETS

(71) KEY-TRAK, INC. [US/US]; Suite 440, 3075 Breckinridge Boulevard, Duluth, GA 30096-4981 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MALONEY, William, C. [US/US]; 4693 Magnolia Circle, Marietta, GA 30067 (US).

(74) ISAF, Louis, T. et al. / etc.; Womble Carlyle Sandridge & Rice, P.O. Box 720601, Atlanta, GA 30358-2601 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁶ G08B 13/181

(11) WO 00/16285 (13) A1

(21) PCT/US99/20311

(22) 3 Sep/sep 1999 (03.09.1999)

(25) en (26) en

(30) 09/152,201 11 Sep/sep 1998 US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • AN INTEGRATED CIRCUIT ASSEMBLY AND METHOD OF ASSEMBLY

• ENSEMBLE CIRCUIT INTEGRE ET PROCEDE D'ASSEMBLAGE

(71) MOTOROLA INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) EBERHARDT, Noel, H.; 21407 Kryzich Place, Cupertino, CA 95014 (US). VEGA, Victor, Allen; 2062 Pheasant Drive, Hercules, CA 94547 (US).

(74) HUGHES, Terri, S. et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(81) BR CA CN JP MX ZA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁶ G08B 13/187

(11) WO 00/16286 (13) A1

(21) PCT/US99/20309

(22) 3 Sep/sep 1999 (03.09.1999)

(25) en (26) en

(30) 09/151,901 11 Sep/sep 1998 US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • RADIO FREQUENCY IDENTIFICATION TAG APPARATUS AND RELATED METHOD
• DISPOSITIF DE BADGE HF ET PROCEDE CORRESPONDANT

(71) MOTOROLA INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) VEGA, Victor, Allen; 2062 Pheasant Drive, Hercules, CA 94547 (US). EBERHARDT, Noel, H.; 21407 Krzich Place, Cupertino, CA 95014 (US).

(74) HUGHES, Terri, S. 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 CR CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁶ G08B 13/187

(11) WO 00/16287 (13) A1

(21) PCT/US99/21168

(22) 13 Sep/sep 1999 (13.09.1999)

(25) en (26) en

(30) 09/154,398 16 Sep/sep 1998 US
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • PRODUCT AUTHENTICATION INDICIA CONCEALED IN MAGNETOMECHANICAL EAS MARKER

• EMPREINTE D'AUTHENTICIFICATION DE PRODUITS DISSIMULEE DANS UNE ETIQUETTE DE SURVEILLANCE ELECTROMECHANIQUE

(71) SENSORMATIC ELECTRONICS CORPORATION [US/US]; 951 Yamato Road, Boca Raton, FL 33431-0700 (US).

(72) RYAN, Joseph, M., Jr.; 397 Glenbrook Drive, Atlantis, FL 33462 (US).

(74) KASHIMBA, Paul, T. et al. / etc.; Sensor-matic Electronics Corporation, 951 Yamato Road, Boca Raton, FL 33431-0700 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁶ G08B 25/10, G01S 5/00

(11) WO 00/16288 (13) A1

(21) PCT/EP98/05853

(22) 15 Sep/sep 1998 (15.09.1998)

(25) de (26) de

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • PROTECTION AND SURVEILLANCE SYSTEM, ESPECIALLY FOR PERSONS REQUIRING ASSISTANCE OR PROTECTION

• SYSTEME DE PROTECTION ET DE SURVEILLANCE, EN PARTICULIER POUR PERSONNES NECESSITANT UNE AIDE OU UNE PROTECTION

(71, 72) HAHMANN HUB, Karin [DE/DE]; Hauptstrasse 78, D-97437 Haßfurt (DE). HUB, Steffen [DE/DE]; Hauptstrasse 78, D-97437 Haßfurt (DE). DEMMLER, Karsta [DE/DE]; Birkenweg 2, D-97531 Wonfurt (DE).

(74) KUHNEN & WACKER PATENTANWALTSGESELLSCHAFT MBH; Alois-Steinecker-Strasse 22, D-85354 Freising (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁶ **G08C 19/00, 19/06, 19/12, B60C 19/00, 9/00, 15/00, 9/02, G01S 13/74, G06K 19/00**

(11) **WO 00/16289** (13) A1

(21) PCT/US99/20803

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 60/099,927 **11 Sep/sep 1998 US (11.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● **ELECTROSTATIC RFID/EAS SYSTEM**
● **SYSTEME ELECTROSTATIQUE DE SURVEILLANCE ELECTRONIQUE D'ARTICLES ET D'IDENTIFICATION PAR BADGE HF**

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **VEGA, Victor**; 2062 Pheasant Drive, Hercules, CA 94547 (US). **ROLIN, John, H.**; 28 La Crosse Drive, Morgan Hill, CA 95037 (US).

(74) **HUGUES, Terri, S.** 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 CR CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **G08C 19/02**

(11) **WO 00/16290** (13) A1

(21) PCT/EP99/06774

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) MI98A002015 **16 Sep/sep 1998 IT (16.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● **MEASURING SYSTEM USING DETACHABLE READING/PROGRAMMING MEANS**

● **SYSTEME DE MESURE UTILISANT UN DISPOSITIF DE LECTURE/PROGRAMMAGE AMOVIBLE**

(71) **ABB KENT TAYLOR S.P.A.** [IT/IT]; Via Statale, 113, I-22016 Lenno (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BORELLI, Riccardo** [IT/IT]; Via S. Pellico, 27, I-22016 Lenno (IT). **BIANCHI, Gianfranco** [IT/IT]; Via delle Busacce, 4, I-22020 San Fermo Della Bataglia (IT).

(74) **GIAVARINI, Francesco**; ABB Ricerca S.p.A., Viale Edison, 50, I-20099 Sesto San Giovanni (IT).

(81) BR JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)⁶ **G08C 21/00, G09G 5/00**

(11) **WO 00/16291** (13) A1

(21) PCT/US99/20237

(22) **3 Sep/sep 1999 (03.09.1999)**

(25) en (26) en

(30) 09/150,251 **10 Sep/sep 1998 US (10.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● **SYSTEMS AND PROCESSING ALGORITHMS FOR ULTRASOUND TIME-OF-FLIGHT DIGITIZER SYSTEMS**

● **SYSTEMES ET ALGORITHMES DE TRAITEMENT DESTINE A DES SYSTEMES DE NUMERISATION DU TEMPS DE VOL DES ULTRASONS**

(71) **PEGASUS TECHNOLOGIES LTD.** [IL/IL]; Hazoref Street 5, 58856 Holon (IL). (for all designated States except / pour tous les États désignés sauf US)

(71) **FRIEDMAN, Mark, M.** [US/IL]; Alharizi 1, 43406 Raanana (IL). (only for / seulement pour TJ)

(72, 75) **ZLOTER, Zahi** [IL/IL]; Hugo Hernt Street 3, 58516 Holon (IL). **SHENHOLTZ, Gideon** [IL/IL]; Rothchild Boulevard 133, 65272 Tel Aviv (IL). **SERBER, Ron** [IL/IL]; Yohanan Hagadi Street 10, 62269 Tel Aviv (IL).

(74) **FRIEDMAN, Mark, M.**; c/o Castorina, Anthony, Suite 207, 2001 Jefferson Davis Highway, Arlington, VA 22202 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **G08G 1/0969**

(11) **WO 00/16292** (13) A1

(21) PCT/KR99/00549

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 1998/37971 **15 Sep/sep 1998 KR (15.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● **METHOD AND APPARATUS FOR PROVIDING TIME-VARIANT GEOGRAPHICAL INFORMATION AND A USER DEVICE THEREFOR**

● **PROCEDE ET APPAREIL POUR PRODUIRE DES INFORMATIONS GEOGRAPHIQUES VARIABLES DANS LE TEMPS ET DISPOSITIF UTILISATEUR PREVU A CET EFFET**

(71, 72) **LEE, Heung-Soo** [KR/KR]; 801-17, Shiheung 4-dong, Keumcheon-ku, Seoul 153-034 (KR).

(74) **LEE, Kyeong-Ran**; 502 BYC Building, 648-1, Yeoksam 1-dong, Kangnam-ku, Seoul 135-081 (KR).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)⁷ **G08G 1/127**

(11) **WO 00/16293** (13) A1

(21) PCT/US99/21420

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 09/153,732 **15 Sep/sep 1998 US (15.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● **METHOD AND APPARATUS FOR AUTOMATIC EVENT DETECTION IN A WIRELESS COMMUNICATION SYSTEM**

● **PROCEDE ET APPAREIL PERMETTANT DE DETECTER AUTOMATIQUEMENT UN EVENEMENT DANS UN SYSTEME DE COMMUNICATION SANS FIL**

(71) **QUALCOMM INCORPORATED** [US/US]; 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).

(72) **SEGAL, Michael, L.**; 1442 Turquoise Drive, Carlsbad, CA 92009 (US). **ANTONIO, Franklin, P.**; 2765 Cordoba Cove, Del Mar, CA 92014 (US). **ELAM, Sue**; 3634 Alabama Street, San Diego, CA 92104 (US). **ERLENBACH, Judd**; 10673 Canyon Lake Drive, San Diego, CA 92131 (US). **WOOTEN, Kathleen, R.**; 11276 Caminito Rodar, San Diego, CA 92126 (US).

(74) **MILLER, Russell, B.** et al. / etc.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁶ **G09B 19/02, A63F 9/08**

(11) **WO 00/16294** (13) A1

(21) PCT/US99/21355

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 09/153,743 **15 Sep/sep 1998** US
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **MAGIC SQUARES GAME**
• **JEU DES CARRES MAGIQUES**

(71, 72) **HARRIS, Richard, L.** [US/US]; HCR3 Box 490, Deer River, MN 56636 (US).

(74) **DAIGNAULT, Ronald, A.**; Merchant & Gould P.C., 3100 Norwest Center, 90 South Seventh Street, Minneapolis, MN 55402-4131 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **G09F**

(11) **WO 00/16295** (13) A2

(21) PCT/US99/21283

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) en (26) en

(30) 60/100,922 **17 Sep/sep 1998** US
(17.09.1998)

(30) 09/356,514 **19 Jul/juil 1999** US
(19.07.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **ATTENTION DRAWING DEVICE**
• **DISPOSITIF PERMETTANT D'ATTIRER L'ATTENTION**

(63) US 09/356,514 (CON)
19 Jul/juil 1999 (19.07.1999)

(71, 72) **CHRIS, Ike** [US/US]; 7422 Brian Run Court, Springfield, VA 22153 (US).

(74) **KLIMA, William, L.**; Klima & Pezzlo, P.C., Crystal Plaza One – Suite 905, 2001 Jefferson Davis Highway, Arlington, VA 22202-3603 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **G09F 3/03**

(11) **WO 00/16296** (13) A1

(21) PCT/HR98/00002

(22) **14 Sep/sep 1998 (14.09.1998)**

(25) en (26) en

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **CODED SECURITY SEAL WITH A PROTECTIVE COVER**
• **SCEAU DE SECURITE CODE AVEC CACHE PROTECTEUR**

(71, 72) **JELAVIĆ, Ivan** [HR/HR]; Viška 7, 21000 Split (HR).

(74) **DIATUS;** Poljicka cesta 31, 21000 Split (HR).

(81) AL AU BA BG BR CA CN CU CZ EE GE HR HU ID IL IS JP KP KR LC LK LR LT LV MK MN MX NO NZ PL RO SG SI SK SL TR TT UA US UZ VN YU; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁶ **G09F 7/18, B67D 5/32**

(11) **WO 00/16297** (13) A1

(21) PCT/AU99/00759

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) PP 5848 **11 Sep/sep 1998** AU
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **A CONNECTOR**
• **RACCORD**

(71) **COMWELD GROUP PTY. LTD.** [AU/AU]; 85 Chifley Drive, Preston, VIC 3072 (AU).

(72) **GRIGGS, Kenneth, William;** 1/17 Corsewall Close, Hawthorn, VIC 3122 (AU).

(74) **BALDWIN SHELSTON WATERS;** 60 Margaret Street, Sydney, NSW 2000 (AU).

(81) AU GB ID NZ ZA.

(51)⁷ **G09F 7/18, E01F 9/011**

(11) **WO 00/16298** (13) A1

(21) PCT/SE99/01513

(22) **2 Sep/sep 1999 (02.09.1999)**

(25) sv (26) en

(30) 9803087-7 **10 Sep/sep 1998** SE
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **DEVICE FOR HOLDING A SIGN**
• **FIXATION D'ECRITEAU**

(71) **WHITE DESIGN AB** [SE/SE]; P.O. Box 2502, S-403 17 Göteborg (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NORDENSTAM, Claes** [SE/SE]; Svenslyckegatan 20, S-416 56 Göteborg (SE).

(74) **CEGUMARK AB;** P.O. Box 53047, S-400 14 Göteborg (SE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **G09F 11/02**

(11) **WO 00/16299** (13) A1

(21) PCT/IL99/00484

(22) **8 Sep/sep 1999 (08.09.1999)**

(25) en (26) en

(30) 126155 **10 Sep/sep 1998** IL
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **IMAGE DISPLAY DEVICE**
• **DISPOSITIF D'AFFICHAGE D'IMAGES**

(71) **SIXEYE LTD.** [IL/IL]; P.O. Box 3670, 90805 Mevaseret Zion (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NOUVOPLANSKY, Avishy** [IL/IL]; Meshek 46, 90815 Moshav Beit Zeit (IL).

(74) **REINHOLD COHN AND PARTNERS;** P.O. Box 4060, 61040 Tel-Aviv (IL).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

- (51)⁶ **G09F 13/22**
 (11) **WO 00/16300** (13) A1
 (21) PCT/AU99/00778
 (22) **15 Sep/sep 1999 (15.09.1999)**
 (25) en (26) en
 (30) PP 5936 **15 Sep/sep 1998 AU (15.09.1998)**
 (43) 23 Mar/mar 2000 (23.03.2000)
 (54) • IMPROVED DISPLAY APPARATUS
 • DISPOSITIF D’AFFICHAGE AMELIORE
 (71) **LUMITEX PTY LTD** [AU/AU]; Suite 10, Peninsula Place, 57 Labouchere Road, South Perth, W.A. 6151 (AU).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **DELICH, Philip** [AU/AU]; 31 Bourke View, Jane Brook, W.A. 6065 (AU).
 (74) **WRAY & ASSOCIATES**; 239 Adelaide Terrace, Perth, W.A. 6000 (AU).
 (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **G09F 15/00**
 (11) **WO 00/16301** (13) A2
 (21) PCT/GB99/02862
 (22) **31 Aug/août 1999 (31.08.1999)**
 (25) en (26) en
 (30) 9819633.0 **10 Sep/sep 1998 GB (10.09.1998)**
 (43) 23 Mar/mar 2000 (23.03.2000)
 (54) • AN ERECTABLE DISPLAY
 • PRESENTOIR MONOBLOC DEPLIABLE
 (71) **DISPLAY MATRIX LIMITED** [GB/GB]; Olympia House, 196 Broomhill Road, Brislington, Bristol BS4 5PT (GB).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **GUTHRIE, Raymond** [GB/GB]; Display Matrix Limited, Olympia House, 196 Broomhill Road, Brislington, Bristol BS4 5PT (GB).
 (74) **DUNLOP, Brian, Kenneth, Charles** et al. / etc.; Wynne-Jones, Laine & James, 22 Rodney Road, Cheltenham, Gloucestershire GL50 1JJ (GB).
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- (51)⁷ **G09G 1/16, G06F 3/14**
 (11) **WO 00/16302** (13) A1
 (21) PCT/US99/20475
 (22) **10 Sep/sep 1999 (10.09.1999)**
 (25) en (26) en
 (30) 60/100,057 **10 Sep/sep 1998 US (10.09.1998)**
 (30) Not furnished / non communiqué **9 Sep/sep 1999 US (09.09.1999)**
 (43) 23 Mar/mar 2000 (23.03.2000)
 (54) • METHOD AND APPARATUS FOR BIDIRECTIONAL DATA TRANSFER BETWEEN A DIGITAL DISPLAY AND A COMPUTER
 • PROCEDE ET DISPOSITIF PERMETTANT LE TRANSFERT BIDIRECTIONNEL DE DONNEES ENTRE UN AFFICHEUR NUMERIQUE ET UN ORDINATEUR
 (71) **SILICON IMAGE, INC.** [US/US]; 1060 East Arques Avenue, Sunnyvale, CA 94086 (US).
 (72) **KIM, Sungjoon**; 5-1107 Mujigae Apartment, Seocho-dong, Seocho-gu, Seoul (KR). **JEONG, Deog-Kyoon**; 602-1901, Hyoja-chon, Seohyun-Dong, Bundang-ku, Seoul 463-050 (KR). **LEE, David, D.**; 3715 Redwood Circle, Palo Alto, CA 94306 (US).
 (74) **CARR, John, R.** et al. / etc.; Fenwick & West LLP, Two Palo Alto Square, Palo Alto, CA 94306 (US).
 (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **G09G 3/22, 3/28**
 (11) **WO 00/16304** (13) A1
 (21) PCT/KR99/00526
 (22) **9 Sep/sep 1999 (09.09.1999)**
 (25) en (26) en
 (30) 1998/37508 **11 Sep/sep 1998 KR (11.09.1998)**
 (43) 23 Mar/mar 2000 (23.03.2000)
 (54) • A DRIVING CIRCUIT FOR A FIELD EMISSION DISPLAY
 • CIRCUIT D’ATTAQUE D’UN ECRAN A EMISSION DE CHAMP
 (71) **ORION ELECTRIC CO. LTD.** [KR/KR]; 165, Gongdan-dong, Gumi-si, Kyung-sangbuk-do 730-030 (KR).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **KIM, Seung, Tae** [KR/KR]; 31-13, Yokchon 1-dong, Eunpyoung-ku, Seoul 122-071 (KR). **KWON, Oh, Kyong** [KR/KR]; 14-1102 Changmi Apt., Shincheon-dong, Songpa-ku, Seoul 138-240 (KR).
 (74) **LEE, Hoo, Dong**; Hankook Tire Building, 7th-11th floors, 647-15, Yoksam-dong, Kangnam-ku, Seoul 135-723 (KR).
 (81) JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **G09G 3/36**
 (11) **WO 00/16305** (13) A1
 (21) PCT/EP99/06409
 (22) **31 Aug/août 1999 (31.08.1999)**
 (25) en (26) en
 (30) 98203038.9 **10 Sep/sep 1998 EP (10.09.1998)**

Published / Publiée : (c)

- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • MATRIX DISPLAY DEVICE
• DISPOSITIF MATRICIEL DE PRESENTATION
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) PLANGGER, Guido; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) RAAP, Adriaan, Y.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) CN JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)⁶ G09G 5/00
- (11) WO 00/16306 (13) A1
- (21) PCT/US99/20717
- (22) 10 Sep/sep 1999 (10.09.1999)
- (25) en (26) en
- (30) 60/099,826 10 Sep/sep 1998 US (10.09.1998)
- (30) 09/393,324 9 Sep/sep 1999 US (09.09.1999)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • BI-DIRECTIONAL DATA TRANSFER USING TWO PAIR OF DIFFERENTIAL LINES AS A SINGLE ADDITIONAL DIFFERENTIAL PAIR
• TRANSFERT DE DONNEES BI-DIRECTIONNEL UTILISANT DEUX PAIRES DE LIGNES DIFFERENTIELLES COMME UNE SEULE PAIRE DIFFERENTIELLE SUPPLEMENTAIRE
- (71) SILICON IMAGE, INC. [US/US]; 1060 East Arques Avenue, Sunnyvale, CA 94086 (US).
- (72) MARTIN, Russel, A.; 481 Vine Street, Menlo Park, CA 94025 (US).
- (74) CARR, John, R. et al. / etc.; Fenwick & West LLP, Two Palo Alto Square, Palo Alto, CA 94306 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ G09G 5/14
- (11) WO 00/16307 (13) A1
- (21) PCT/US99/18675
- (22) 17 Aug/août 1999 (17.08.1999)
- (25) en (26) en
- (30) 60/099,685 10 Sep/sep 1998 US (10.09.1998)
- (30) 09/300,932 28 Apr/avr 1999 US (28.04.1999)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD AND APPARATUS FOR VISUALIZING AND EXPLORING LARGE HIERARCHICAL STRUCTURES
• PROCEDE ET APPAREIL DE VISUALISATION ET D'EXPLORATION DE GRANDES STRUCTURES HIERARCHIQUES
- (71) MICROSOFT CORPORATION [US/US]; One Microsoft Way, Redmond, WA 98052 (US).
- (72) BERNHARDT, Jeff; 20124 192nd Avenue, Woodinville, WA 98072 (US). FAYYAD, Usama, M.; 9705 SE 43rd Street, Mercer Island, WA 98040 (US).
- (74) SCHULTZ, Stephen, J.; Watts, Hoffmann, Fisher & Heinke Co., L.P.A., P.O. Box 99839, Cleveland, OH 44199-0839 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ G10K 11/34
- (11) WO 00/16308 (13) A1
- (21) PCT/GB99/03075
- (22) 15 Sep/sep 1999 (15.09.1999)
- (25) en (26) en
- (30) 9819973.0 15 Sep/sep 1998 GB (15.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • IMPROVEMENTS RELATING TO BEAMFORMERS
• AMELIORATIONS CONCERNANT DES FORMEURS DE FAISCEAUX
- (71) THE SECRETARY OF STATE FOR DEFENCE [GB/GB]; Defence Evaluation and Research Agency, Farnborough, Hampshire GU14 0LX (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JONES, Keith, John [GB/GB]; Building A22, Room 177, Winfrith Technology Centre, Dorchester, Dorset DT2 8XJ (GB).
- (74) LAWRENCE, John; Barker Brettell, 138 Hagley Road, Edgbaston, Birmingham B16 9PW (GB).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ G10L 13/02
- (11) WO 00/16310 (13) A1
- (21) PCT/EP99/06712
- (22) 10 Sep/sep 1999 (10.09.1999)
- (25) de (26) de
- (30) 198 41 683.0 11 Sep/sep 1998 DE (11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • DEVICE AND METHOD FOR DIGITAL VOICE PROCESSING
• PROCEDE ET DISPOSITIF DE TRAITEMENT NUMERIQUE DE LA VOIX
- (71, 72) KULL, Hans [CH/CH]; Kull Informatik & Co., Neustadt 29, CH-8200 Schaffhausen (CH).
- (74) BETTEN & RESCH; Reichenbachstrasse 19, D-80469 München (DE).

(81) AU CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)⁷ **G10L 15/10, 15/26**

(11) **WO 00/16311** (13) A1

(21) PCT/EP99/06669

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) en (26) en

(30) 98203025.6 **11 Sep/sep 1998 (11.09.1998)** EP

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR ERROR RECOVERY IN METHOD AND DEVICE FOR RECOGNISING A USER PRESENTATION THROUGH ASSESSING THE RELIABILITY OF A LIMITED SET OF HYPOTHESES

• PROCEDE D'EXTRACTION D'ERREUR DANS UN PROCEDE ET UN DISPOSITIF DE RECONNAISSANCE D'UNE PRESENTATION UTILISATEUR, PAR EVALUATION DE LA FIABILITE D'UN ENSEMBLE LIMITE D'HYPOTHESES

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)

(71) **PHILIPS CORPORATE INTELLECTUAL PROPERTY GMBH** [DE/DE]; Habsburgerallee 11, D-52066 Aachen (DE).
(only for / seulement pour DE)

(72, 75) **RÜBER, Bernhard, J.** [DE/NL]; Prof. Holstlaan 6, D-5656 AA Eindhoven (DE).
KELLNER, Andreas [DE/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
SCHRAMM, Hauke [DE/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **GÖSSMANN, Klemens**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)⁶ **G10L 17/00**

(11) **WO 00/16312** (13) A1

(21) PCT/US99/20078

(22) **2 Sep/sep 1999 (02.09.1999)**

(25) en (26) en

(30) 60/099,739 **10 Sep/sep 1998 (10.09.1998)** US

(30) 09/264,288 **8 Mar/mar 1999 (08.03.1999)** US

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR IMPLEMENTING A SPEECH VERIFICATION SYSTEM FOR USE IN A NOISY ENVIRONMENT

• PROCEDE DE MISE EN OEUVRE D'UN SYSTEME DE VERIFICATION DE LA PAROLE A UTILISER DANS UN MILIEU BRUYANT

(71) **SONY ELECTRONICS INC.** [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).

(72) **WU, Duanpei**; 666 Gail Avenue #C3, Sunnyvale, CA 94086 (US). **TANAKA, Miyuki**; 2-1-21-306 Minami-kugahara, Ohta-ku, Tokyo 146-0084 (JP). **OLOREN-SHAW, Lex**; 267 Morningside Drive, Corte Madera, CA 94925 (US).

(74) **KOERNER, Gregory et al.** / etc.; Carr & Ferrell LLP, Suite 200, 2222 East Bayshore Road, Palo Alto, CA 94303 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **G10L 19/00, 19/14**

(11) **WO 00/16313** (13) A1

(21) PCT/SE99/01582

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 09/154,361 **16 Sep/sep 1998 (16.09.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • SPEECH CODING WITH BACKGROUND NOISE REPRODUCTION
• CODAGE DE LA PAROLE AVEC REPRODUCTION DU BRUIT DE FOND

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).

(72) **JOHANSSON, Ingemar**; Regnvägen 16, S-976 32 Luleå (SE). **SVEDBERG, Jonas**; Lingonstigen 73, S-973 33 Luleå (SE). **UVLIDEN, Anders**; Forskarvägen 27, S-977 53 Luleå (SE).

(74) **ERICSSON RADIO SYSTEMS AB**; Patent Support/Ericsson Research, S-164 80 Stockholm (SE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ **G10L 19/12**

(11) **WO 00/16314** (13) A2

(21) PCT/SE99/01432

(22) **24 Aug/août 1999 (24.08.1999)**

(25) en (26) en

(30) 9803164-4 **16 Sep/sep 1998 (16.09.1998)** SE

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • CELP ENCODING/DECODING METHOD AND APPARATUS
• PROCEDE CELP DE CODAGE/DECODAGE ET APPAREIL ASSOCIE

(71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S-126 25 Stockholm (SE).

(72) **UVLIDEN, Anders**; Forskarvägen 27, S-977 53 Luleå (SE). **SVEDBERG, Jonas**; Lingonstigen 73, S-973 33 Luleå (SE).

(74) **MRAZEK, Werner et al.** / etc.; Aros Patent AB, Box 1544, S-751 45 Uppsala (SE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **G10L 19/14**

(11) **WO 00/16315** (13) A2

(21) PCT/SE99/01433

(22) **24 Aug/août 1999 (24.08.1999)**

(25) en (26) en

(30) 9803165-1 **16 Sep/sep 1998 (16.09.1998)** SE

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • LINEAR PREDICTIVE ANALYSIS-BY-SYNTHESIS ENCODING METHOD AND ENCODER
• PROCEDE DE CODAGE PREDICTIF LINEAIRE A ANALYSE/SYNTHESE, ET CODEUR ASSOCIE

(71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S-126 25 Stockholm (SE).

(72) **EKUDDEN, Erik**; Fjärilsvägen 23, S-184 38 Åkersberga (SE). **HAGEN, Roar**; Kungsklippan 12 3 tr., S-112 25 Stockholm (SE).

(74) **MRAZEK, Werner et al.** / etc.; Aros Patent AB, P.O. Box 1544, S-751 45 Uppsala (SE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁶ G11B 5/02

(11) WO 00/16316 (13) A1

(21) PCT/JP98/04073

(22) 10 Sep/sep 1998 (10.09.1998)

(25) ja (26) ja

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • MAGNETIC DISK MEMORY AND A HARD DISK DRIVE

- MEMOIRE DE TYPE DISQUE MAGNETIQUE ET UNITE DE DISQUES DURS

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP). **HITACHI ULSI SYSTEMS CO., LTD.** [JP/JP]; 22-1, Josuihoncho 5-chome, Kodaira-shi, Tokyo 187-8522 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HASHIMOTO, Takashi** [JP/JP]; Hitachi, Ltd., Device Development Center, 16-3, Shinmachi 6-chome, Oume-shi, Tokyo 198-8512 (JP). **SONOYAMA, Katuya** [JP/JP]; Hitachi Ulsi Systems Co., Ltd., 22-1, Josuihoncho 5-chome, Kodaira-shi, Tokyo 187-8522 (JP).

(74) **TOKUWAKA, Kousei**; 16-8, Inokashira 5-chome, Mitaka-shi, Tokyo 181-0001 (JP).

(81) CN JP KR SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ G11B 5/31, 5/09, 20/14

(11) WO 00/16317 (13) A1

(21) PCT/US99/20144

(22) 2 Sep/sep 1999 (02.09.1999)

(25) en (26) en

(30) 09/150,803 10 Sep/sep 1998 US (10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • THIN FILM TAPE WRITE HEAD FOR DUAL FREQUENCY OPERATION

- TETE D'ECRITURE A COUCHE MINCE SUR BANDE MAGNETIQUE POUR FONCTIONNEMENT EN DEUX FREQUENCES

(71) **STORAGE TECHNOLOGY CORPORATION** [US/US]; One StorageTek Drive, MS-4309, Louisville, CO 80028-4309 (US).

(72) **DEE, Richard, H.**; 379 Sunland Street, Louisville, CO 80027 (US). **ENGEL, Bradley, N.**; 134 South Warbler Court, Louisville, CO 80027 (US).

(74) **BAILEY, Wayne, P.** et al. / etc.; Storage Technology Corporation, One Storage-Tek Drive, MS-4309, Louisville, CO 80028-4309 (US).

(81) CN JP KP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁶ G11B 5/60

(11) WO 00/16318 (13) A1

(21) PCT/JP99/05061

(22) 16 Sep/sep 1999 (16.09.1999)

(25) ja (26) ja

(30) 10/261147 16 Sep/sep 1998 JP (16.09.1998)

(30) 10/334802 25 Nov/nov 1998 JP (25.11.1998)

(30) 11/52015 26 Feb/fév 1999 JP (26.02.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • HEAD SUPPORT MECHANISM, INFORMATION RECORDING / REPRODUCING APPARATUS, AND METHOD OF MANUFACTURING HEAD SUPPORT MECHANISM

- MECANISME DE SUPPORT DE TETE, APPAREIL D'ENREGISTREMENT / REPRODUCTION D'INFORMATIONS ET PROCEDE DE FABRICATION D'UN MECANISME DE SUPPORT DE TETE

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YOKOYAMA, Kazuo** [JP/JP]; 1-30-7, Kitayama, Hirakata-shi, Osaka 573-0171 (JP). **YAMAMOTO, Shinichi** [JP/JP]; 174-10, Kuzuhamentori, Hirakata-shi, Osaka 573-1113 (JP). **IRIE, Yousuke** [JP/JP]; 44-405, Tsurumaidanchi, Iban, Tsurumaihigashimachi, Nara-shi, Nara 631-0021 (JP). **KUWAJIMA, Hideki** [JP/JP]; 36-3, Shimobettouchou, Kitashirakawa, Sakyo-ku, Kyoto-shi, Kyoto 606-8286 (JP). **SAKAMOTO, Kenichi** [JP/JP]; 1-4-1-223, Uenohigashi, Toyonaka-shi, Osaka 560-0013 (JP). **MATSUOKA, Kaoru** [JP/JP]; 2-4-17, Morishoji, Asahi-ku, Osaka-shi, Osaka 353-0013 (JP). **KANNO, Isaku** [JP/JP]; 5-7-22, Tezukaiyama, Nara-shi, Nara 631-0062 (JP). **FUJII, Satoru** [JP/JP]; 1-14-12, Tsukawaki, Takatsuki-shi, Osaka 569-1036 (JP).

(74) **YAMAMOTO, Shusaku**; 15th Floor, Crystal Tower, 2-27, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-6015 (JP).

(81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁶ G11B 5/80, 5/84, B42D 15/10

(11) WO 00/16319 (13) A1

(21) PCT/JP99/05001

(22) 14 Sep/sep 1999 (14.09.1999)

(25) ja (26) ja

(30) 10/259964 14 Sep/sep 1998 JP (14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • TRANSFER MAGNETIC TAPE, METHOD OF PRODUCING THE SAME, AND MAGNETIC CARD

- BANDE MAGNETIQUE DE TRANSFERT, PROCEDE DE PRODUCTION DE LADITE BANDE ET CARTE MAGNETIQUE

(71) **DAINIPPON INK AND CHEMICALS, INC.** [JP/JP]; 35-58, Sakashita 3-chome, Itabashi-ku, Tokyo 174-8520 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YANO, Daisuke** [JP/JP]; 1546-3-202, Oaza Ushijima, Kasukabe-shi, Saitama 344-0004 (JP). **YAMAZAKI, Yoshikazu** [JP/JP]; 1177-10, Kounosu, Kounosu-shi, Saitama 365-0028 (JP). **MIYAHARA, Tetsyu** [JP/JP]; 4-12-8-206, Midorigaoka, Ageo-shi, Saitama 362-0015 (JP).

(74) **SHIGA, Masataka** et al. / etc.; OR Building, 23-3, Takadanobaba 3-chome, Shinjuku-ku, Tokyo 169-8925 (JP).

(81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁶ G11B 7/007, 7/24, 7/26, 20/12

(11) WO 00/16320 (13) A1

(21) PCT/JP99/04828

(22) 6 Sep/sep 1999 (06.09.1999)

(25) ja (26) ja

(30) 10/256543 10 Sep/sep 1998 JP (10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • OPTICAL INFORMATION RECORDING MEDIUM, METHOD OF MANUFACTURE THEREOF, AND METHOD OF RECORDING AND REPRODUCTION

- SUPPORT DE DONNEES OPTIQUE, PROCEDE DE FABRICATION ASSOCIE, ET PROCEDE D'ENREGISTREMENT ET DE LECTURE

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006-banchi, Oaza-kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NISHIUCHI, Kenichi** [JP/JP]; 6-22, Shoudaihiranocho, Hirakata-shi, Osaka 573-1135 (JP). **NAGATA, Ken'ichi** [JP/JP]; 12-7, Kaminochou, Nishinomiyashi, Hyogo 663-8021 (JP).

(74) **IKEUCHI, Hiroyuki** et al. / etc.; Umeda Plaza Building, Suite 401, 3-25, Nishitenma 4-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ G11B 7/095, 7/09

(11) WO 00/16321 (13) A1

(21) PCT/JP99/03761

(22) 13 Jul/juil 1999 (13.07.1999)

(25) en (26) en

(30) 10/259904 14 Sep/sep 1998 JP
(14.09.1998)

(30) 10/364549 22 Dec/déc 1998 JP
(22.12.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • TILT DETECTION DEVICE, OPTICAL DISC DEVICE, AND TILT CONTROL METHOD

• DISPOSITIF DE DETECTION D'INCLINAISON, DISPOSITIF DE DISQUE OPTIQUE ET PROCEDE DE COMMANDE D'INCLINAISON

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(72) NAKAMURA, Atsushi; Shokoryo, 25-3, Midocho, Kadoma-shi, Osaka 571-0064 (JP). SHOJI, Mamoru; 3-13-4-805, Mozu-memachi, Sakai-shi, Osaka 591-8032 (JP). ISHIDA, Takashi; 13-14, Hashimotoisoku, Yawata-shi, Kyoto 614-8331 (JP).

(74) AOYAMA, Tamotsu et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

(81) AU BR CA CN KR SG.

Published / Publiée : (c)

(51)⁷ G11B 7/125, 20/10, 7/00

(11) WO 00/16322 (13) A1

(21) PCT/JP99/03699

(22) 8 Jul/juil 1999 (08.07.1999)

(25) en (26) en

(30) 10/259908 14 Sep/sep 1998 JP
(14.09.1998)

(30) 10/350100 9 Dec/déc 1998 JP
(09.12.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • OPTICAL DATA RECORDING METHOD, AND DATA RECORDING MEDIUM

• PROCEDE D'ENREGISTREMENT DE DONNEES OPTIQUES ET SUPPORT D'ENREGISTREMENT DE DONNEES

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(72) SHOJI, Mamoru; 3-13-4-805, Mozu-memachi, Sakai-shi, Osaka 591-8032 (JP). ISHIDA, Takashi; 13-14, Hashimotoisoku, Yawata-shi, Kyoto 614-8331 (JP). NAKAMURA, Atsushi; Shokoryo, 25-3, Midocho, Kadoma-shi, Osaka 571-0064 (JP).

(74) AOYAMA, Tamotsu et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

(81) AU BR CA CN KR SG.

(51)⁷ G11B 7/125, 20/10, 7/00

(11) WO 00/16323 (13) A1

(21) PCT/JP99/05007

(22) 14 Sep/sep 1999 (14.09.1999)

(25) en (26) en

(30) 10/259908 14 Sep/sep 1998 JP
(14.09.1998)

(30) 10/350100 9 Dec/déc 1998 JP
(09.12.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • RECORDING MEDIUM, RECORDING APPARATUS AND RECORDING METHOD

• SUPPORT D'ENREGISTREMENT, APPAREIL POUR L'ENREGISTREMENT ET PROCEDE D'ENREGISTREMENT

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(72) SHOJI, Mamoru; 3-13-4-805, Mozu-memachi, Sakai-shi, Osaka 591-8032 (JP). ISHIDA, Takashi; 13-14, Hashimotoisoku, Yawata-shi, Kyoto 614-8331 (JP). NAKAMURA, Atsushi; Syokoryo, 25-3, Midocho, Kadoma-shi, Osaka 571-0064 (JP). MINAMINO, Junichi; 409, Syokaryo, 22-7, Korinshinocho, Neyagawa-shi, Osaka 572-0089 (JP).

(74) AOYAMA, Tamotsu et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

(81) CN ID KR MX.

Published / Publiée : (c)

(51)⁷ G11B 15/675

(11) WO 00/16324 (13) A1

(21) PCT/NL99/00563

(22) 10 Sep/sep 1999 (10.09.1999)

(25) nl (26) en

(30) 1010058 10 Sep/sep 1998 NL
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • APPARATUS FOR WRITING AND/OR READING INFORMATION

• APPAREIL D'ECRITURE ET/OU LECTURE D'INFORMATIONS

(71) ONSTREAM, INC. [US/US]; 1907 Gail Court, Loveland, CO 80537 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VOLLMANN, Norbert, Christian [AT/NL]; De Vleeshouwer 7, NL-5506 EN Veldhoven (NL).

(74) OTTEVANGERS, S., U.; Verenigde Octrooibureaux, Nieuwe Parklaan 97, NL-2587 BN The Hague (NL).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁶ G11B 15/68, 17/26, 23/00

(11) WO 00/16325 (13) A1

(21) PCT/JP98/04146

(22) 16 Sep/sep 1998 (16.09.1998)

(25) ja (26) ja

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • FEEDER BELT CLEANING CARTRIDGE AND A LIBRARY APPARATUS

• CARTOUCHE DE NETTOYAGE D'UNE BANDE D'ALIMENTATION ET CHARGEUR MULTIDISQUE

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HIKITA, Minoru [JP/JP]; Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) IGETA, Sadakazu; Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(81) JP US.

(51)⁷ G11B 17/04

(11) WO 00/16326 (13) A1

(21) PCT/JP99/04764

(22) 2 Sep/sep 1999 (02.09.1999)

(25) en (26) en

(30) 10/258809 11 Sep/sep 1998 JP
(11.09.1998)

- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • AN APPARATUS AND METHOD FOR CHUCKING A CARTRIDGE
• APPAREIL ET PROCEDE DE SER-RAGE DE CASSETTE DANS UN MANDRIN
- (71) **KABUSHIKI KAISHA KENWOOD** [JP/JP]; 14-6, Dougenzaka 1-chome, Shibuya-ku, Tokyo 150-0043 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YAMAMOTO, Masato** [JP/JP]; 3-3946-2-805, Iriya, Zama-shi, Kanagawa 228-0024 (JP). **SUWA, Takafumi** [JP/JP]; 2-6-3-304, Mukoudai-cyo, Tanashi-shi, Tokyo 188-0013 (JP). **ASANO, Takahiro** [JP/JP]; 1-46-10-302, Akatsuki-cyo, Hachioji-shi, Tokyo 193-0043 (JP). **ONO, Atuomi** [JP/JP]; Room 2-202, 3-16-2, Minami Ohsawa, Hachioji-shi, Tokyo 192-0364 (JP).
- (74) **OKABE, Masao** et al. / etc.; No.602 Fuji Building, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
- (81) CN US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **G11B 20/10, H04L 25/49**
- (11) **WO 00/16327** (13) A1
- (21) PCT/EP99/06808
- (22) **14 Sep/sep 1999 (14.09.1999)**
- (25) de (26) de
- (30) 98117505.2 **15 Sep/sep 1998** EP
(15.09.1998)
- (30) 98117843.7 **21 Sep/sep 1998** EP
(21.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD AND DEVICE FOR RECORDING DIGITAL INFORMATION DATA WORDS AND A RECORDING MEDIUM COMPRISING AN INFORMATION STRUCTURE ACCORDING TO SAID METHOD
• PROCEDE ET DISPOSITIF POUR DECODER DES MOTS DE DONNEES DE RENSEIGNEMENTS NUMERIQUES ET SUPPORT D'ENREGISTREMENT MUNI DE CETTE STRUCTURE D'INFORMATION OBTENUE A L'AIDE DUDIT PROCEDE
- (71, 72) **SEEHAUSEN, Gerhard** [DE/DE]; Kreuzerdriesch 33, D-52076 Aachen (DE).
- (74) **KLUNKER, SCHMITT-NILSON, HIRSCH**; Winzererstrasse 106, D-80797 München (DE).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)⁶ **G11B 20/10**
- (11) **WO 00/16328** (13) A1
- (21) PCT/JP99/04955
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) ja (26) ja
- (30) 10/256361 **10 Sep/sep 1998** JP
(10.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • ELECTRONIC DEVICE, METHOD OF SIGNAL PROCESSING, METHOD OF INPUT SIGNAL SWITCHING, AND DOWNLOAD SYSTEM
• DISPOSITIF ELECTRONIQUE, PROCEDE DE TRAITEMENT DE SIGNAL, PROCEDE DE COMMUTATION DE SIGNAL D'ENTREE ET SYSTEME DE TELECHARGEMENT
- (71) **SONY CORPORATION** [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **UTSUMI, Yoshimasa** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **ONO, Kenichi** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
- (74) **KOIKE, Akira** et al. / etc.; No.11 Mori Building, 6-4, Toranomon 2-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁶ **G11B 20/10, 20/12, 20/18**
- (11) **WO 00/16329** (13) A1
- (21) PCT/JP99/05009
- (22) **14 Sep/sep 1999 (14.09.1999)**
- (25) ja (26) ja
- (30) 10/260273 **14 Sep/sep 1998** JP
(14.09.1998)
- (30) 10/293193 **15 Oct/oct 1998** JP
(15.10.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • INFORMATION RECORDING MEDIUM, INFORMATION RECORDING DEVICE, INFORMATION RECORDING METHOD, INFORMATION REPRODUCING DEVICE, AND INFORMATION REPRODUCING METHOD
• SUPPORT, DISPOSITIF ET PROCEDE D'ENREGISTREMENT D'INFORMATIONS, DISPOSITIF ET PROCEDE DE REPRODUCTION D'INFORMATIONS
- (71) **KABUSHIKI KAISHA TOSHIBA** [JP/JP]; 72, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa 210-8572 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TAKAHASHI, Hideki** [JP/JP]; 4-11-39-210, Asahicho, Kashiwa-shi, Chiba 277-0852 (JP). **TANOUE, Kouki** [JP/JP]; 203, Maison-Suganuma, 1410, Kitahassakucho, Midori-ku, Yokohama-shi, Kanagawa 226-0021 (JP).
- (74) **SUZUYE, Takehiko** et al. / etc.; Suzuye & Suzuye, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).
- (81) JP US; EP (DE FR GB).
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- (51)⁶ **G11B 20/14, H03L 7/06**
- (11) **WO 00/16330** (13) A1
- (21) PCT/JP99/04857
- (22) **8 Sep/sep 1999 (08.09.1999)**
- (25) ja (26) ja
- (30) 10/258041 **11 Sep/sep 1998** JP
(11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • PHASE COMPARATOR AND DIGITAL PHASE-LOCKED CIRCUIT
• COMPAREUR DE PHASE ET CIRCUIT A VERROUILLAGE DE PHASE NUMERIQUE
- (71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HIRATSUKA, Takashige** [JP/JP]; 820-9, Omachi, Saijo-shi, Ehime 793-0030 (JP).
- (74) **IWAHASHI, Fumio** et al. / etc.; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
- (81) CN ID KR SG US.
-
- (51)⁶ **G11B 20/14**
- (11) **WO 00/16331** (13) A1
- (21) PCT/JP99/04858
- (22) **8 Sep/sep 1999 (08.09.1999)**
- (25) ja (26) ja
- (30) 10/258042 **11 Sep/sep 1998** JP
(11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • CLOCK RECOVERY DEVICE
• DISPOSITIF D'EXTRACTION DE RYTHME
- (71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SATOU, Shinichirou** [JP/JP]; 200, Hukutakekou, Saijo-shi, Ehime 793-0035 (JP). **MARUKAWA, Shouji** [JP/JP]; 1122-11, Iioka, Saijo-shi, Ehime 793-0010 (JP).

(74) **IWAHASHI, Fumio** et al. / etc.; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(81) CN ID KR SG US.

(51)⁷ **G11B 21/10, 5/596**

(11) **WO 00/16332** (13) A1

(21) PCT/US99/21167

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) 60/100,235 **14 Sep/sep 1998** US
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● CONCENTRIC SPACING OF VIRTUAL DATA TRACKS USING RUN-OUT COMPENSATION

● ESPACEMENT CONCENTRIQUE DE PISTES DE DONNEES VIRTUELLES PAR CORRECTION D'ERREURS DUES A UNE TRAJECTOIRE HORS PISTE

(71) **SEAGATE TECHNOLOGY, INC.** [US/US]; 920 Disc Drive, Scotts Valley, CA 95066 (US).

(72) **ELLIS, Timothy, F.**; 25 Interlachen Place, Tonka Bay, MN 55331 (US).

(74) **WIBERG, John, A.**; Westman, Champlin & Kelly, P.A., Suite 1600 - International Centre, 900 Second Avenue South, Minneapolis, MN 55402-3319 (US) et al. / etc.

(81) CN DE GB JP KR SG.

Published / Publiée : (c)

(51)⁷ **G11B 23/03, 7/24, 33/04**

(11) **WO 00/16333** (13) A1

(21) PCT/EP99/06811

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) de (26) de

(30) 198 42 172.9 **15 Sep/sep 1998** DE
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● DATA CARRIER SYSTEM FOR DURABLY ATTACHING A MATERIAL LAYER WHICH CAN BE PROVIDED WITH AN IDENTIFICATION MARKING

● SYSTEME DE SUPPORT DE DONNEES POUR LOGER DE MANIERE MAINTENUE UNE COUCHE DE MATERIAU POUVANT ETRE MUNIE D'UN SIGNE CARACTERISTIQUE

(71, 72) **MICHALSKI, Stefan** [DE/DE]; Gerhart Hauptmann Strasse 18, D-85757 Karlsfeld (DE). **WOLF, Alfons** [DE/DE]; Klenzstrasse 59, D-80469 München (DE).

(74) **MICHALSKI, Stefan**; Gerhart Hauptmann Strasse 18, D-85757 Karlsfeld (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ **G11B 23/03**

(11) **WO 00/16334** (13) A1

(21) PCT/JP99/04844

(22) **6 Sep/sep 1999 (06.09.1999)**

(25) en (26) en

(30) 10/261137 **16 Sep/sep 1998** JP
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● CARTRIDGE

● CARTOUCHE

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(72) **NISHINO, Yukio**; 3-4-13, Tatsutagawa, Heguri-cho, Ikoma-gun, Nara 636-0912 (JP). **GOTO, Yoshikazu**; 1-10-11, Nishikinya, Hirakata-shi, Osaka 573-1192 (JP).

(74) **YAMAMOTO, Shusaku**; Crystal Tower, 15th floor, 2-27, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-6015 (JP).

(81) AU BR CA CN KR SG.

Published / Publiée : (c)

(51)⁷ **G11B 23/04, 31/00**

(11) **WO 00/16335** (13) A1

(21) PCT/GB99/02848

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) 9819927.6 **14 Sep/sep 1998** GB
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● ADAPTER RECEIVABLE WITHIN A CASSETTE PLAYER

● ADAPTATEUR POUVANT ETRE LOGE DANS UN LECTEUR DE CASSETTES

(71) **TRISECT LIMITED** [GB/GB]; Brook House, First floor, Northbrook Street, Newbury RG14 1XW (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TOOLEY, Giles, William** [GB/GB]; 61 Fairview, Andover Road, Newbury RG14 63S (GB). **TOOLEY, Jonathan, Harry** [GB/GB]; Hassendean House, 31 Recreation Road, Andover, Hampshire SP10 1HL (GB).

(74) **ATKINSON, Ralph**; Atkinson & Co., The Technology Park, 60 Shirland Lane, Sheffield S9 3PA (GB).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁶ **G11B 27/00, H04N 5/275, 5/76**

(11) **WO 00/16336** (13) A1

(21) PCT/NZ99/00156

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) en (26) en

(30) 331908 **16 Sep/sep 1998** NZ
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● METHOD AND APPARATUS FOR EDITING A BROADCAST PROGRAM

● PROCEDE ET DISPOSITIF D'EDITION D'UN PROGRAMME DE RADIODIFFUSION

(71) **DSTD CONSULTANTS LIMITED** [NZ/NZ]; 675 Fergusson Drive, Upper Hutt (NZ).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BENT, Roger** [GB/NZ]; 675 Fergusson Drive, Upper Hutt (NZ).

(74) **HAWKINS, Michael, Howard** et al. / etc.; Baldwin Shelston Waters, NCR Building, 342 Lambton Quay, Wellington (NZ).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **G11B 27/36, 20/18, 5/012, 19/04**

(11) **WO 00/16337** (13) A1

(21) PCT/US99/14930

(22) **1 Jul/juil 1999 (01.07.1999)**

(25) en (26) en

(30) 60/100,140 **14 Sep/sep 1998** US
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● DISC DRIVE WITH PREAMPLIFIER FAULT DETECTION FOR DATA INTEGRITY

- UNITE DE DISQUE DOTEE D'UN DISPOSITIF DE DETECTION D'ERREUR DE SELECTION DE PREAMPLIFICATEUR EN VUE DE L'INTEGRITE DES DONNEES
- (71) **SEAGATE TECHNOLOGY, INC.** [US/US]; 920 Disc Drive, Scotts Valley, CA 95066 (US).
- (72) **IONESCU, Stefan, A.**; 19405 Oak Ridge Court W., Burnsville, MN 55306 (US).
- (74) **WIBERG, John, A.**; Westman, Champlin & Kelly, P.A., Suite 1600 - International Centre, 900 Second Avenue South, Minneapolis, MN 55402-3319 (US) et al. / etc.
- (81) CN DE GB JP KR SG.

Published / Publiée : (a)

(51)⁷ G11C 16/10

(11) WO 00/16338 (13) A1

(21) PCT/US99/21018

(22) 14 Sep/sep 1999 (14.09.1999)

(25) en (26) en

(30) 09/156,213 17 Sep/sep 1998 US (17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • FLASH MEMORY ARRAY WITH INTERNAL REFRESH
- MATRICE DE MEMOIRE FLASH AVEC RAFRAICHISSEMENT INTERNE

(71) **ATMEL CORPORATION** [US/US]; 2325 Orchard Parkway, San Jose, CA 95131 (US).(72) **GUPTA, Anil**; 5542 Big Oak Drive, San Jose, CA 95129 (US). **SCHUMANN, Steve**; 780 Peekskill Drive, San Jose, CA 95121 (US).(74) **D'ALESSANDRO, Kenneth** et al. / etc.; Sierra Patent Group, Ltd., P.O. Box 6149, Stateline, NV 89449 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G21C 3/326, 3/28

(11) WO 00/16339 (13) A1

(21) PCT/EP99/06901

(22) 15 Sep/sep 1999 (15.09.1999)

(25) de (26) de

(30) 198 42 486.8 16 Sep/sep 1998 DE (16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • FUEL ELEMENT WITH GRADED DISTRIBUTION OF FISSIONABLE MATERIAL IN THE FUEL ROD

- ELEMENT DE COMBUSTIBLE AVEC REPARTITION CALIBREE DE MATIERE FISSILE DANS LE CRAYON DE COMBUSTIBLE

(71) **SIEMENS AKTIENGESSELLSCHAFT** [DE/DE]; Wittelsbacherstrasse 2, D-80333 München (DE).(72) **FUCHS, Hans-Peter**; Virchowstrasse 3, D-90409 Nürnberg (DE).

(81) ; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)⁷ G21F 9/36, 9/34

(11) WO 00/16340 (13) A1

(21) PCT/FR99/02190

(22) 15 Sep/sep 1999 (15.09.1999)

(25) fr (26) fr

(30) 98/11562 16 Sep/sep 1998 FR (16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • METHOD AND DEVICE FOR FILLING DRUMS CONTAINING DANGEROUS WASTE
- PROCEDE ET INSTALLATION DE REMPLISSAGE DE FUTS CONTENANT DES DECHETS DANGEREUX

(71) **COMPAGNIE GENERALE DES MATIERES NUCLEAIRES** [FR/FR]; 2, rue Paul Dautier, F-78140 Velizy-Villacoublay (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALLAIS, Patrick** [FR/FR]; 12, rue des Genêts, F-50120 Equeurdreville (FR).
DUMONT, Jean-Claude [FR/FR]; 1209, rue du Val Avril, F-50460 Tonneville (FR).

(74) **DES TERMES, Monique**; Brevetome, 3, rue du Docteur Lancereaux, F-75008 Paris (FR).

(81) CZ JP RU SK UA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ G21K 1/00, H05H 7/18

(11) WO 00/16341 (13) A1

(21) PCT/EP99/06211

(22) 24 Aug/août 1999 (24.08.1999)

(25) de (26) de

(30) 1870/98 14 Sep/sep 1998 CH (14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • METHOD AND DEVICE FOR OBTAINING A FLOW OF PHOTONS BETWEEN RESONANCES IN AN ELECTROMAGNETIC RESONATOR IN A CONTROLLED MANNER

- DISPOSITIF ET PROCEDE POUR OBTENIR DE MANIERE CONTROLLEE UN FLUX PHOTONIQUE ENTRE DES RESONANCES D'UN RESONATEUR ELECTROMAGNETIQUE

(71, 72) **MÜLLER, Eberhard** [DE/DE]; Am Westhang 68, D-58640 Iserlohn (DE).(74) **HEPP, Dieter** et al. / etc.; Hepp, Wenger & Ryffel AG, Friedtalweg 5, CH-9500 Wil (CH).

(81) IN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ G21K 5/10, A61N 5/10

(11) WO 00/16342 (13) A1

(21) PCT/EP99/06714

(22) 10 Sep/sep 1999 (10.09.1999)

(25) en (26) en

(30) 98117256.2 11 Sep/sep 1998 EP (11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • ION BEAM THERAPY SYSTEM AND A METHOD FOR OPERATING THE SYSTEM
- SYSTEME POUR THERAPIE PAR FAISCEAUX D'IONS ET MISE EN OEUVRE DU SYSTEME

(71) **GESELLSCHAFT FUER SCHWERIONENFORSCHUNG MBH** [DE/DE]; Planckstrasse 1, D-64291 Darmstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HABERER, Thomas** [DE/DE]; Planckstrasse 1, D-64291 Darmstadt (DE). **KRÄMER, Michael** [DE/DE]; Planckstrasse 1, D-64291 Darmstadt (DE). **KRAFT, Gerhard** [DE/DE]; Planckstrasse 1, D-64291 Darmstadt (DE). **KRAFT-WEYRATHER, Wilma** [DE/DE]; Planckstrasse 1, D-64291 Darmstadt (DE). **SCHARDT, Dieter** [DE/DE]; Planckstrasse 1, D-64291 Darmstadt (DE). **SCHOLZ, Michael** [DE/DE]; Planckstrasse 1, D-64291 Darmstadt (DE). **WEBER, Ulrich** [DE/DE]; Planckstrasse 1, D-64291 Darmstadt (DE). **DOLINSKI, Aleksiy** [UA/DE]; Planckstrasse 1, D-64291 Darmstadt (DE). **EICKHOFF, Hartmut** [DE/DE]; Planckstrasse 1, D-64291 Darmstadt (DE). **FRANZAK, Bernhard** [DE/DE]; Planckstrasse 1, D-64291 Darmstadt (DE). **KRAUSE, Udo** [DE/DE]; Planckstrasse 1, D-64291 Darmstadt (DE). **KLABUNDE, Jürgen** [DE/DE]; Planckstrasse 1, D-64291 Darmstadt (DE). **DAHL, Ludwig** [DE/DE]; Planckstrasse 1, D-64291 Darmstadt (DE). **PAVLOVIC, Marius** [SK/DE]; Planckstrasse 1, D-64291 Darmstadt (DE). **RATZINGER, Ulrich** [DE/DE]; Planckstrasse 1, D-64291 Darmstadt (DE). **SCHLITT, Bernhard** [DE/DE]; Planckstrasse 1, D-64291 Darmstadt (DE). **PAWELKE, Jörg** [DE/DE]; Bautzner Landstrasse 41, D-01454 Grossserkmannsdorf (DE). **HINZ, Rainer** [DE/DE]; Sternplatz 15, D-01067 Dresden (DE). **ENGHARDT, Wolfgang** [DE/DE]; Schillerstrasse 5, D-01454 Radeberg (DE).

(74) **BOETERS, Hans, D.** et al. / etc.; Boeters & Bauer, Bereiteranger 15, D-81541 München (DE).

(81) BR CA CN CZ IN JP PL RU US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)⁶ **H01B 7/08, H01R 9/07, 4/24, 9/11**

(11) **WO 00/16343** (13) A1

(21) PCT/FI98/00710

(22) **10 Sep/sep 1998 (10.09.1998)**

(25) en (26) en

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • FLAT CABLE AND ITS JUNCTION WITH AN INTELLIGENT CONTACT TERMINAL
• CABLE PLAT ET SA JONCTION A UNE BORNE DE CONTACT INTELLIGENTE

(71) **IWS INTERNATIONAL INC.** [FI/FI]; Posantie 10, FIN-90650 Oulu (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **POHJOLA, Jorma** [FI/FI]; Hailuodontie 438, FIN-90470 Varjakka (FI).

(74) **OLLIKAINEN, Rauno** et al. / etc.; Leitinger Oy, Ruoholahdenkatu 8, FIN-00180 Helsinki (FI).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK DM EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)⁷ **H01B 17/28, 11/18, H01P 1/202**

(11) **WO 00/16344** (13) A1

(21) PCT/SE99/01375

(22) **16 Aug/août 1999 (16.08.1999)**

(25) sv (26) en

(30) 9803063-8 **10 Sep/sep 1998 (10.09.1998)** SE

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • INSULATOR FOR AN ELECTRICAL CONDUCTOR PROVIDED WITH AN OUTER SHIELD

• ISOLATEUR POUR CONDUCTEUR ELECTRIQUE A BLINDAGE EXTERNE

(71) **MT MEMOTEKNIK AB** [SE/SE]; Verksadvägen 1, S-931 61 Skellefteå (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HEDSTRÖM, Lars** [SE/SE]; Trygatan 14, S-932 37 Skellefteå (SE). **LUND-MARK, Lennart** [SE/SE]; Köpmangatan 13, S-931 31 Skellefteå (SE).

(74) **GRANSTRÖM, Lars-Eric** et al. / etc.; AB Stockholms Patentbyrå, Zacco & Bruhn, P.O. Box 23101, S-104 35 Stockholm (SE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ **H01C 7/02**

(11) **WO 00/16345** (13) A1

(21) PCT/US99/21479

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 09/153,688 **15 Sep/sep 1998 (15.09.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ELECTRICAL APPARATUS FOR OVERCURRENT PROTECTION OF ELECTRICAL CIRCUITS

• APPAREIL ELECTRIQUE ASSURANT LA PROTECTION DE CIRCUITS ELECTRIQUES CONTRE LES SURINTENSITES

(71) **LITTELFUSE, INC.** [US/US]; 800 East Northwest Highway, Des Plaines, IL 60016 (US).

(72) **NGUYEN, Thinh**; 2907 West Argyle, Unit A, Chicago, IL 60625 (US). **MINERVINI, Anthony**; 16416 Francis Court, Orland Park, IL 60467 (US).

(74) **MORNEAULT, Monique, A.** et al. / etc.; Wallenstein & Wagner, Ltd., 311 South Wacker Drive - 5300, Chicago, IL 60606-6622 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁶ **H01F 1/04, C21D 8/12**

(11) **WO 00/16346** (13) A1

(21) PCT/JP99/04926

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) ja (26) ja

(30) 10/257180 **10 Sep/sep 1998 (10.09.1998)** JP

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • PRODUCTION METHOD FOR SEMIRIGID MAGNETIC MATERIAL AND SEMIRIGID MATERIAL AND MAGNETIC MARKER USING IT

• PROCEDE DE PRODUCTION D'UN MATERIAU SEMI-RIGIDE, ET MATERIAU SEMI-RIGIDE ET MARQUEUR MAGNETIQUE UTILISANT CE MATERIAU

(71) **HITACHI METALS, LTD.** [JP/JP]; 2-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8614 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAKAOKA, Noriyuki** [JP/JP]; 2146, Yasugicho, Yasugi-shi, Shimane 692-0011 (JP). **KAWAKAMI, Akira** [JP/JP]; 655-4, Nishikawatsucho, Matsue-shi, Shimane 690-0823 (JP). **YAMADA, Hideya** [JP/JP]; 720, Yasugicho, Yasugi-shi, Shimane 692-0011 (JP).

(74) **ASAMURA, Kiyoshi** et al. / etc.; New Ohtemachi Building, Room 331, 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).

(81) CA CN KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁶ **H01F 1/057**

(11) **WO 00/16347** (13) A1

(21) PCT/JP99/04915

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) ja (26) ja

(30) 10/256516 **10 Sep/sep 1998 (10.09.1998)** JP

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • CORROSION-RESISTANT PERMANENT MAGNET AND METHOD FOR PRODUCING THE SAME

• AIMANT PERMANENT RESISTANT A LA CORROSION ET SON PROCEDE DE FABRICATION

(71) **SUMITOMO SPECIAL METALS CO., LTD.** [JP/JP]; 4-7-19, Kitahama, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NISHIUCHI, Takeshi** [JP/JP]; 10-16, Mitsukeyama 1-chome, Ibaraki-shi, Osaka 567-0035 (JP). **YOSHIMURA, Kohshi** [JP/JP]; 9-3-103, Minamitsukaguchi-cho 6-chome, Amagasaki-shi, Hyogo 661-0012 (JP). **KIKUI, Fumiaki** [JP/JP]; 13-15, Satsukinohigashi 1-chome, Mihara-cho, Minamikawachi-gun, Osaka 587-0032 (JP).

(74) **SHIMIZU, Yoshihiro** et al. / etc.; Room 201, Takadanobaba Center Building, 12-8, Takadanobaba 3-chome, Shinjuku-ku, Tokyo 169-0075 (JP).

(81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁶ **H01F 1/113, 1/117, 1/37, 1/375**

(11) **WO 00/16348** (13) A1

(21) PCT/US99/07296

(22) **2 Apr/avr 1999 (02.04.1999)**

(25) en (26) en

(30) 60/099,900 **11 Sep/sep 1998** US
(11.09.1998)

(30) 09/250,930 **18 Feb/fév 1999** US
(18.02.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • RESIN CERAMIC COMPOSITIONS HAVING MAGNETIC PROPERTIES

• COMPOSITIONS CERAMIQUES ET RESINES AVEC PROPRIETES MAGNETIQUES

(71) **DURAKOOL, INCORPORATED** [US/US]; 1010 N. Main Street, P.O. Box 280, Elkhart, IN 46515 (US).

(72) **WOLF, Ronald, J.**; 51082 Stratford Court, Elkhart, IN 46514 (US).

(74) **SAMPLES, Kenneth, H.** et al. / etc.; Fitch, Even, Tabin & Flannery, Room 1600, 120 South LaSalle, Chicago, IL 60603 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **H01F 17/00, 41/04, H01L 23/64**

(11) **WO 00/16349** (13) A1

(21) PCT/US99/20028

(22) **31 Aug/août 1999 (31.08.1999)**

(25) en (26) en

(30) 09/151,410 **10 Sep/sep 1998** US
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • INTEGRATED INDUCTIVE COMPONENTS AND METHOD OF FABRICATING SUCH COMPONENTS

• COMPOSANTS A INDUCTION INTEGRÉS ET PROCEDE DE FABRICATION DE TELS COMPOSANTS

(71) **BOURNS, INC.** [US/US]; 1200 Columbia Avenue, Riverside, CA 92507 (US).

(72) **HARVEY, Ian, Robert**; 384 East Pin Oak Circle, Kaysville, UT 84037 (US). **EHMAN, Michael, Frederick**; 991 East 3350 North, North Ogden, UT 84414 (US). **HARVEY, Malcolm, Randall**; 913 East 300 North, Hyde Park, UT 84318 (US). **STEPHENSON, James, Craig**; 929 E. Emerald Drive, Sandy, UT 84094 (US).

(74) **KLEIN, Howard, J.** et al. / etc.; Klein & Szekeres, LLP, Suite 700, 4199 Campus Drive, Irvine, CA 92612 (US).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **H01F 36/00, 27/36**

(11) **WO 00/16350** (13) A2

(21) PCT/DE99/02942

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) de (26) de

(30) 198 42 044.7 **14 Sep/sep 1998** DE
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • HIGH TEMPERATURE SUPERCONDUCTING TRANSFORMER

• TRANSFORMATEUR HTSL

(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) **NEITZKE, Michail** [DE/DE]; Hans-Geiger-str. 10, D-91052 Erlangen (DE). **RIES, Günter** [DE/DE]; Schobertweg 2, D-91056 Erlangen (DE). **SCHLOSSER, Reinhard** [DE/DE]; Erlenhainstr. 4 a, D-90427 Nürnberg (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D-80503 München (DE).

(81) JP NO US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁶ **H01G 2/04, H05K 5/02**

(11) **WO 00/16351** (13) A1

(21) PCT/BR98/00075

(22) **16 Sep/sep 1998 (16.09.1998)**

(25) en (26) en

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • MOUNTING OF CAPACITORS IN ELECTRICAL CONTROL BOX

• MONTAGE DE CONDENSATEURS DANS UN BOITIER DE COMMANDE ELECTRIQUE

(71) **SPRINGER CARRIER S.A.** [BR/BR]; Rua Berto Cirio, 521, São Luiz, CEP-92420-030 Canoas, RS (BR).
(only for / seulement pour BR)

(71) **CARRIER CORPORATION** [US/US]; Carrier Parkway, P.O. Box 4800, Syracuse, NY 13221 (US).

(for all designated States except / pour tous les États désignés sauf BR US)

(71, 72) **OLIVEIRA DE BARROS, Daniel, Alessandro** [BR/BR]; Av. Pedro Adams Filho, 4007 Apt. 304, CEP-93320-005 Novo Hamburgo, RS (BR).

(72, 75) **DA LUZ MORAES, Luciano** [BR/BR]; Av. Inconfidência, 670 - Apt. 304, CEP-92020-320 Canoas, RS (BR). **CARNE CORREA, Juan Carlos** [CL/BR]; Apt. 1605, Av. João Pessoa, 1784, CEP-90040-0001 Porto Alegre, RS (BR).

(74) **MOMSEN, LEONARDOS & CIA.:** Rua Teófilo Otoni, 63 - 10º andar, CEP-20090-080 Rio de Janeiro, RJ (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 GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁶ **H01G 4/26, 9/058**

(11) **WO 00/16352** (13) A1

(21) PCT/AU99/00780

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) en (26) en

(30) PP 5965 **16 Sep/sep 1998** AU
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • A FLEXIBLE CHARGE STORAGE DEVICE

• DISPOSITIF SOUPLE DE STOCKAGE DE CHARGE

(71) **ENERGY STORAGE SYSTEMS PTY. LTD.** [AU/AU]; 105 Delhi Road, Riverside Corporate Park, North Ryde, NSW 2113 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VASSALLO, Anthony, Michael** [AU/AU]; 15 Bulga Close, Hornsby Heights, NSW 2077 (AU). **SACCHETTA, Clodoveo, Simone** [AU/AU]; 9/1 Apia Street, Guildford, NSW 2161 (AU).

(74) **BALDWIN SHELSTON WATERS**; 60 Margaret Street, Sydney, NSW 2000 (AU).

(81) AU CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ H01G 9/042, 9/15, 9/012

(11) WO 00/16353 (13) A1

(21) PCT/EP99/06379

(22) 30 Aug/août 1999 (30.08.1999)

(25) de (26) de

(30) 198 41 352.1 10 Sep/sep 1998 DE
(10.09.1998)(30) 199 27 909.8 18 Jun/juin 1999 DE
(18.06.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • PASTE FOR PRODUCING SINTE-
RED REFRACTORY METAL LAYERS,
NOTABLY EARTH ACID METAL
ELECTROLYTIC CAPACITORS OR
ANODES

- PATE DESTINEE A LA PRODUCTION DE COUCHES METALLIQUES REFRACTAIRES FRITTEES, NOTAMMENT DE CONDENSATEURS ELECTROLYTIQUES OU D'ANODES EN METAL ACIDO-TERREUX

(71) H.C. STARCK GMBH & CO. KG [DE/DE]; Im Schleeke 78-91, D-38642 Goslar (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LÖFFELHOLZ, Josua [DE/DE]; Zum Sägemühlenfeld 22, D-38685 Langelshelm (DE). GOTTSCHLING, Marianne [DE/DE]; Oberer Triftweg 24, D-38640 Goslar (DE). BINNER, Karsten [DE/DE]; Mörikeweg 11, D-38642 Goslar (DE).

(74) DROPE, Rüdiger; Bayer Aktiengesellschaft, KB-Konzernbereich, RP-Patente und Lizenzen, D-51368 Leverkusen (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁶ H01G 9/155, 9/038

(11) WO 00/16354 (13) A1

(21) PCT/JP99/04983

(22) 13 Sep/sep 1999 (13.09.1999)

(25) ja (26) ja

(30) 10/260454 14 Sep/sep 1998 JP
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR MANUFACTURING LARGE-CAPACITY ELECTRIC DOUBLE-LAYER CAPACITOR

- PROCEDE DE FABRICATION D'UN CONDENSATEUR DOUBLE COUCHE

ELECTRIQUE DE GRANDE CAPACITE

(71) ASAHI GLASS COMPANY LTD. [JP/JP]; 12-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo 100-8405 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUHARA, Manabu [JP/JP]; 3-22-11, Ryoke, Izumi-ku, Yokohama-shi, Kanagawa 245-0004 (JP). HIRATSUKA, Kazuya [JP/JP]; Asahi Glass Company Ltd., 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0863 (JP).

(74) OGAWA, Toshiharu et al. / etc.; Torimoto Kogyo Building, 38, Kanda-Higashimatsushitacho, Chiyoda-ku, Tokyo 101-0042 (JP).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁶ H01H 1/06, 1/20

(11) WO 00/16355 (13) A1

(21) PCT/US99/20767

(22) 10 Sep/sep 1999 (10.09.1999)

(25) en (26) en

(30) 09/151,549 11 Sep/sep 1998 US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • MICROWAVE SWITCH CONTACT INTERFACE

- INTERFACE DE CONTACT DE COMMUTATEUR POUR HYPERFREQUENCE

(71) TELEDYNE INDUSTRIES, INC. [US/US]; 2049 Century Park East, Los Angeles, CA 90067 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUN, Richard, L. [US/US]; Redwood City, CA (US). LEE, Piau, Chee [US/US]; Cupertino, CA (US).

(74) PUGH, Robert, J. et al. / etc.; Allegheny Teledyne Incorporated, 1000 Six PPG Place, Pittsburgh, PA 15222 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ H01H 9/28

(11) WO 00/16356 (13) A1

(21) PCT/DE99/02996

(22) 15 Sep/sep 1999 (15.09.1999)

(25) de (26) de

(30) 198 43 207.0 16 Sep/sep 1998 DE
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • OPERATOR'S CONSOLE FOR A CIRCUIT-BREAKER

- PUPITRE D'OPERATEUR DESTINE A UN INTERRUPTEUR DE PUISSANCE

(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) AHLERT, Torsten [DE/DE]; Saarower Chaussee 21, D-15517 Fürstenwalde (DE).

LIEBETRUTH, Marc [DE/DE]; Hubertusallee 60, D-16548 Glienicke (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, D-80506 München (DE).

(81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)⁷ H01H 71/10, H01F 7/17

(11) WO 00/16357 (13) A1

(21) PCT/IB99/01579

(22) 13 Sep/sep 1999 (13.09.1999)

(25) en (26) en

(30) 9819844.3 12 Sep/sep 1998 GB
(12.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ELECTROMAGNETIC ACTUATOR

- ACTIONNEUR ELECTROMAGNETIQUE

(71) KELSEY-HAYES COMPANY [US/US]; 12025 Tech Center Drive, Livonia, MI 48150 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FUGATE, Philip, Edward [US/US]; 1978 Winterglen Court, Beaver Creek, OH 45432 (US). IRWIN, James, Clifford [US/US]; 794 Vernis Drive, Beaver Creek, OH 45434 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ H01H 71/50

(11) WO 00/16358 (13) A1

(21) PCT/EP99/05829

(22) 9 Aug/août 1999 (09.08.1999)

(25) de (26) de

(30) 198 41 685.7 11 Sep/sep 1998 DE
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • SWITCH
• COMMUTATEUR(71) AEG NIEDERSPANNUNGSTECHNIK
GMBH & CO. KG [DE/DE]; Berliner Platz
2 - 6, D-24534 Neumünster (DE).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) THAMM, Christian [DE/DE]; Bargfel-
der Strasse 6, D-24613 Aukrug (DE).(74) PELLMANN, Hans-Bernd et al. / etc.;
Tiedtke-Bühling-Kinne et al, Bavariaring 4,
D-80336 München (DE).(81) AE AL AM AT AU AZ BA BB BG BR BY
CA CH CN CU CZ DE DK EE ES FI GB
GD GE GH GM HR HU ID IL IN IS JP KE
KG KP KR KZ LC LK LR LS LT LU LV
MD MG MK MN MW MX NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT
UA UG US UZ VN YU ZA ZW; AP (GH
GM KE LS MW SD SL SZ UG ZW); EA
(AM AZ BY KG KZ MD RU TJ TM); EP
(AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE); OA (BF BJ CF
CG CI CM GA GN GW ML MR NE SN TD
TG).

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(51)⁷ H01J

(11) WO 00/16359 (13) A2

(21) PCT/US99/20729

(22) 10 Sep/sep 1999 (10.09.1999)

(25) en (26) en

(30) 09/153,629 15 Sep/sep 1998 US
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • SYSTEM OF ABSOLUTE MEASURE-
MENT FOR RADIOLOGICAL IMAGE
LUMINANCE CONTROL
• SYSTEME DE MESURE ABSOLUE
PERMETTANT DE CONTROLER LA
LUMINANCE D'UNE IMAGE RA-
DIOLOGIQUE(71) TRUE IMAGE, LLC [US/US]; 18 West
Cedar Avenue, Webster Groves, MO 63119
(US).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) MONSEES, Thomas [US/US]; 18 West
Cedar, Webster Groves, MO 63119 (US).(74) GILSTER, Peter, S. et al. / etc.; Greens-
felder, Hemker & Gale, P.C., Intellectual
Property Group, 10 South Broadway, Suite
2000, St. Louis, MO 63102 (US).(81) AE AL AM AT AU AZ BA BB BG BR BY
CA CH CN CR CU CZ DE DK DM EE ES
FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MD MG MK MN MW MX NO NZ
PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT UA UG US UZ VN YU ZA ZW; AP
(GH GM KE LS MW SD SL SZ UG ZW);
EA (AM AZ BY KG KZ MD RU TJ TM);
EP (AT BE CH CY DE DK ES FI FR GB
GR IE IT LU MC NL PT SE); OA (BF BJ
CF CG CI CM GA GN GW ML MR NE SN
TD TG).(51)⁶ H01J 1/20, 29/04

(11) WO 00/16360 (13) A1

(21) PCT/JP99/04969

(22) 10 Sep/sep 1999 (10.09.1999)

(25) ja (26) ja

(30) 10/261155 16 Sep/sep 1998 JP
(16.09.1998)(30) 11/064732 11 Mar/mar 1999 JP
(11.03.1999)(30) 11/216830 30 Jul/juil 1999 JP
(30.07.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ANHYDROUS SILVER HALIDE LAMP
• LAMPE A L'HALOGENURE
D'ARGENT ANHYDRE(71) MATSUSHITA ELECTRIC IN-
DUSTRIAL CO.,LTD [JP/JP]; 1006,
Oaza-Kadoma, Kadoma-shi, Osaka
571-8501 (JP).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) TAKEDA, Mamoru [JP/JP]; 5-2-1-6,
Hikaridai, Seikacho, Soraku-gun, Kyoto
619-0237 (JP). HORIUCHI, Makoto
[JP/JP]; 106-2-412, Oodono, Sakurai-shi,
Nara 633-0062 (JP). TAKAHASHI, Kiy-
oshi [JP/JP]; 30-23 Miyukihigashimachi,
Neyagawa-shi, Osaka 572-0055 (JP). KAI,
Makoto [JP/JP]; 6-4-402, Myokenzaka,
Katano-shi, Osaka 576-0021 (JP). SAITO,
Takeshi [JP/JP]; 131-403 Haimu-Takagi,
5-59-1, Higashisonodacho, Amagasaki-shi,
Hyogo 661-0953 (JP). KIRYU, Hideaki
[JP/JP]; 35-22, Gunkeshinmachi, Takat-
suki-shi, Osaka 569-1136 (JP).(74) OHMAE, Kaname; 2F, Lions Building Oh-
temae, 2-3-14, Uchihiranomachi, Chuo-ku,
Osaka-shi, Osaka 540-0037 (JP).

(81) CN JP KR US; EP (DE FR GB NL).

(51)⁶ H01J 1/62

(11) WO 00/16361 (13) A1

(21) PCT/US99/20650

(22) 10 Sep/sep 1999 (10.09.1999)

(25) en (26) en

(30) 60/099,939 11 Sep/sep 1998 US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • TOP EMITTING OLED WITH RE-
FRACTORY METAL COMPOUNDS AS
BOTTOM CATHODE• DISPOSITIF ELECTROLUMINES-
CENT ORGANIQUE (OLED) EMET-
TANT PAR LE HAUT COMPORTANT
DES COMPOSES METALLIQUES
REFRACTAIRES COMME CATHODE
INFERIEURE(71) FED CORPORATION [US/US]; Hudson
Valley Research Park, 1580 Route 52, Ho-
pewell Junction, NY 12533 (US).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) PICHLER, Karl [AT/US]; 18 Hillside
Avenue, Wappingers Falls, NY 12590 (US).(74) COYNE, Patrick, J.; Collier Shannon Rill
& Scott, PLLC, Suite 400, 3050 K Street,
N.W., Washington, DC 20007 (US).(81) US; EP (AT BE CH CY DE DK ES FI FR
GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)⁶ H01J 1/62, B32B 9/00

(11) WO 00/16362 (13) A1

(21) PCT/US99/21031

(22) 14 Sep/sep 1999 (14.09.1999)

(25) en (26) en

(30) 09/153,349 15 Sep/sep 1998 US
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • FULL-COLOR LIGHT EMITTING DE-
VICE
• DISPOSITIF ELECTROLUMINES-
CENT COULEUR(71) THE TRUSTEES OF PRINCETON UNI-
VERSITY [US/US]; P.O. Box 36, Princeton,
NJ 08544-0036 (US). THE UNIVERSITY
OF SOUTHERN CALIFORNIA [US/US];
The University of Southern California Park,
Los Angeles, CA 90089 (US).(72) THOMPSON, Mark, E.; 4447 Pepper
Creek Way, Anaheim, CA 92807 (US).
FORREST, Stephen, R.; 148 Hunt Drive,
Princeton, NJ 08540 (US).(74) MEAGHER, Thomas, F. et al. / etc.;
Kenyon & Kenyon, One Broadway, New
York, NY 10004 (US).(81) AE AL AM AT AU AZ BA BB BG BR BY
CA CH CN CR CU CZ DE DK DM EE ES
FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS
LT LU LV MD MG MK MN MW MX NO
NZ PL PT RO RU SD SE SG SI SK SL TJ
TM TR TT TZ UA UG UZ VN YU ZA ZW;
AP (GH GM KE LS MW SD SL SZ TZ UG
ZW); EA (AM AZ BY KG KZ MD RU TJ
TM); EP (AT BE CH CY DE DK ES FI FR
GB GR IE IT LU MC NL PT SE); OA (BF
BJ CF CG CI CM GA GN GW ML MR NE
SN TD TG).(51)⁶ H01J 3/14, H04N 5/235, G06K 7/10, 5/00

(11) WO 00/16363 (13) A1

(21) PCT/US99/18848

(22) 10 Sep/sep 1999 (10.09.1999)

(25) en (26) en

(30) 09/151,766 11 Sep/sep 1998 US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • SYMBOLOGY IMAGING AND READING APPARATUS AND METHOD

- DISPOSITIF D'IMAGERIE ET DE LECTURE DE SYMBOLES ET PROCEDE CORRESPONDANT

(71) ROBOTIC VISION SYSTEMS INC. [-/US]; 5 Shawmut Road, Canton, MA 02021 (US).

(72) FANTONE, Stephen, D.; 340 Summer Street, Lynnfield, MA 01940 (US). IMRIE, David, A.; Townhouse No. 61, 111 Locust Street, Woburn, MA 01801 (US). PLUMMER, William, T.; 129 Arena Terrace, Concord, MA 01742 (US). VAN TASSELL, Jon, E.; 170 Bowdoin Street, Winthrop, MA 02152 (US). MCKINLEY, Philip, E.; 85 West Street, Westford, MA 01886 (US). MCKINLEY, Harry, R.; 58 Rattle Hill Road, Southampton, MA 01073 (US). FIGARELLA, Luis, A.; 27 Todd Road, Nashua, NH 03060 (US). STERN, Howard; 89 Derby Avenue, Greenlawn, NY 11740 (US). DOWLING, John, H.; 49 Windemere Way, Nashua, NH 03063 (US). MEISTER, Steve; 507 Brentwood Drive, Atlanta, GA 30305 (US).

(74) ROBINSON, Douglas, W. et al. / etc.; Hoffman, Wasson & Gitler, P.C., Suite 522, 2361 Jefferson Davis Highway, Arlington, VA 22202 (US).

(81) AE AL AU BA BB BG BR CA CN CU CZ EE GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK TR TT UA UZ VN YU ZA; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ H01J 9/26, 9/38, 17/49

(11) WO 00/16364 (13) A1

(21) PCT/JP99/04961

(22) 13 Sep/sep 1999 (13.09.1999)

(25) en (26) en

(30) 10/259880 14 Sep/sep 1998 JP
(14.09.1998)(30) 10/294953 16 Oct/oct 1998 JP
(16.10.1998)(30) 11/62765 10 Mar/mar 1999 JP
(10.03.1999)(30) 11/66407 12 Mar/mar 1999 JP
(12.03.1999)(30) 11/119446 27 Apr/avr 1999 JP
(27.04.1999)(30) 11/122106 28 Apr/avr 1999 JP
(28.04.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • SEALING METHOD AND APPARATUS FOR MANUFACTURING HIGH-PERFORMANCE GAS DISCHARGE PANEL

- PROCEDE ET APPAREIL D'ETANCHEITE POUR LA PRODUCTION D'UN PANNEAU A PLASMA A HAUTE PERFORMANCE

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza-Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SASAKI, Yoshiki [JP/JP]; 222-9, OoazaOkayama, Shijounawate-shi, Osaka 575-0004 (JP). NONOMURA, Kinzou [JP/JP]; 3-1-5, Mayumi, Ikoma-shi, Nara 630-0122 (JP). HIBINO, Junichi [JP/JP]; 919-1-A712, Utiage, Neyagawa-shi, Osaka 572-0802 (JP). YONEHARA, Hiroyuki [JP/JP]; 9-10, Nishitamiyacho, Hirakata-shi, Osaka 573-0025 (JP). YAMASHITA, Katsuyoshi [JP/JP]; 5-7-206, Myoukenzaka, Katano-shi, Osaka 576-0021 (JP). KIRIHARA, Nobuyuki [JP/JP]; 57-6, Nagao-nishimachi 2-chome, Hirakata-shi, Osaka 573-0162 (JP). OOTANI, Kazuo [JP/JP]; 4-3-5, Eganosou, Habikino-shi, Osaka 583-0886 (JP). OOKAWA, Masafumi [JP/JP]; Room 303, Syoufuuryou, 3-14, Miyukihigashimachi, Neyagawa-shi, Osaka 572-0055 (JP).

(74) NAKAJIMA, Shiro; Yodogawa 5-Bankan, 6th floor, 2-1, Toyosaki 3-chome, Kita-ku, Osaka-shi, Osaka 531-0072 (JP).

(81) CN KR US; EP (DE FR GB).

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(51)⁶ H01J 17/20, 61/12, 61/52

(11) WO 00/16365 (13) A1

(21) PCT/US99/20865

(22) 16 Sep/sep 1999 (16.09.1999)

(25) en (26) en

(30) 60/100,869 17 Sep/sep 1998 US
(17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • LAMP WITH IMPROVED DICHROIC REFLECTOR

- LAMPE POSSEDANT UN REFLECTEUR DICHROIQUE AMELIORE

(71) FUSION LIGHTING, INC. [US/US]; 7524 Standish Place, Rockville, MD 20855-2730 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIRKPATRICK, Douglas A. [US/US]; 10929 Beach Mill Road, Great Falls, VA 22066 (US). LENG, Yongzhang [CN/US]; 3 Crosscut Court, Damascus, MD 20872 (US). DOLAN, James T. [US/US]; 536 Ellrose Ct., Frederick, MD 21702 (US).

(74) STEINER, Paul E.; Fusion Lighting, Inc., 7524 Standish Place, Rockville, MD 20855-2730 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ H01J 17/49, 9/02

(11) WO 00/16366 (13) A2

(21) PCT/EP99/05615

(22) 3 Aug/août 1999 (03.08.1999)

(25) de (26) de

(30) 198 41 900.7 11 Sep/sep 1998 DE
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR ASSEMBLING METAL PRINTED CONDUCTORS AS ELECTRODES ON A CHANNEL PLATE FOR ULTRAWIDE FLAT SCREENS

- PROCEDE D'APPLICATION DE PISTES CONDUCTRICES METALLIQUES SERVANT D'ELECTRODE SUR UNE PLAQUE A CANAUX POUR ECRANS PLATS A GRANDE SURFACE

(71) SCHOTT GLAS [DE/DE]; Hattenbergstrasse 10, D-55122 Mainz (DE).

(for all designated States except / pour tous les États désignés sauf GB JP KR SG US)

(71) CARL-ZEISS-STIFTUNG trading as SCHOTT GLAS [DE/DE]; Hattenbergstrasse 10, D-55122 Mainz (DE). (only for / seulement pour GB KR SG)

(71) CARL-ZEISS-STIFTUNG [DE/DE]; D-89518 Heidenheim an der Brenz (DE). (only for / seulement pour JP)

(72, 75) WALTHER, Marten [DE/DE]; Hausener Strasse 16, D-55270 Engelstadt (DE). WEBER, Andreas [DE/DE]; Max-Planck-Strasse 59, D-55124 Mainz (DE). KÄLBER, Tobias [DE/DE]; Am Brand 22, D-55116 Mainz (DE). DANIELZIK, Burkhardt [DE/DE]; Autunstrasse 23, D-55218 Ingelheim (DE).

(74) FUCHS, Jürgen, H. et al. / etc.; Abraham-Lincoln-Strasse 7, D-65189 Wiesbaden (DE).

(81) CA CN JP KR RU SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁶ H01J 17/49

(11) WO 00/16367 (13) A1

(21) PCT/US99/21147

(22) 15 Sep/sep 1999 (15.09.1999)

(25) en (26) en

- (30) 09/153,395 **16 Sep/sep 1998** US
(16.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● AC GLOW PLASMA DISCHARGE DEVICE HAVING AN ELECTRODE COVERED WITH APERTURED DIELECTRIC
● DISPOSITIF DE DECHARGE LUMINESCENTE A PLASMA A COURANT ALTERNATIF POURVU D'UNE ELECTRODE RECOUVERTE D'UN DIELECTRIQUE PERFORE
- (71) **THE TRUSTEES OF THE STEVENS INSTITUTE OF TECHNOLOGY** [US/US]; Castle Point on Hudson, Hoboken, NJ 07030 (US).
- (72) **KUNHARD, Erich, E.**; 807 Castle Point Terrace, Hoboken, NJ 07030 (US). **BECKER, KURT, H.**; Apartment 10B, 25 East 9th Street, New York, NY 10003 (US).
- (74) **FRISCIA, Michael, R.**; Friscia & Nussbaum, One University Plaza, Hackensack, NJ 07601 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **H01J 29/70, 29/72, G09G 1/04**
- (11) **WO 00/16368** (13) A1
- (21) PCT/US99/21000
- (22) **13 Sep/sep 1999 (13.09.1999)**
- (25) en (26) en
- (30) 09/152,906 **14 Sep/sep 1998** US
(14.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● BI-DIRECTIONAL SWEEPING FOR COLOR CRT PRINTERS
● BALAYAGE BIDIRECTIONNEL DESTINE AUX IMPRIMANTES COULEUR POUR TUBES CATHODIQUES
- (71) **SIENNA IMAGING, INC.** [US/US]; 6900 SO. Peoria, Englewood, CO 80112 (US).
- (72) **SHAKLEE, Kerry, L.**; 15783 Duquesne Circle, Brighton, CO 80601 (US). **O'BRIEN, Daniel, C.**; 28576 Spruce Drive, Conifer, CO 80433 (US). **LENIGER, Kurt, A.**; 89 Dawn Heath Circle, Littleton, CO 80127 (US). **BRACKETT, Gary, L.**; 520 NO. Cottonwood Avenue, Canon City, CO 81212 (US). **DENNY, Richard, W.**; 11 Glenridge Drive, Littleton, CO 80123 (US).
- (74) **YOUNG, James, R.**; Law Office of James R. Young, Suite 15B, 11184 N. Huron Street, Denver, CO 80234 (US).
- (81) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **H01J 29/76**
- (11) **WO 00/16369** (13) A1
- (21) PCT/EP99/06415
- (22) **31 Aug/août 1999 (31.08.1999)**
- (25) en (26) en
- (30) 98203055.3 **11 Sep/sep 1998** EP
(11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● CATHODE RAY TUBE COMPRISING A YOKE RING PROVIDED WITH A COOLING FIN
● TUBE CATHODIQUE A COLLET DE DEVIATION MUNI D'UNE AILETTE DE REFROIDISSEMENT
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **JANSEN, Martinus, H., E.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **KIEBOOM, Arnoldus, M., C.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **KOPPEN, Jan**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **H01J 37/09, 29/84, 3/40**
- (11) **WO 00/16370** (13) A1
- (21) PCT/EP99/06770
- (22) **13 Sep/sep 1999 (13.09.1999)**
- (25) en (26) en
- (30) 9820205.4 **16 Sep/sep 1998** GB
(16.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● ELECTRON BEAM APERTURE ELEMENT WITH BEAM SHIELDING
● ELEMENT D'OUVERTURE POUR FAISCEAU D'ELECTRONS AVEC BLINDAGE DE FAISCEAU
- (71) **LEICA MICROSYSTEMS LITHOGRAPHY LTD.** [GB/GB]; Clifton Road, Cambridge CB1 3QH (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ZHANG, Tao** [GB/GB]; 15 Bullen Close, Cambridge CB1 4YU (GB).
- (81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)⁶ **H01J 37/20, H01L 21/30, F16F 15/02, G01N 23/225**
- (11) **WO 00/16371** (13) A1
- (21) PCT/JP98/04156
- (22) **16 Sep/sep 1998 (16.09.1998)**
- (25) ja (26) ja
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● BEAM-UTILIZING EQUIPMENT
● EQUIPEMENT D'EXPLOITATION D'UN FAISCEAU
- (71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KURIHARA, Masaki** [JP/JP]; Mechanical Engineering Research Laboratory, Hitachi, Ltd., 502, Kandatsumachi, Tsuchiura-shi, Ibaraki 300-0013 (JP). **HAZAKI, Eiichi** [JP/JP]; Instrument Division, Hitachi, Ltd., 882, Ichige, Hitachinaka-shi, Ibaraki 312-8504 (JP). **OOTAKE, Seiji** [JP/JP]; Mechanical Engineering Research Laboratory, Hitachi, Ltd., 502, Kandatsumachi, Tsuchiura-shi, Ibaraki 300-0013 (JP).
- (74) **OGAWA, Katsuo**; Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220 (JP).
- (81) JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (51)⁶ **H01J 37/295, 37/073, 37/18, H01L 21/203**
- (11) **WO 00/16372** (13) A1
- (21) PCT/JP99/04949
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) ja (26) ja
- (30) 10/258971 **11 Sep/sep 1998** JP
(11.09.1998)
- (30) 11/100134 **7 Apr/avr 1999** JP
(07.04.1999)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● HIGH ENERGY ELECTRON DIFFRACTION APPARATUS
● APPAREIL DE DIFFRACTION D'ELECTRONS A HAUTE ENERGIE
- (71) **JAPAN SCIENCE AND TECHNOLOGY CORPORATION** [JP/JP]; 1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KOINUMA, Hideomi** [JP/JP]; Tokyo Inst. Tech, 4259 Nagatsuta-cho, Midori-ku, Yokohama-shi, Kanagawa 226-0026 (JP). **KAWASAKI, Masashi** [JP/JP]; Tokyo Inst. Tech, 4259 Nagatsuta-cho, Midori-ku, Yokohama-shi, Kanagawa 226-0026 (JP).
- (74) **HIRAYAMA, Kazuyuki**; 6th floor, YKB-Sunny Building, 32-8, Yotsuya 4-chome, Shinjuku-ku, Tokyo 160-0004 (JP).
- (81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (51)⁷ **H01J 37/32, C23C 14/32**
(11) **WO 00/16373** (13) A1
(21) PCT/CH98/00394
(22) **14 Sep/sep 1998 (14.09.1998)**
(25) de (26) de
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • TARGET ARRAY FOR AN ARC VAPOR DEPOSITION CHAMBER
• ENSEMBLE CIBLE POUR CHAMBRE D'EVAPORATION PAR L'INTERMEDIAIRE D'UN ARC
(71) **BALZERS HOCHVAKUUM AG** [CH/CH]; CH-9477 Trübbach (CH).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **BRAENDLE, Hans** [CH/CH]; Schlossstrasse 14, CH-7320 Sargans (CH).
(74) **TROESCH SCHEIDEGGER WERNER AG**; Siewerdstrasse 95, CH-8050 Zürich (CH).
(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- (51)⁷ **H01J 37/32**
(11) **WO 00/16374** (13) A1
(21) PCT/EP99/06397
(22) **1 Sep/sep 1999 (01.09.1999)**
(25) de (26) de
(30) 198 41 777.2 **12 Sep/sep 1998 DE (12.09.1998)**
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • DEVICE FOR THE PLASMA DEPOSITION OF A POLYCRYSTALLINE DIAMOND
• DISPOSITIF DE SEPARATION AU PLASMA D'UN DIAMANT POLYCRISTALLIN
(71) **LEYBOLD SYSTEMS GMBH** [DE/DE]; Wilhelm-Rohn-Strasse 25, D-63450 Hanau (DE). **FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.** [DE/DE]; Leonrodstrasse 68, D-80636 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **LIEHR, Michael** [DE/DE]; Friedhofstrasse 27, D-36325 Feldatal (DE). **SCHÄFER, Lothar** [DE/DE]; Moorweg 1, D-38527 Meine (DE).
(74) **LEYBOLD SYSTEMS GMBH**; Eisenhardt, Stefan, Wilhelm-Rohn-Strasse 25, D-63450 Hanau (DE).
(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
- (51)⁷ **H01J 49/10, 49/42**
(11) **WO 00/16375** (13) A1
(21) PCT/GB99/03076
(22) **16 Sep/sep 1999 (16.09.1999)**
(25) en (26) en
(30) 9820210.4 **16 Sep/sep 1998 GB (16.09.1998)**
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • MEANS FOR REMOVING UNWANTED IONS FROM AN ION TRANSPORT SYSTEM AND MASS SPECTROMETER
• DISPOSITIF PERMETTANT D'ELIMINER LES IONS INDESIRABLES DANS UN SYSTEME DE TRANSPORT D'IONS ET SPECTROMETRE DE MASSE
(71) **VG ELEMENTAL LIMITED** [GB/GB]; c/o Thermo Elemental Limited, Pickfords Wharf, Clink Street, London SE1 9DG (GB).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **MARRIOTT, Philip** [GB/GB]; 71 Hobson Street, Macclesfield, Cheshire SK11 8BD (GB).
(74) **GILL JENNINGS & EVERY**; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).
(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)⁷ **H01J 61/12, 61/24, 61/38**
(11) **WO 00/16376** (13) A1
(21) PCT/EP99/06701
(22) **9 Sep/sep 1999 (09.09.1999)**
(25) en (26) en
(30) 1010101 **16 Sep/sep 1998 NL (16.09.1998)**
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • METHOD OF ADJUSTING THE LIGHT SPECTRUM OF A GAS DISCHARGE LAMP, GAS DISCHARGE LAMP, AND LUMINAIRE FOR SAID LAMP
• PROCEDE DE REGLAGE DU SPECTRE LUMINEUX D'UNE LAMPE A DECHARGE, UNE TELLE LAMPE ET LUMINAIRE DESTINE A CELLE-CI
(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(72) **BAKKER, Levinus, P.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **KROESSEN, Gerard, M., W.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **BOSMA, Rudolphus, H., A.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
(81) CN JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- (51)⁷ **H01L**
(11) **WO 00/16377** (13) A2
(21) PCT/KR99/00534
(22) **10 Sep/sep 1999 (10.09.1999)**
(25) en (26) en
(30) 1998-37257 **10 Sep/sep 1998 KR (10.09.1998)**
(30) 1998-48993 **16 Nov/nov 1998 KR (16.11.1998)**
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • METHOD FOR FORMING A THREE-COMPONENT NITRIDE FILM CONTAINING METAL AND SILICON
• PROCEDE POUR FORMER UN FILM DE NITRURE A TROIS COMPOSANTS CONTENANT DU METAL ET DU SILICIUM
(71) **GENITECH CO., LTD.** [KR/KR]; 1694-5, Shinil-dong, Taedeok-gu, Taejon 306-230 (KR).
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(72, 75) **YI, Kyoung-Soo** [KR/KR]; 118-1506 Hanbit Apt., 99, Uheun-dong, Yusong-gu, Taejon 305-333 (KR). **KOH, Won-Yong** [KR/KR]; 105-605 Hanul Apt. 160-1, Shinsung-dong, Yusong-gu, Taejon 305-345 (KR). **KANG, Sang-Won** [KR/KR]; 133-1506 Hanbit Apt., 99, Uheun-dong, Yusong-gu, Taejon 305-333 (KR).
(74) **HUH, Jin-Seok**; J.S. Huh Patent Office, 206 Sungji Building, 1338-22, Seocho-dong, Seocho-ku, Seoul 137-070 (KR).
(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- (51)⁷ **H01L**
(11) **WO 00/16378** (13) A2
(21) PCT/SG99/00091
(22) **3 Sep/sep 1999 (03.09.1999)**
(25) en (26) en
(30) 9803670-0 **15 Sep/sep 1998 SG (15.09.1998)**
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • METHOD OF FABRICATING GROUP-III NITRIDE-BASED SEMICONDUCTOR DEVICE
• PROCEDE DE FABRICATION DE DISPOSITIFS A SEMI-CONDUCTEUR A BASE DE NITRURE DU GROUPE III
(71) **NATIONAL UNIVERSITY OF SINGAPORE** [SG/SG]; 10 Kent Ridge Crescent, Singapore 119260 (SG).
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(72, 75) **ZHANG, Xiong** [CN/SG]; INTRO, National University of Singapore, 10 Kent Ridge Crescent, Singapore 119260 (SG).
CHUA, Soo-Jin [MY/SG]; INTRO, National University of Singapore, 10 Kent Ridge Crescent, Singapore 119260 (SG).

(74) **APPLIED RESEARCH CORPORATION**; Kent Ridge, P.O. Box 1016, Singapore 911101 (SG).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ **H01L**

(11) **WO 00/16379** (13) A2

(21) PCT/US99/20768

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 09/151,460 **11 Sep/sep 1998** US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • SEMICONDUCTOR MEMORY ARRAY PARTITIONED INTO MEMORY BLOCKS AND SUB-BLOCKS AND METHOD OF ADDRESSING

• MATRICE DE MEMOIRE A SEMI-CONDUCTEURS PARTITIONNEE EN BLOCS ET EN SOUS-BLOCS MEMOIRE, ET LOGIQUE D'ADRESSAGE

(71) **WINBOND MEMORY LABORATORY** [US/US]; 2727 North First Street, San Jose, CA 95134 (US).

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(72, 75) **HOANG, Loc, B.** [—/US]; 5253 Rooster Drive, San Jose, CA 95136 (US).

(74) **HAMRICK, Claude, A., S.** et al. / etc.; Oppenheimer Wolff & Donnelly LLP, Suite 200, 3373 Hillview Avenue, Palo Alto, CA 94304 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **H01L 21/00, C23C 16/56, C30B 31/12**

(11) **WO 00/16380** (13) A1

(21) PCT/US99/19687

(22) **26 Aug/août 1999 (26.08.1999)**

(25) en (26) en

(30) 09/150,986 **10 Sep/sep 1998** US
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD AND APPARATUS FOR COLOING SUBSTRATES

• PROCEDE ET APPAREIL POUR REFROIDIR DES SUBSTRATS

(63) US 09/150,986 (CON)
10 Sep/sep 1998 (10.09.1998)

(71) **ASM AMERICA, INC.** [US/US]; 3440 East University Drive, Phoenix, AZ 85034-7200 (US).

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(72, 75) **RAAIJMAKERS, Ivo** [NL/NL]; ASM International N.V., Jan van Eycklaan 10, NL-3723 BC Bilthoven (NL).

(74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson & Bear, LLP, Sixteenth Floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁶ **H01L 21/027, G03F 7/20**

(11) **WO 00/16381** (13) A1

(21) PCT/JP99/04966

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) ja (26) ja

(30) 10/260227 **14 Sep/sep 1998** JP
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • EXPOSURE APPARATUS AND ITS MANUFACTURING METHOD, AND DEVICE PRODUCING METHOD

• APPAREIL D'EXPOSITION ET SON PROCEDE DE FABRICATION, ET PROCEDE DE PRODUCTION DE DISPOSITIF

(71) **NIKON CORPORATION** [JP/JP]; 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAGIWARA, Shigeru** [JP/JP]; Nikon Corporation, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).

(74) **TATEISHI, Atsuji**; Paseo Building, 5th floor, 4-20, Haramachida 5-chome, Machida-shi, Tokyo 194-0013 (JP).

(81) AE AL AU BA BB BG BR CA CN CU CZ EE GD GE HR HU ID IL IN IS JP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK TR TT UA US UZ VN YU ZA; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **H01L 21/04**

(11) **WO 00/16382** (13) A1

(21) PCT/US99/21475

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) en (26) en

(30) 60/100,546 **16 Sep/sep 1998** US
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • LOW TEMPERATURE FORMATION OF BACKSIDE OHMIC CONTACTS FOR VERTICAL DEVICES

• FORMATION A BASSE TEMPERATURE DE CONTACTS OHMIQUES REALISES SUR L'ENVERS DESTINES A DES DISPOSITIFS VERTICAUX

(71) **CREE RESEARCH, INC.** [US/US]; 4600 Silicon Drive, Durham, NC 27703-8475 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SLATER, David, B., Jr.** [US/US]; 6304 Jarratt Cove, Raleigh, NC 27613 (US).

(74) **SUMMA, Philip** et al. / etc.; Philip Summa, Patent Attorney, Suite 315, 13777 Ballantyne Corporate Place, Charlotte, NC 28277 (US).

(81) AE 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 GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁶ **H01L 21/205, 33/00**

(11) **WO 00/16383** (13) A1

(21) PCT/JP99/01952

(22) **12 Apr/avr 1999 (12.04.1999)**

(25) ja (26) ja

(30) 10/259015 **11 Sep/sep 1998** JP
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • METHOD FOR FORMING COMPOUND SEMICONDUCTOR LAYER AND COMPOUND SEMICONDUCTOR DEVICE
• PROCEDE DE FABRICATION D'UNE COUCHE DE SEMI-CONDUCTEUR COMPOSE ET DISPOSITIF SEMI-CONDUCTEUR COMPOSE
- (71) **SHARP KABUSHIKI KAISHA** [JP/JP]; 22-22, Nagaïke-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TAKAHASHI, Koji** [JP/JP]; 850, Raport Tenri, 2613-1, Ichinomotocho, Tenri-shi, Nara 632-0004 (JP). **KAWANISHI, Hidenori** [JP/JP]; 3-413, Nachuragaden Takano-hara, 6-6-1, Jingu, Nara-shi, Nara 631-0804 (JP).
- (74) **YAMAMOTO, Shusaku**; Crystal Tower, 15th floor 2-27, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-6015 (JP).
- (81) KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁶ **H01L 21/205**
- (11) **WO 00/16384** (13) A1
- (21) PCT/JP99/04963
- (22) **13 Sep/sep 1999 (13.09.1999)**
- (25) ja (26) ja
- (30) 10/259878 **14 Sep/sep 1998** JP
(14.09.1998)
- (30) 11/95724 **2 Apr/avr 1999** JP
(02.04.1999)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • APPARATUS FOR MANUFACTURING SEMICONDUCTOR DEVICE AND ITS MANUFACTURING METHOD
• APPAREIL POUR LA FABRICATION D'UN COMPOSANT A SEMI-CONDUCTEUR ET SON PROCEDE DE FABRICATION
- (71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NOZAWA, Katsuya** [JP/JP]; 1-9-19, Hirano-higashi, Hirano-ku, Osaka-shi, Osaka 547-0043 (JP). **KUBO, Minoru** [JP/JP]; 125, Ichiban-cho, Kikyo-gaoka-nishi, Nabari-shi, Mie 518-0641 (JP). **SAITOH, Tohru** [JP/JP]; 2-18-14, Torikai-shinmachi, Settsu-shi, Osaka 566-0065 (JP). **TAKAGI, Takeshi** [JP/JP]; 3-3, Uzumasa-kitaro-cho, Ukyo-ku, Kyoto-shi, Kyoto 616-8182 (JP).
- (74) **MAEDA, Hiroshi** et al. / etc.; Taihei Building, 4-8, Utsubohonmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0004 (JP).
- (81) CN KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁶ **H01L 21/205, C23C 16/44**
- (11) **WO 00/16385** (13) A1
- (21) PCT/JP99/04980
- (22) **13 Sep/sep 1999 (13.09.1999)**
- (25) ja (26) ja
- (30) 10/279368 **14 Sep/sep 1998** JP
(14.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • PLASMA REACTOR
• REACTEUR AU PLASMA
- (71) **TOKYO ELECTRON LIMITED** [JP/JP]; 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OKA, Shinsuke** [JP/JP]; 401, Buryaru Hashimoto, 5-17-13, Hashimoto, Sagamihara-shi, Kanagawa 229-1103 (JP). **NAKASE, Risa** [JP/JP]; 206, Serushion-Sagamihara II, 6-8-6, Sagamihara, Sagamihara-shi, Kanagawa 229-0031 (JP). **AKAHORI, Takashi** [JP/JP]; 401, Bears Palace, 37-5, Matsuki, Hachioji-shi, Tokyo 192-0362 (JP). **KAWAKAMI, Satoru** [JP/JP]; 2-3-26-401, Minami-dai, Sagamihara-shi, Kanagawa 228-0814 (JP).
- (74) **SATO, Kazuo** et al. / etc.; Kyowa Patent & Law Office, Fuji Building, Room 323, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
- (81) IL KR SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁶ **H01L 21/26, 21/302**
- (11) **WO 00/16386** (13) A1
- (21) PCT/JP99/04841
- (22) **7 Sep/sep 1999 (07.09.1999)**
- (25) ja (26) ja
- (30) 10/279367 **14 Sep/sep 1998** JP
(14.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD FOR HEAT-TREATING SILICON WAFER AND SILICON WAFER
• PROCEDE DE TRAITEMENT THERMIQUE POUR PLAQUETTES DE SILICIUM, ET PLAQUETTE DE SILICIUM
- (71) **SHIN-ETSU HANDOTAI CO., LTD.** [JP/JP]; 4-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **AKIYAMA, Shoji** [JP/JP]; Isobe R & D Center, Shin-Etsu Handotai Co., Ltd., 13-1, Isobe 2-chome, Annaka-shi, Gumma 379-0196 (JP). **KOBAYASHI, Norihiro** [JP/JP]; Isobe R & D Center, Shin-Etsu Handotai Co., Ltd., 13-1, Isobe 2-chome, Annaka-shi, Gumma 379-0196 (JP).
- (74) **YOSHIMIYA, Mikio**; Uenosansei Building 4th floor, 6-4, Motoasakusa 2-chome, Taito-ku, Tokyo 111-0041 (JP).
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- (81) KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁶ **H01L 21/285**
- (11) **WO 00/16387** (13) A1
- (21) PCT/US99/21143
- (22) **15 Sep/sep 1999 (15.09.1999)**
- (25) en (26) en
- (30) 60/100,596 **16 Sep/sep 1998** US
(16.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • HIGH RATE SILICON NITRIDE DEPOSITION METHOD AT LOW PRESSURES
• PROCEDE PERMETTANT DE DEPOSER DE LA SILICE A DES TAUX ELEVES ET A DE FAIBLES PRESSIONS
- (71) **TORREX EQUIPMENT CORPORATION** [US/US]; 4771 Arroyo Vista, Suite H, Livermore, CA 94550 (US).
- (72) **COOK, Robert, C.**; Torrex Equipment Corporation, Suite H, 4771 Arroyo Vista, Livermore, CA 94550 (US). **BRORS, Daniel, L.**; Torrex Equipment Corporation, Suite H, 4771 Arroyo Vista, Livermore, CA 94550 (US).
- (74) **JAFFER, David, H.**; Rosenblum, Parish & Isaacs, 160 West Santa Clara Street, 15th floor, San Jose, CA 95113 (US).
- (81) CA CN IL JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁶ **H01L 21/31, 21/469**
- (11) **WO 00/16388** (13) A1
- (21) PCT/US99/21142
- (22) **15 Sep/sep 1999 (15.09.1999)**
- (25) en (26) en
- (30) 60/100,595 **16 Sep/sep 1998** US
(16.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • HIGH RATE SILICON DIOXIDE DEPOSITION AT LOW PRESSURES
• DEPOT DE SILICE A DES TAUX ELEVES ET A DE FAIBLES PRESSIONS
- (71) **TORREX EQUIPMENT CORPORATION** [US/US]; 4771 Arroyo Vista, Suite H, Livermore, CA 94550 (US).
- (72) **COOK, Robert, C.**; Torrex Equipment Corporation, Suite H, 4771 Arroyo Vista, Livermore, CA 94550 (US). **BRORS, Daniel, L.**; Torrex Equipment Corporation, Suite H, 4771 Arroyo Vista, Livermore, CA 94550 (US).
- (74) **JAFFER, David, H.**; Rosenblum Parish & Isaacs, 15th floor, 160 W. Santa Clara Street, San Jose, CA 95113 (US).

(81) CA CN IL JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)⁶ **H01L 21/311**

(11) **WO 00/16389** (13) A1

(21) PCT/US99/05479

(22) **12 Mar/mar 1999 (12.03.1999)**

(25) en (26) en

(30) 09/154,843 **17 Sep/sep 1998 US (17.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • DEVICE AND METHOD FOR ETCHING SPACERS FORMED UPON AN INTEGRATED CIRCUIT GATE CONDUCTOR

• DISPOSITIF ET PROCEDE D'ATTAQUE DES ELEMENTS D'ESPACEMENT FORMES SUR UN CONDUCTEUR DE GRILLE DE CIRCUIT INTEGRE

(71) **ADVANCED MICRO DEVICES, INC.** [US/US]; One AMD PLace, M/S 68, Sunnyvale, CA 94088-3453 (US).

(72) **NGUYEN, Thien, T.**; 11512 Gunflight Lane, Austin, TX 78748 (US). **GARDNER, Mark, I.**; P.O. Box 249, Highway 535, Cedar Creek, TX 78612 (US). **MAY, Charles, E.**; 10503 Ames Lane, Austin, TX 78735 (US).

(74) **DRAKE, Paul, S.**; Advanced Micro Devices, Inc., 5204 East Ben White Boulevard, M/S 562, Austin, TX 78741 (US).

(81) JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ **H01L 21/3213, G02F 1/025, H01L 21/306, 21/28, H01S 3/00**

(11) **WO 00/16390** (13) A1

(21) PCT/DE99/02950

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) de (26) de

(30) 198 42 217.2 **15 Sep/sep 1998 DE (15.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR PRODUCING A STEP ON THE SURFACE OF A SUBSTRATE CONSISTING OF SEMICONDUCTOR MATERIAL, USE OF SAID METHOD AND SUBSTRATE WITH A STEP

• PROCEDE PERMETTANT DE PRODUIRE UN ETAGE SUR LA SURFACE D'UN SUBSTRAT CONSTITUE D'UN MATERIAU SEMI-CONDUCTEUR, UTILISATION DE CE PROCEDE ET SUBSTRAT DOTE D'UN TEL ETAGE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).

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(72, 75) **SCHIER, Michael** [DE/DE]; Strass 2C, D-83714 Miesbach (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D-80506 München (DE).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)⁶ **H01L 21/324**

(11) **WO 00/16391** (13) A1

(21) PCT/JP99/04962

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) ja (26) ja

(30) 10/259876 **14 Sep/sep 1998 JP (14.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR PRODUCING SEMICONDUCTOR DEVICE
• PROCEDE DE PRODUCTION DE COMPOSANT A SEMI-CONDUCTEUR

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SUGAHARA, Gaku** [JP/JP]; 5-1-1-68-101, Suzaku, Nara-shi, Nara 631-0806 (JP). **SAITOH, Tohru** [JP/JP]; 2-18-14, Torikai-shinmachi, Settsu-shi, Osaka 566-0065 (JP). **KUBO, Minoru** [JP/JP]; 125, Ichiban-cho, Kikyogaoka-nishi, Nabari-shi, Mie 518-0641 (JP). **OHNISHI, Teruhito** [JP/JP]; 60-1-1202, Yamanoue-kitamachi, Hirakata-shi, Osaka 573-0049 (JP).

(74) **MAEDA, Hiroshi et al.** / etc.; Taihei Building, 4-8, Usubohonmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0004 (JP).

(81) JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ **H01L 21/331, 29/732, 29/737**

(11) **WO 00/16392** (13) A1

(21) PCT/EP99/06416

(22) **31 Aug/août 1999 (31.08.1999)**

(25) en (26) en

(30) 98203054.6 **11 Sep/sep 1998 EP (11.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD OF MANUFACTURING A SEMICONDUCTOR DEVICE WITH A BIPOLAR TRANSISTOR

• PROCEDE DE FABRICATION D'UN DISPOSITIF A SEMI-CONDUCTEUR A TRANSISTOR BIPOLAIRE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **TERPSTRA, Doede**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **EMONS, Catharina, H., H.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **SMEETS, Eugenius, T., J., M.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)⁶ **H01L 21/4763, 21/44**

(11) **WO 00/16393** (13) A1

(21) PCT/US99/19335

(22) **24 Aug/août 1999 (24.08.1999)**

(25) en (26) en

(30) 09/154,801 **17 Sep/sep 1998 US (17.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD OF FORMING INTERCONNECTS USING SELECTIVE DEPOSITION

• PROCEDE DE FORMATION D'INTERCONNEXIONS PAR DEPOT SELECTIF

(71) **ATMEL CORPORATION** [US/US]; 2325 Orchard Parkway, San Jose, CA 95131 (US).

(72) **CHERN, Geeng-Chuan**; 10535 Merriman Road, Cupertino, CA 95014 (US).

(74) **SCHNECK, Thomas**; Law Offices of Thomas Schneck, P.O. Box 2-E, San Jose, CA 95109-0005 (US).

(81) CA CN JP KR NO SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)⁶ **H01L 21/52**

(11) **WO 00/16394** (13) A1

(21) PCT/JP98/04104

(22) **10 Sep/sep 1998 (10.09.1998)**

(25) ja (26) ja

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • PRESS CONTACT SEMICONDUCTOR DEVICE

• DISPOSITIF SEMI-CONDUCTEUR A CONTACT PAR PRESSION

(71) **mitsubishi denki kabushiki kaisha** [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SATO, Katsumi** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) **YOSHIDA, Shigeaki** et al. / etc.; Sumitomo-seimei OBP Plaza Building, 10th floor, 4-70, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ **H01L 21/56**

(11) **WO 00/16395** (13) A1

(21) PCT/US99/20132

(22) **1 Sep/sep 1999 (01.09.1999)**

(25) en (26) en

(30) 10/276668 **11 Sep/sep 1998** JP
(**11.09.1998**)

(30) 09/378,847 **23 Aug/août 1999** US
(**23.08.1999**)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **FLIP CHIP MOUNTING TECHNIQUE**
• **TECHNIQUE DE MONTAGE DE PUCES A BOSSES**

(71) **POLYMER FLIP CHIP CORPORATION** [US/US]; 14 Fortune Drive, Billerica, MA 01821 (US). **TORAY ENGINEERING COMPANY, LIMITED** [JP/JP]; 3-16 Nihonbashi-Hongokuchou 3-chome, Chuo-ku, Tokyo 103 (JP).

(72) **ESTES, Richard, H.**; 7 Baldwin Lane, Hollis, NH 03049 (US). **ITO, Koji**; 38-18, 2-chome, Nango, Otsu City 520 (JP). **AKITA, Masanori**; 17-14-612, 1-chome, Nakanoshou, Otsu City 520 (JP). **MORI, Toshihiro**; 50-17, Miyake-cho, Moriyama City 524 (JP). **WADA, Minoru**; 1457 Kohari-shinshuku, Ina-machi, Kitaadachi-gun, Saitama (JP).

(74) **LOBER, Theresa, A.**; T. A. Lober Patent Services, 128 Robbins Drive, Carlisle, MA 01741 (US).

(81) BR CA KR MX SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ **H01L 21/762, 21/265**

(11) **WO 00/16396** (13) A1

(21) PCT/JP99/04839

(22) **7 Sep/sep 1999 (07.09.1999)**

(25) en (26) en

(30) 10/257263 **10 Sep/sep 1998** JP
(**10.09.1998**)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **SIMOX SUBSTRATE AND METHOD FOR PRODUCTION THEREOF**
• **SUBSTRAT SIMOX ET PROCEDE DE PRODUCTION ASSOCIE**

(71) **NIPPON STEEL CORPORATION** [JP/JP]; 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MATSUMURA, Atsuki** [JP/JP]; Nippon Steel Corporation, Technical Development Bureau, 20-1, Shintomi, Futtsu City, Chiba 293-8511 (JP). **MIZUTANI, Toshiyuki** [JP/JP]; Nippon Steel Corporation, Technical Development Bureau, 20-1, Shintomi, Futtsu City, Chiba 293-8511 (JP). **TAKAYAMA, Seiji** [JP/JP]; Nippon Steel Corporation, Technical Development Bureau, 20-1, Shintomi, Futtsu City, Chiba 293-8511 (JP). **KAWAMURA, Keisuke** [JP/JP]; Nippon Steel Corporation, Technical Development Bureau, 20-1, Shintomi, Futtsu City, Chiba 293-8511 (JP). **HAMAGUCHI, Isao** [JP/JP]; Nippon Steel Corporation, Technical Development Bureau, 20-1, Shintomi, Futtsu City, Chiba 293-8511 (JP).

(74) **HATTA, Mikio** et al. / etc.; Dia Palace Nibancho, 11-9, Nibancho, Chiyoda-ku, Tokyo 102-0084 (JP).

(81) JP KR SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)⁶ **H01L 23/46, H05K 7/20, G06F 1/20**

(11) **WO 00/16397** (13) A1

(21) PCT/JP98/04159

(22) **16 Sep/sep 1998 (16.09.1998)**

(25) ja (26) ja

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **ELECTRONIC DEVICE**
• **DISPOSITIF ELECTRONIQUE**

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NISHIHARA, Atsuo** [JP/JP]; Mechanical Engineering Research Laboratory, Hitachi, Ltd., 502, Kandatumachi, Tsuchiura-shi, Ibaraki 300-0013 (JP). **ASHI-WAKE, Noriyuki** [JP/JP]; Mechanical Engineering Research Laboratory, Hitachi, Ltd., 502, Kandatumachi, Tsuchiura-shi, Ibaraki 300-0013 (JP). **IDEI, Akio** [JP/JP]; General Purpose Computer Division, Hitachi, Ltd., 1, Horiyamashita, Hadano-shi, Kanagawa 259-1304 (JP). **DAIKOKU, Takahiro** [JP/JP]; General Purpose Computer Division, Hitachi, Ltd., 1, Horiyamashita, Hadano-shi, Kanagawa 259-1304 (JP).

(74) **OGAWA, Katsuo**; Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220 (JP).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁶ **H01L 25/04**

(11) **WO 00/16398** (13) A1

(21) PCT/JP99/02990

(22) **4 Jun/juin 1999 (04.06.1999)**

(25) ja (26) ja

(30) 10/257835 **11 Sep/sep 1998** JP
(**11.09.1998**)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **POWER SEMICONDUCTOR MODULE AND MOTOR DRIVE SYSTEM**
• **MODULE DE PUISSANCE A SEMI-CONDUCTEUR ET SYSTEME D'ENTRAINEMENT DE MOTEUR**

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAMBA, Akihiro** [JP/JP]; Hitachi Research Laboratory Hitachi, Ltd., 1-1, Omikacho 7-chome, Hitachi-shi, Ibaraki 319-1221 (JP). **OGAWA, Toshio** [JP/JP]; Hitachi Research Laboratory Hitachi, Ltd., 1-1, Omikacho 7-chome, Hitachi-shi, Ibaraki 319-1221 (JP). **YAMADA, Kazuji** [JP/JP]; Hitachi Research Laboratory Hitachi, Ltd., 1-1, Omikacho 7-chome, Hitachi-shi, Ibaraki 319-1221 (JP).

(74) **SAKUTA, Yasuo**; Hitachi Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220 (JP).

(81) KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ **H01L 27/092**

(11) **WO 00/16399** (13) A1

(21) PCT/DE99/02831

(22) **7 Sep/sep 1999 (07.09.1999)**

(25) de (26) de

(30) 198 41 445.5 **10 Sep/sep 1998** DE
(**10.09.1998**)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • **SEMICONDUCTOR CIRCUIT**
• **CIRCUIT A SEMI-CONDUCTEUR**

(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, Kurt** [DE/DE]; Nelkenweg 20, D-82024 Taufkirchen (DE). **KOWARIK, Oskar** [DE/DE]; Brunnhildenstr. 26 A, D-85579 Neubiberg (DE). **HÖNIGSCHMID, Heinz** [DE/DE]; Sandstr. 3, D-82319 Starnberg (DE). **BRAUN, Georg** [DE/DE]; Theresienhöhe 6B, D-80339 München (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D-80506 München (DE).

(81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)⁷ **H01L 27/10, H01G 4/06**

(11) **WO 00/16400** (13) A1

(21) PCT/CN99/00147

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) zh (26) zh

- (30) 98 1 19257.2 **16 Sep/sep 1998** CN
(16.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • APPLICATIONS OF PROTECTIVE CERAMICS
• APPLICATION DE CERAMIQUES DE PROTECTION
- (71, 72) **ZHANG, Guobiao** [CN/CN]; Box 001, Taodeng River Post Office, Chengdu City, Sichuan Province 610051 (CN).
- (74) **CCPIT PATENT AND TRADEMARK LAW OFFICE**; 8th floor, 2 Fuchengmenwai Street, Beijing 100037 (CN).
- (81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH 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 GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **H01L 27/14, G06F 13/36, H04N 7/01**
- (11) **WO 00/16401** (13) A1
- (21) PCT/US99/18847
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 09/151,767 **11 Sep/sep 1998** US
(11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD OF OPERATING A CHARGE COUPLED DEVICE IN AN ACCELERATED MODE, AND IN CONJUNCTION WITH AN OPTICAL SYMBOLOGY IMAGER
• METHODE D'UTILISATION D'UN DISPOSITIF A COUPLAGE DE CHARGE EN MODE ACCELERE ET EN LIAISON AVEC UN IMAGEUR OPTIQUE DE SYMBOLES
- (71) **ROBOTIC VISION SYSTEMS INC.** [-/US]; 5 Shawmut Road, Canton, MA 02021 (US).
- (72) **STERN, Howard**; 89 Derby Avenue, Greenlawn, NY 11740 (US). **DOWLING, John, H.**; 49 Windemere Way, Nashua, NH 03063 (US).
- (74) **ROBINSON, Douglas, W.** et al. / etc.; Hoffman, Wasson & Gitler, P.C., Suite 522, 2361 Jefferson Davis Highway, Arlington, VA 22202 (US).
- (81) AE AL AU BA BB BG BR CA CN CU CZ EE GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK TR TT UA UZ VN YU ZA; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **H01L 29/06, 29/423, 29/417**
- (11) **WO 00/16402** (13) A1
- (21) PCT/DE99/02746
- (22) **1 Sep/sep 1999 (01.09.1999)**
- (25) de (26) de
- (30) 198 42 475.2 **16 Sep/sep 1998** DE
(16.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • SEMICONDUCTOR STRUCTURE WITH CONTACTING
• STRUCTURE SEMI-CONDUCTRICE POURVUE D'UNE METALLISATION
- (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) **BARTSCH, Wolfgang** [DE/DE]; Rennsstr. 21, D-91054 Erlangen (DE). **MITLEHNER, Heinz** [DE/DE]; Danziger Str. 1a, D-91080 Uttenreuth (DE). **STEPHANI, Dietrich** [DE/DE]; Hans-Birkmayr-Str. 7, D-91088 Bubenreuth (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D-80506 München (DE).
- (81) BR CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)⁷ **H01L 29/10, 29/417**
- (11) **WO 00/16403** (13) A1
- (21) PCT/DE99/02800
- (22) **3 Sep/sep 1999 (03.09.1999)**
- (25) de (26) de
- (30) 198 42 488.4 **16 Sep/sep 1998** DE
(16.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • SEMICONDUCTOR DEVICE AND SEMICONDUCTOR STRUCTURE WITH CONTACT
• DISPOSITIF A SEMICONDUCTEUR ET STRUCTURE SEMICONDUCTRICE A CONTACT
- (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) **BARTSCH, Wolfgang** [DE/DE]; Rennsstrasse 21, D-91054 Erlangen (DE).
- MITLEHNER, Heinz** [DE/DE]; Danziger Strasse 1a, D-91080 Uttenreuth (DE). **STEPHANI, Dietrich** [DE/DE]; Hans-Birkmayr-Strasse 7, D-91088 Bubenreuth (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D-80506 München (DE).
- (81) BR CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)⁶ **H01L 29/74**
- (11) **WO 00/16405** (13) A1
- (21) PCT/JP98/04057
- (22) **10 Sep/sep 1998 (10.09.1998)**
- (25) ja (26) ja
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • SEMICONDUCTOR DEVICE AND METHOD FOR DRIVING THE SAME
• DISPOSITIF SEMI-CONDUCTEUR ET PROCÉDE DE COMMANDE D'UN TEL DISPOSITIF
- (71) **MITSUBISHI DENKI KABUSHIKI KAISHA** [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OTA, Kenji** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310

- (JP). **MORISHITA, Kazuhiro** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **SATO, Katsumi** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
- (74) **MIYATA, Kaneo** et al. / etc.; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁶ **H01L 29/74**
(11) **WO 00/16406** (13) A1
(21) PCT/JP98/04058
(22) **10 Sep/sep 1998 (10.09.1998)**
(25) ja (26) ja
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • SEMICONDUCTOR DEVICE
• DISPOSITIF SEMI-CONDUCTEUR
- (71) **mitsubishi denki kabushiki kaisha** [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SATO, Katsumi** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **MORISHITA, Kazuhiro** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **KOGA, Shinji** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
- (74) **MIYATA, Kaneo** et al. / etc.; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **H01L 29/78**
(11) **WO 00/16407** (13) A2
(21) PCT/DE99/02874
(22) **10 Sep/sep 1999 (10.09.1999)**
(25) de (26) de
(30) 198 41 754.3 **11 Sep/sep 1998 DE (11.09.1998)**
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • SWITCHING TRANSISTOR WITH REDUCED SWITCHING LOSSES
• ALIMENTATION A DECOUPAGE PRESENTANT DES PERTES DE COMMUTATION REDUITES
- (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) **DEBOY, Gerald** [DE/DE]; Hauptstrasse 10, D-82008 Unterhaching (DE). **MÄRZ, Martin** [DE/DE]; Widderweg 21D, D-85570 Markt Schwaben (DE). **HIRLER, Franz** [DE/DE]; Mozartstrasse 4, D-84424 Isen (DE). **WEBER, Hans** [DE/DE]; Saalchau 112, D-83404 Ainring (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D-80506 München (DE).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁶ **H01L 29/868**
(11) **WO 00/16408** (13) A1
(21) PCT/JP98/04055
(22) **10 Sep/sep 1998 (10.09.1998)**
(25) ja (26) ja
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • SEMICONDUCTOR DEVICE AND ITS MANUFACTURING METHOD
• DISPOSITIF A SEMICONDUCTEUR ET SON PROCEDE DE FABRICATION
- (71) **mitsubishi denki kabushiki kaisha** [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MORISHITA, Kazuhiro** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **SATO, Katsumi** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **KOGA, Shinji** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
- (74) **MIYATA, Kaneo** et al. / etc.; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁶ **H01L 31/00**
(11) **WO 00/16409** (13) A1
(21) PCT/US99/20632
(22) **10 Sep/sep 1999 (10.09.1999)**
(25) en (26) en
(30) 60/099,679 **10 Sep/sep 1998 US (10.09.1998)**
(30) 09/388,356 **1 Sep/sep 1999 US (01.09.1999)**
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • COARSE GRAIN POLYCRYSTALLINE GALLIUM ANTIMONIDE THERMOPHOTOVOLTAIC CELL
• CELLULE THERMOPHOTOVOLTAIQUE A BASE D'ANTIMONIURE DE GALLIUM POLYCRISTALLIN A GRAIN GROSSIER
- (71) **JX CRYSTALS INC.** [US/US]; Suite A2, 1105 12th Avenue, N.W., Issaquah, WA 98027 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FRAAS, Lewis, M.** [US/US]; 4617 174th Place, S.E., Bellevue, WA 98006 (US). **HUANG, Han-Xiang** [CN/US]; Apartment 201, 800 3rd Avenue, N.W., Issaquah, WA 98027 (US).
- (74) **WRAY, James, C.** et al. / etc.; Suite 300, 1493 Chain Bridge Road, McLean, VA 22101 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **H01L 31/0296**
(11) **WO 00/16410** (13) A2
(21) PCT/DE99/02847
(22) **8 Sep/sep 1999 (08.09.1999)**
(25) de (26) de
(30) 198 42 212.1 **15 Sep/sep 1998 DE (15.09.1998)**
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • SEMICONDUCTOR COMPONENT CONTAINING LATTICE MISMATCHED SEMICONDUCTOR MATERIALS
• COMPOSANT A SEMICONDUCTEUR CONTENANT DES MATERIAUX SEMICONDUCTEURS A DEFAUT D'ADAPTATION
- (71) **OSRAM OPTO SEMICONDUCTORS GMBH & CO. OHG** [DE/DE]; Wernerwerkstrasse 2, D-93049 Regensburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BEHRINGER, Martin, Rudolf** [DE/DE]; Theodor-Sturm-Strasse 16a, D-93051 Regensburg (DE). **HOMMEL, Detlef** [DE/DE]; Wilhelm-Wolter-Strasse 122, D-28309 Bremen (DE).
- (74) **OSRAM OPTO SEMICONDUCTORS GMBH & CO. OHG**; c/o Zedditz, Peter, Postfach 22 13 17, D-80503 München (DE).
- (81) CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁶ **H01L 33/00, 21/363, 21/365, H01S 3/18**
(11) **WO 00/16411** (13) A1
(21) PCT/JP99/04903
(22) **9 Sep/sep 1999 (09.09.1999)**
(25) ja (26) ja

- (30) 10/257167 **10 Sep/sep 1998** JP (30) 09/152,813 **14 Sep/sep 1998** US (51)⁶ **H01L 39/24, 39/22, 39/00, 21/311,**
(10.09.1998) (14.09.1998) 21/3065, 21/467
- (30) 10/274026 **28 Sep/sep 1998** JP (43) 23 Mar/mar 2000 (23.03.2000) (11) **WO 00/16414** (13) A1
(28.09.1998)
- (30) 10/320909 **11 Nov/nov 1998** JP (54) ● SUPERCONDUCTING STRUCTURE (21) PCT/AU99/00774
(11.11.1998) ● STRUCTURE SUPRACONDUCTRICE (22) **14 Sep/sep 1999 (14.09.1999)**
- (30) 10/320910 **11 Nov/nov 1998** JP (71) **THE REGENTS OF THE UNIVERSITY** (25) en (26) en
(11.11.1998) **OF CALIFORNIA** [US/US]; Business and (30) PP 5907 **14 Sep/sep 1998** AU
(13.11.1998) Patent Law, MS D412, Los Alamos National (14.09.1998)
- (30) 10/324004 **13 Nov/nov 1998** JP (72) **KWON, Chuhee**; 4100-B Alabama Ave- (43) 23 Mar/mar 2000 (23.03.2000)
(13.11.1998) nue, Los Alamos, NM 87544 (US). **JIA,** (54) ● METHOD OF FABRICATION OF STEP
(30) 10/328269 **18 Nov/nov 1998** JP (74) **QUANXI**; 832 Kristi Lane, Los Alamos, NM EDGE
(18.11.1998) 87544 (US). **FOLTYN, Stephen, R.**; 111 (●) PROCÉDE DE FORMATION D'UN
(30) 10/328271 **18 Nov/nov 1998** JP Beryl Street, Los Alamos, NM 87544 (US). BORD ABRUPT
- (30) 10/328272 **18 Nov/nov 1998** JP (74) **COTTRELL, Bruce, H.**; Business and (71) **COMMONWEALTH SCIENTIFIC AND**
(18.11.1998) Patent Law, MS D412, Los Alamos National **INDUSTRIAL RESEARCH ORGANISA-**
(30) 10/328273 **18 Nov/nov 1998** JP Laboratory, P.O. Box 1663, Los Alamos, NM TION [AU/AU]; Limestone Avenue, Camp-
(18.11.1998) 87545 (US). bell, ACT 2601 (AU).
(for all designated States except / pour tous
les États désignés sauf US)
- (30) 10/361557 **18 Dec/déc 1998** JP (81) AE AL AM AT AU AZ BA BB BG BR BY (72, 75) **FOLEY, Cathy** [AU/AU]; Bradfield
(18.12.1998) CA CH CN CU CZ DE DK EE ES FI GB Road, West Lindfield, NSW 2070 (AU).
- (30) 10/361559 **18 Dec/déc 1998** JP KP KR KZ LC LK LR LS LT LU LV MD (74) **F B RICE & CO**; 605 Darling Street,
(18.12.1998) MG MK MN MW MX NO NZ PL PT RO Balmain, NSW 2041 (AU).
- (30) 10/361561 **18 Dec/déc 1998** JP UG UZ VN YU ZA ZW; AP (GH GM KE (81) AE AL AM AT AU AZ BA BB BG BR BY
(18.12.1998) LS MW SD SL SZ TZ UG ZW); EA (AM CA CH CN CR CU CZ DE DK DM EE ES
(30) 10/361562 **18 Dec/déc 1998** JP AZ BY KG KZ MD RU TJ TM); EP (AT FI GB GD GE GH GM HR HU ID IL IN
(18.12.1998) BE CH CY DE DK ES FI FR GB GR IE IT IS JP KE KG KP KR KZ LC LR LS LT
(30) 11/5678 **12 Jan/jan 1999** JP LU MC NL PT SE); OA (BF BJ CF CG CI LU LV MD MG MK MN MW MX NO NZ
(12.01.1999) CM GA GN GW ML MR NE SN TD TG). PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG US UZ VN YU ZA ZW;
AP (GH GM KE LS MW SD SL SZ TZ UG
ZW); EA (AM AZ BY KG KZ MD RU TJ
TM); EP (AT BE CH CY DE DK ES FI FR
GB GR IE IT LU MC NL PT SE); OA (BF
BJ CF CG CI CM GA GN GW ML MR NE
SN TD TG).
- (30) 11/24168 **1 Feb/fév 1999** JP (51)⁶ **H01L 39/02, 39/06, 39/24**
- (30) 11/24169 **1 Feb/fév 1999** JP (11) **WO 00/16413** (13) A1
- (43) 23 Mar/mar 2000 (23.03.2000) (21) PCT/AU99/00773
- (54) ● SEMICONDUCTOR LIGHT- (22) **14 Sep/sep 1999 (14.09.1999)**
EMITTING DEVICE AND METHOD (25) en (26) en
FOR MANUFACTURING THE SAME
- DEL A SEMI-CONDUCTEUR ET SON (30) PP 5907 **14 Sep/sep 1998** AU
PROCÉDE DE FABRICATION (14.09.1998)
- (71) **ROHM CO., LTD.** [JP/JP]; 21, Saiin (43) 23 Mar/mar 2000 (23.03.2000)
Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto (54) ● SUPERCONDUCTING DEVICE
615-8585 (JP). ● DISPOSITIF SUPRACONDUCTEUR
(for all designated States except / pour tous (71) **COMMONWEALTH SCIENTIFIC AND**
les États désignés sauf US) **INDUSTRIAL RESEARCH ORGANISA-**
TION [AU/AU]; Limestone Avenue, Camp-
bell, ACT 2601 (AU).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) **TANABE, Tetsuhiro** [JP/JP]; Rohm (72, 75) **LAM, Simon** [AU/AU]; Bradfield Road,
Co., Ltd., 21, Saiin Mizosaki-cho, Ukyo-ku, West Lindfield, NSW 2070 (AU).
- Kyoto-shi, Kyoto 615-8585 (JP). **NAKA-** (74) **F B RICE & CO**; 605 Darling Street,
HARA, Ken [JP/JP]; Rohm Co., Ltd., 21, Balmain, NSW 2041 (AU).
- Saiin Mizosaki-cho., Ukyo-ku, Kyoto-shi, (81) AE AL AM AT AU AZ BA BB BG BR BY
Kyoto 615-8585 (JP). CA CH CN CR CU CZ DE DK DM EE ES
FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MD MG MK MN MW MX NO NZ
PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG US UZ VN YU ZA ZW;
AP (GH GM KE LS MW SD SL SZ TZ UG
ZW); EA (AM AZ BY KG KZ MD RU TJ
TM); EP (AT BE CH CY DE DK ES FI FR
GB GR IE IT LU MC NL PT SE); OA (BF
BJ CF CG CI CM GA GN GW ML MR NE
SN TD TG).
- (74) **KAWAMURA, Kiyoshi**; Kawamura & (71) **LINWOOD TRADING LIMITED**
Co., Shinei Bldg. 6E, 5-1, Nishinakajima [GB/GB]; 12 Connaught Square, London
4-chome, Yodogawa-ku, Osaka-shi, Osaka W2 2HG (GB).
532-0011 (JP). (for all designated States except / pour tous
les États désignés sauf US)
- (81) CA CN JP KR US; EP (DE FR GB IT NL).
- (51)⁶ **H01L 39/00**
- (11) **WO 00/16412** (13) A1
- (21) PCT/US99/21019
- (22) **14 Sep/sep 1999 (14.09.1999)**
- (25) en (26) en

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁶ H01M 2/10

(11) WO 00/16416 (13) A1

(21) PCT/JP99/04994

(22) 13 Sep/sep 1999 (13.09.1999)

(25) ja (26) ja

(30) 10/258374 11 Sep/sep 1998 JP (11.09.1998)

(30) 10/258375 11 Sep/sep 1998 JP (11.09.1998)

(30) 11/151188 31 May/mai 1999 JP (31.05.1999)

(30) 11/151189 31 May/mai 1999 JP (31.05.1999)

(30) 11/231658 18 Aug/août 1999 JP (18.08.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • BATTERY PACK
• ENSEMBLE PILE

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOZU, Katsumi [JP/JP]; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). KAJIWARA, Shigeru [JP/JP]; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). KONISHI, Shoji [JP/JP]; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). TAKEMURA, Takashi [JP/JP]; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). FUJIWARA, Junji [JP/JP]; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). KAIWA, Ryoichi [JP/JP]; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). HIRABAYASHI, Tetsuo [JP/JP]; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(74) ISHIHARA, Masaru; Tatsuno Nishi-tenma Building, 5th floor, 1-6, Nishi-tenma 3-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).

(81) NO US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁶ H01M 4/32

(11) WO 00/16417 (13) A1

(21) PCT/US99/21098

(22) 14 Sep/sep 1999 (14.09.1999)

(25) en (26) en

(30) 09/153,692 15 Sep/sep 1998 US (15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • STRUCTURALLY MODIFIED NICKEL HYDROXIDE MATERIAL AND METHOD FOR MAKING SAME

• MATIERE D'HYDROXYDE DE NICKEL A STRUCTURE MODIFIEE ET PROCEDE DE FABRICATION ASSOCIE

(71) OVONIC BATTERY COMPANY, INC. [US/US]; 1707 Northwood, Troy, MI 48084 (US).

(72) OVSHINSKY, Stanford, R.; 2700 Squirrel Road, Bloomfield Hills, MI 48013 (US). ALADJOV, Boyko; 1415 Brians Way, Rochester Hills, MI 48307 (US). YOUNG, Rosa, T.; 1490 Brentwood, Troy, MI 48098 (US). VENKATESAN, Srinivasan; 30115 Woodgate Drive, Southfield, MI 48076 (US). DHAR, Subhash, K.; 1978 Long Lake Shores, Bloomfield Hills, MI 48302 (US).

(74) SCHLAZER, Philip, H. et al. / etc.; Energy Conversion Devices, Inc., 1675 W. Maple Road, Troy, MI 48084 (US).

(81) AU BR CA CN IN JP KR MX NO RU UA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁶ H01M 4/58

(11) WO 00/16418 (13) A1

(21) PCT/US99/20918

(22) 10 Sep/sep 1999 (10.09.1999)

(25) en (26) en

(30) 60/099,924 11 Sep/sep 1998 US (11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • LITHIUM ION BATTERY UTILIZING CARBON FOAM ELECTRODES

• PILE AUX IONS LITHIUM COMPORTANT DES ELECTRODES EN MOUSSE DE CARBONE

(71) DAIMLERCHRYSLER INTELLECTUAL CAPITAL CORPORATION [US/US]; Corporate Patent Office, CIMS 483-02-19, 800 Chrysler Drive, Auburn Hills, MI 48326-2757 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MOORE, Thomas, Sidney [US/US]; 2401 Sullivan Road, Oxford, MI 48371 (US). DINDA, Subimal [US/US]; 6741 Walnut Lake Road, West Bloomfield, MI 48323 (US).

(74) MOGA, Thomas, T. et al. / etc.; Harness, Dickey & Pierce, P.L.C., Suite 400, 5445 Corporate Drive, Troy, MI 48098 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ H01M 4/86, 4/88, 12/06

(11) WO 00/16419 (13) A1

(21) PCT/US99/21528

(22) 17 Sep/sep 1999 (17.09.1999)

(25) en (26) en

(30) 09/154,812 17 Sep/sep 1998 US (17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR MAKING METAL-AIR ELECTRODE WITH WATER SOLUBLE CATALYST PRECURSORS AND RESULTING ELECTRODE

• PROCEDE DE FABRICATION D'UNE ELECTRODE METAL-AIR AU MOYEN DE PRECURSEURS DE CATALYSEUR SOLUBLES DANS L'EAU, ET ELECTRODE OBTENUE PAR CE PROCEDE

(71) AER ENERGY RESOURCES, INC. [US/US]; Suite G, 4600 Highlands Parkway, Smyrna, GA 30082 (US).

(72) KUZNETSOV, Irena; 3470 Haverhill Rowe, Lawrenceville, GA 30244 (US). GOLOVIN, Milton, Neal; 3416 Stillbrook Way, Marietta, GA 30062 (US).

(74) PAPPAS, Peter, G. et al. / etc.; Jones & Askew, LLP, 2400 Monarch Tower, 3424 Peachtree Road, Atlanta, GA 30326 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H01M 4/88, 4/86, C04B 35/645, 35/547, H01M 8/18

(11) WO 00/16420 (13) A1

(21) PCT/GB99/02958

(22) 7 Sep/sep 1999 (07.09.1999)

(25) en (26) en

(30) 9820108.0 15 Sep/sep 1998 GB (15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● PROCESS FOR THE PREPARATION OF RETICULATED COPPER OR NICKEL SULFIDE

● PROCEDE DE PREPARATION DE SULFURE DE CUIVRE OU DE NICKEL RETICULE

(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) **CRANSTONE, Wayne, Robert, Ian** [GB/GB]; 3 Martins Close, Bottlesford, Pewsey SN9 6LP (GB). **COOLEY, Graham, Edward** [GB/GB]; Forge House, Chapel Lane, Fernham, Nr. Faringdon, Oxfordshire SN7 7PE (GB). **MALE, Stewart, Ernest** [GB/GB]; 68 Farm Close, East Grinstead, West Sussex RH19 3QG (GB). **COX, Jonathan, David** [GB/GB]; 74 Curtis Avenue, Abingdon, Oxfordshire OX14 3UW (GB).

(74) **BOULT WADE TENNANT**; 27 Furnival Street, London EC4A 1PQ (GB).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁶ **H01M 6/18, 6/22, 10/40**

(11) **WO 00/16421** (13) A1

(21) PCT/KR98/00494

(22) **31 Dec/déc 1998 (31.12.1998)**

(25) en (26) en

(30) 1998/37423 **10 Sep/sep 1998 (10.09.1998)** KR

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● SOLID POLYMER ALLOY ELECTROLYTE IN HOMOGENEOUS STATE AND MANUFACTURING METHOD THEREFOR, AND COMPOSITE ELECTRODE, LITHIUM POLYMER BATTERY AND LITHIUM ION POLYMER BATTERY USING THE SAME AND MANUFACTURING METHODS THEREFOR

● ELECTROLYTE EN ALLIAGE DE POLYMERES SOLIDES A L'ETAT HOMOGENE ET SON PROCEDE DE FABRICATION, ELECTRODE COMPOSITE, BATTERIE POLYMERE AU LITHIUM ET BATTERIE POLYMERE AUX IONS DE LITHIUM FABRIQUEES A PARTIR DE CET ELECTROLYTE ET LEURS PROCEDES DE FABRICATION

(71) **KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY** [KR/KR]; 39-1, Hawolgok-Dong, Sungbook-Ku, Seoul 136-791 (KR).

(72) **YUN, Kyung, Suk**; Woosung Apt. 203-1302, San 17, Sadang 2-Dong, Dongjak-Ku, Seoul 156-092 (KR). **CHO, Byung, Won**; Jungan Villa 102, 338-81, Hongoon 3-Dong, Seodaemoon-Ku, Seoul 120-103 (KR). **CHO, Won, Il**; Hyundae Apt. 7-102, 230, Kongreung 2-Dong, Nowon-Ku, Seoul 139-242 (KR). **PAIK, Chi, Hum**; KIST Apt. 21, 39-1, Hawolgok-Dong, Sungbook-Ku, Seoul 136-130 (KR). **KIM, Hyung, Sun**; Jugong Apt. 112-110, 242, Bun-Dong, Kangbooh-Ku, Seoul 142-060 (KR). **KIM, Un, Sek**; 1418-21, Sinrim 5-Dong, Kwanak-Ku, Seoul 151-015 (KR).

(74) **PARK, Jang, Won**; Park, Kim & Partner, 200, Nonhyun-Dong, Kangnam-Ku, Seoul 135-010 (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 GM HR HU ID IL IS KE KG KP KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **H01M 6/18, 8/10, 10/26**

(11) **WO 00/16422** (13) A1

(21) PCT/US99/20404

(22) **7 Sep/sep 1999 (07.09.1999)**

(25) en (26) en

(30) 09/156,135 **17 Sep/sep 1998 (17.09.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● POLYMER-BASED HYDROXIDE CONDUCTING MEMBRANES
● MEMBRANES A BASE DE POLYMERES, PERMEABLES AUX HYDROXYDES

(71) **REVEO, INC.** [US/US]; 85 Executive Boulevard, Elmsford, NY 10523 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **YAO, Wayne** [-/US]; 169 B Howard Drive, Bergenfield, NJ 07621 (US). **TSAI, Tsepin** [-/US]; 616 Woodland Hills Road, White Plains, NY 10603 (US). **CHANG, Yuen-Ming** [-/US]; 10 Hunter Lane, Elmsford, NY 10523 (US). **CHEN, Mugu** [-/US]; 179 Underhill Avenue, West Harrison, NY 10604 (US).

(74) **HESLIN, Robert, E.** et al. / etc.; Heslin & Rothenberg, P.C., 5 Columbia Circle, Albany, NY 12203 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ **H01M 8/00**

(11) **WO 00/16423** (13) A2

(21) PCT/DE99/02932

(22) **11 Sep/sep 1999 (11.09.1999)**

(25) de (26) de

(30) 198 41 970.8 **14 Sep/sep 1998 (14.09.1998)** DE

(30) 199 41 724.5 **2 Sep/sep 1999 (02.09.1999)** DE

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● FUEL CELL WHICH OPERATES WITH AN EXCESS OF FUEL

● CELLULE ELECTROCHIMIQUE FONCTIONNANT AVEC UN EXCEDANT DE COMBUSTIBLE

(71) **FORSCHUNGSZENTRUM JÜLICH GMBH** [DE/DE]; Wilhelm-Johnen-Strasse, D-52425 Jülich (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **THOM, Frank** [DE/DE]; Kopernikustrasse 25, D-52353 Düren (DE).

(74) **FORSCHUNGSZENTRUM JÜLICH GMBH**; Personal und Recht - Patente (PR-PT), D-52425 Jülich (DE).

(81) AU CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁶ **H01M 8/02, C04B 35/01**

(11) **WO 00/16424** (13) A1

(21) PCT/EP98/08237

(22) **16 Dec/déc 1998 (16.12.1998)**

(25) de (26) de

(30) PCT/EP 98/05930 **16 Sep/sep 1998 (16.09.1998)** EP

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● PLASTIC PLATE AND METHOD FOR PRODUCING THE SAME

● PLAQUE DE MATIERE PLASTIQUE ET SON PROCEDE DE PRODUCTION

(71) **SCHUNK KOHLENSTOFFTECHNIK GMBH** [DE/DE]; Rodheimer Strasse 59, D-35452 Heuchelheim (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RINN, Günter** [DE/DE]; Dahlienweg 10, D-35633 Lahnau (DE). **LIPPERT, Hans** [DE/DE]; Allendorfer Strasse 14, D-36341 Lauterbach (DE). **WOLF, Reinhold** [DE/DE]; Sonnenstrasse 19, D-35444 Biebertal (DE).

(74) **STOFFREGEN, Hans-Herbert**; Friedrich-Ebert-Anlage 11b, D-63450 Hanau (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **H01M 8/04**

(11) **WO 00/16425** (13) A1

(21) PCT/CA99/00823

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 60/100,091 **14 Sep/sep 1998** US
(14.09.1998)

(30) 2,274,240 **10 Jun/juin 1999** CA
(10.06.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ELECTRICAL CURRENT GENERATION SYSTEM
• GENERATEUR DE COURANT ELECTRIQUE

(71) **QUESTOR INDUSTRIES INC.** [CA/CA]; 6961 Russell Avenue, Burnaby, British Columbia V5J 4R8 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KEEFER, Bowie, G.** [CA/CA]; 4324 West 11th Avenue, Vancouver, British Columbia V6R 2M1 (CA). **McLEAN, Christopher** [CA/CA]; 4297 West 11th Avenue, Vancouver, British Columbia V6R 2L8 (CA). **BROWN, Michael, J.** [CA/CA]; 1220 Nepal Crescent, West Vancouver, British Columbia V7T 2H3 (CA).

(74) **GRAHAM, Robert, J.** et al. / etc.; Gowing, Strathy & Henderson, Suite 4900, Commerce Court West, Toronto, Ontario M5L 1J3 (CA).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ **H01M 8/04, 2/00, 2/14, 6/00**

(11) **WO 00/16426** (13) A1

(21) PCT/US99/16205

(22) **16 Jul/juil 1999 (16.07.1999)**

(25) en (26) en

(30) 09/118,546 **17 Jul/juil 1998** US
(17.07.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • FUEL CELL POWER SUPPLY WITH EXHAUST RECYCLING FOR IMPROVED WATER MANAGEMENT

• ALIMENTATION ELECTRIQUE D'UNE PILE A COMBUSTIBLE AVEC RECYCLAGE DE L'ECHAPPEMENT POUR AMELIORER LA GESTION DE L'EAU

(71) **INTERNATIONAL FUEL CELLS CORPORATION** [US/US]; 195 Governor's Highway, South Windsor, CT 06074 (US).

(72) **REISER, Carl, Anthony**; 25 Orchard Street, Stonington, CT 06378 (US). **YANG, Deliang**; 28B Mount Vernon Drive, Vernon, CT 06066 (US). **MARGIOTT, Paul, Richard**; 32 Sele Drive, South Windsor, CT 06074 (US).

(74) **KELLY, Robert, H.**; Intellectual Property Counsel, Hamilton Sundstrand, One Hamilton Road, Windsor Locks, CT 06096-1010 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)⁶ **H01M 10/40, 6/16**

(11) **WO 00/16427** (13) A1

(21) PCT/JP99/04932

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) ja (26) ja

(30) 10/258724 **11 Sep/sep 1998** JP
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • NONAQUEOUS ELECTROLYTIC LIQUID AND SECONDARY BATTERY WITH NONAQUEOUS ELECTROLYTIC LIQUID

• LIQUIDE ELECTROLYTIQUE NON AQUEUX ET BATTERIE SECONDAIRE CONTENANT CE LIQUIDE

(71) **MITSUMI CHEMICALS INC.** [JP/JP]; 2-5, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-6070 (JP). **SONY CORPORATION** [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
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(72, 75) **HAYASHI, Takashi** [JP/JP]; Mitsui Chemicals Inc., 580-32, Aza-Taku 2-gou, Nagaura, Sodegaura-shi, Chiba 299-0265 (JP). **TAN, Hiroaki** [JP/JP]; Mitsui Chemicals Inc., 580-32, Aza-Taku 2-gou, Nagaura, Sodegaura-shi, Chiba 299-0265 (JP). **ITO, Hidetoshi** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **OMARU, Atsuo** [JP/JP]; Sony Energytec Inc., 1-1, Aza-Shimosugishita, Takakura, Hiwada-cho, Koriyama-shi, Fukushima 963-0531 (JP). **NAGAMINE, Masayuki** [JP/JP]; Sony Energytec Inc., 1-1, Aza-Shimosugishita, Takakura, Hiwada-cho, Koriyama-shi, Fukushima 963-0531 (JP).

(74) **NAKAJIMA, Shigemitsu**; Nichiyō Building, 3rd floor, 11-12, Kanda Mitoshiro-cho, Chiyoda-ku, Tokyo 101-0053 (JP).

(81) CA CN JP KR US; EP (BE DE FR GB).

(51)⁶ **H01M 10/44**

(11) **WO 00/16428** (13) A1

(21) PCT/US99/20771

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 09/152,219 **11 Sep/sep 1998** US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD AND APPARATUS FOR MEASURING COMPLEX IMPEDANCE OF CELLS AND BATTERIES

• PROCEDE ET DISPOSITIF DE MESURE DE L'IMPEDANCE COMPLEXE DE CELLULES ET DE BATTERIES

(71, 72) **CHAMPLIN, Keith, S.** [US/US]; 5437 Elliot Avenue South, Minneapolis, MN 55417 (US).

(74) **CHAMPLIN, Judson, K.** et al. / etc.; Westman, Champlin & Kelly, P.A., Suite 1600 - International Centre, 900 Second Avenue South, Minneapolis, MN 55402-3319 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ **H01M 10/48, H02H 7/18**

(11) **WO 00/16429** (13) A1

(21) PCT/GB99/02897

(22) **2 Sep/sep 1999 (02.09.1999)**

(25) en (26) en

(30) 9820132.0 **16 Sep/sep 1998** GB
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • BATTERY OVER-DISCHARGE PROTECTION
• PROTECTION DE PILES CONTRE DES DECHARGES EXCESSIVES

(71) **RAYCHEM LIMITED** [GB/GB]; Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH (GB).
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(72, 75) **HOPPER, George, Frederick** [GB/GB]; 50 Loosen Drive, Maidenhead, Berkshire SL6 3UT (GB). **PENNECK, Richard** [GB/GB]; 2 Westway, Lechlade, Glos GL7 3BT (GB). **FURUTA, Masanori** [JP/JP]; Shalman Copo 1002, 9-11, Kibachō, Minato-ku, Nagoya City (JP). **SATO, Takashi** [JP/JP]; Evergreen Kishiwa 321, 5-1, Asahi-cho, Kashiwa City, Chiba Prefecture (JP). **TORII, Shigefumi** [JP/JP]; CO-Z Nishi Kan 205, 4-1-1, Kouzunomori, Narita City, Chiba Prefecture (JP).

(74) **JAY, Anthony, William** et al. / etc.; Raychem Limited, European Patent Dept., Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH (GB).

(81) AU BR CA CN CZ HU IL IN JP KR MX NZ PL RU SG US ZA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁶ **H01M 14/00, 2/10, 2/26, 2/02, B43K 5/16, 7/12, H01R 3/00, 11/00, H05K 7/10**

(11) **WO 00/16430** (13) A1

(21) PCT/US99/20959

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) en (26) en

(30) 60/100,707 **17 Sep/sep 1998 (17.09.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • BATTERY HOLDER
• PORTE-BATTERIES

(71) **REHABILICARE, INC.** [US/US]; 1811 Old Highway 8, New Brighton, MN 55112 (US).

(72) **MOWERS, Charles, T.**; 156 North Taylor Road, Bald Knob, AR 72010 (US). **WINGROVE, Robert, C.**; 5780 Willow Lane, Shoreview, MN 55126 (US).

(74) **KEOUGH, Steven, J.** et al. / etc.; Patterson & Keough, P.A., 4800 IDS Center, 80 South 8th Street, Minneapolis, MN 55402-2100 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁶ **H01P 1/161**(11) **WO 00/16431** (13) A1

(21) PCT/US99/20732

(22) **8 Sep/sep 1999 (08.09.1999)**

(25) en (26) en

(30) 09/152,134 **11 Sep/sep 1998 (11.09.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • PLANAR ORTHO-MODE TRANSDUCER
• TRANSDUCTEUR ORTHOMODE PLANAIRE

(71) **CHANNEL MASTER LLC** [US/US]; 1315 Industrial Drive Park, Smithfield, NC 27577 (US).

(72) **HALLER, Nicolas**; 29656 Buffalo Park Road, No. 206, Evergreen, CO 80439 (US). **COOK, Scott, C.**; 1701 Lisburn Court, Garner, NC 27529 (US).

(74) **FELLER, Mitchell, S.** et al. / etc.; Darby & Darby P.C., 805 Third Avenue, New York, NY 10022-7513 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁶ **H01P 1/208, 7/10**(11) **WO 00/16432** (13) A1

(21) PCT/US98/19106

(22) **15 Sep/sep 1998 (15.09.1998)**

(25) en (26) en

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • METAL DIELECTRIC COMPOSITE RESONATOR
• RESONATEUR COMPOSITE RENFERMANT UN DIELECTRIQUE ET UN METAL

(71) **NEW JERSEY INSTITUTE OF TECHNOLOGY** [US/US]; 138 Warren Street, Newark, NJ 07102-1982 (US).
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(72, 75) **SNYDER, Richard, V.** [US/US]; 17 Leone Terrace, Kinnelon, NJ 07405 (US). **ALVAREZ, Charlotte** [US/US]; 501 Hawthorne Place, Morganville, NJ 07751 (US).

(74) **WOODBIDGE, Richard, C.**; Woodbridge & Associates, P.C., P.O. Box 592, Princeton, NJ 08542-0592 (US).

(81) AU CA DE GB JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)⁷ **H01Q**(11) **WO 00/16433** (13) A2

(21) PCT/KR99/00542

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 1998/38353 **14 Sep/sep 1998 (14.09.1998)** KR

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • COMMUNICATION DEVICE AND METHOD IN MOBILE COMMUNICATION SYSTEM
• PROCEDE ET DISPOSITIF DE COMMUNICATION DANS UN SYSTEME DE COMMUNICATION MOBILE

(71) **SAMSUNG ELECTRONICS CO., LTD.** [KR/KR]; 416, Maetan-dong, Paldal-gu, Suwon-shi, Kyungki-do 442-370 (KR).

(72) **CHANG, Hoon**; Dongah apt. Ga-dong, #1110, Daechi 4-dong, Kangnam-gu, Seoul 135-284 (KR). **LEE, Hyun-Seok**; Chamshil Jugong apt. 1-danji, #29-302, Chamshil 1-dong, Songpa-gu, Seoul 138-221 (KR).

(74) **LEE, Keon-Joo**; Mihwa Bldg. 110-2, Myongryun-dong 4-ga, Chongro-gu, Seoul 110-524 (KR).

(81) AU CA CN; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ **H01Q**(11) **WO 00/16434** (13) A2

(21) PCT/KR99/00543

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 1998/38352 **14 Sep/sep 1998 (14.09.1998)** KR

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • COMMON CHANNEL COMMUNICATION DEVICE AND METHOD SUPPORTING VARIOUS DATA RATES IN MOBILE COMMUNICATION SYSTEM
• PROCEDE ET DISPOSITIF DE COMMUNICATION A CANAUX COMMUNS SUPPORTANT DIVERS DEBITS DE DONNEES DANS UN SYSTEME DE COMMUNICATION MOBILE

(71) **SAMSUNG ELECTRONICS CO., LTD.** [KR/KR]; 416, Maetan-dong, Paldal-gu, Suwon-shi, Kyungki-do 442-370 (KR).

(72) **KIM, Dae-Gyun**; Kyongnam Apt. #7-905, Kaepo-dong, Kangnam-gu, Seoul 135-240 (KR). **LEE, Hyun-Seok**; Chamshil Jugong Apt. 1-danji, #29-302, Chamshil 1-dong, Songpa-gu, Seoul 138-221 (KR).

(74) **LEE, Keon-Joo**; Mihwa Building, 110-2, Myongryun-dong 4-ga, Chongro-gu, Seoul 110-524 (KR).

(81) AU CA CN; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ H01Q

- (11) WO 00/16435 (13) A2
(21) PCT/KR99/00544
(22) 14 Sep/sep 1999 (14.09.1999)
(25) en (26) en
(30) 1998/38351 14 Sep/sep 1998 KR
(14.09.1998)
(30) 1998/41939 2 Oct/oct 1998 KR
(02.10.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • METHOD FOR PROCESSING DATA TO BE TRANSMITTED OVER COMMON CHANNEL
• METHODE DE TRAITEMENT DES DONNEES A TRANSMETTRE SUR UN CANAL COMMUN
(71) SAMSUNG ELECTRONICS CO., LTD. [KR/KR]; 416, Maetan-dong, Paldal-gu, Suwon-shi, Kyungki-do 442-370 (KR).
(72) LEE, Hyun-Seok; Chamshil Jugong APT. 1-danji, #29-302 Chamshil 1-dong, Songpa-gu, Seoul 138-221 (KR). KIM, Dae-Gyun; Kyongnam APT. #7-905, Kaepo-dong, Kangnam-gu, Seoul 135-240 (KR). KIM, Sun-Mi; 104-9, Hongun 3-dong, Sodaemun-gu, Seoul 120-103 (KR).
(74) LEE, Keon-Joo; Mihwa Building, 110-2, Myongryun-dong 4-ga, Chongro-gu, Seoul 110-524 (KR).
(81) AU CA CN; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ H01Q

- (11) WO 00/16436 (13) A2
(21) PCT/KR99/00558
(22) 16 Sep/sep 1999 (16.09.1999)
(25) en (26) en
(30) 1998/38278 16 Sep/sep 1998 KR
(16.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • MOBILE STATION POSITIONING SYSTEM AND METHOD IN MOBILE COMMUNICATION SYSTEM
• SYSTEME DE LOCALISATION DE STATION MOBILES ET PROCEDE DANS UN SYSTEME DE COMMUNICATION MOBILE
(71) SAMSUNG ELECTRONICS CO., LTD. [KR/KR]; 416, Maetan-dong, Paldal-gu, Suwon-shi, Kyungki-do 442-370 (KR).
(72) KONG, Seung-Hyun; 325-7, Yulhyon-dong, Kangnam-gu, Seoul 135-210 (KR). MOON, Hi-Chan; 667-8, Chayang 2-dong, Kwangjin-gu, Seoul 143-192 (KR).
(74) LEE, Keon-Joo; Mihwa Building, 110-2, Myongryun-dong 4-ga, Chongro-gu, Seoul 110-524 (KR).
(81) AU CA CN; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ H01Q

- (11) WO 00/16437 (13) A2
(21) PCT/KR99/00562
(22) 17 Sep/sep 1999 (17.09.1999)
(25) en (26) en
(30) 1998/38919 17 Sep/sep 1998 KR
(17.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • DEVICE AND METHOD FOR PERFORMING FRAME SYNC USING SYNC CHANNEL IN MOBILE COMMUNICATION SYSTEM
• DISPOSITIF ET PROCEDE PERMETTANT D'EFFECTUER UNE SYNCHRONISATION DE TRAME A L'AIDE D'UN CANAL DE SYNCHRONISATION DANS UN SYSTEME DE COMMUNICATIONS MOBILE
(71) SAMSUNG ELECTRONICS CO., LTD. [KR/KR]; 416, Maetan-dong, Paldal-gu, Suwon-shi, Kyungki-do 442-370 (KR).
(72) MOON, Hi-Chan; 667-8, Chayang 2-dong, Kwangjin-gu, Seoul 143-192 (KR). KIM, Jong-Han; Byeokshan Apt. #202-1103, Jukjeon-ri, Suji-up, Yongin-shi, Kyonggi-do 449-840 (KR).
(74) LEE, Keon-Joo; Mihwa Building, 110-2, Myongryun-dong 4-ga, Chongro-gu, Seoul 110-524 (KR).
(81) AU CA CN; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ H01Q 1/06, 1/44, 1/42, 19/13

- (11) WO 00/16438 (13) A1
(21) PCT/FR99/02164
(22) 10 Sep/sep 1999 (10.09.1999)
(25) fr (26) fr
(30) 98/11459 11 Sep/sep 1998 FR
(11.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • WAVE RECEPTION DEVICE COMPRISING A SATELLITE ANTENNA
• DISPOSITIF DE RECEPTION D'ONDES COMPORTANT UNE ANTENNE SATELLITE
(71, 72) BUREAU, Daniel [FR/FR]; 8, rue de la Souffel, F-67450 Lampertheim (FR).
(74) RHEIN, Alain; Cabinet Bleger-Rhein, 8, avenue Pierre Mendès France, F-67300 Schiltigheim (FR).
(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ H01Q 1/36, 9/30, 5/00

- (11) WO 00/16439 (13) A2
(21) PCT/DE99/02925
(22) 15 Sep/sep 1999 (15.09.1999)
(25) de (26) de
(30) 198 42 449.3 16 Sep/sep 1998 DE
(16.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • ANTENNA WHICH CAN BE OPERATED IN SEVERAL FREQUENCY BANDS
• ANTENNE FONCTIONNANT DANS PLUSIEURS BANDES DE FREQUENCES
(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).
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(72, 75) PAN, Sheng-Gen [CN/DE]; Wilhelm-Raabe-Strasse 9, D-47475 Kamp-Lintfort (DE). NEVERMANN, Peter [DE/DE]; Kolpingstrasse 69, D-47647 Kerken (DE).
(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, D-80506 München (DE).
(81) CN IN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁶ H01Q 1/36

- (11) WO 00/16440 (13) A1
(21) PCT/KR99/00210
(22) 29 Apr/avr 1999 (29.04.1999)
(25) en (26) en
(30) 1998/37558 11 Sep/sep 1998 KR
(11.09.1998)
(43) 23 Mar/mar 2000 (23.03.2000)
(54) • ANTENNA FOR PORTABLE WIRELESS COMMUNICATIONS SYSTEM
• ANTENNE POUR SYSTEME DE RADIOCOMMUNICATION
(71, 72) CHANG, Eung-Soon [KR/KR]; 103-904 Samik Ceramic Apt., 1038, Mansoo-dong, Namdong-gu, Incheon-shi 405-240 (KR).
(74) YOO, Dong-Ho; Kangnam Building, Room 903, 1321-1 Soch'o-dong, Soch'o-gu, Seoul 137-070 (KR).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁶ H01Q 15/08, 11/10, 13/10, 13/12

(11) WO 00/16441 (13) A1

(21) PCT/US99/20620

(22) 9 Sep/sep 1999 (09.09.1999)

(25) en (26) en

(30) 09/151,036 10 Sep/sep 1998 US
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • HIGH-PERFORMANCE SECTORED ANTENNA SYSTEM USING LOW PROFILE BROADBAND FEED DEVICES

- SYSTEME HAUTE PERFORMANCE A ANTENNE SECTORIELLE METTANT EN OEUVRE DES DISPOSITIFS D'ALIMENTATION COMPACTS A LARGE BANDE

(71) SPIKE TECHNOLOGIES, INC. [US/US]; One Chestnut Street, Nashua, NH 03060 (US).

(72) DZIADEK, Edward, F.; 3 Old New Boston Road, Mont Vernon, NH 03057 (US). CAREY, Douglas, F.; 280 Park Avenue South #18L, New York, NY 10010 (US).

(74) PRITZKER, Randy, J.; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ H01R

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(21) PCT/IL99/00499

(22) 14 Sep/sep 1999 (14.09.1999)

(25) en (26) en

(30) 126246 16 Sep/sep 1998 IL
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • A PLUG AND SOCKET COMBINATION

- COMBINAISON ELEMENT MALE ET ELEMENT FEMELLE

(71) SAFETY QUICK LIGHT LTD. [IL/IL]; Sheshet Hayamim Street 28, 51202 Bnei Brak (IL).
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(72, 75) KOHEN, Ran [IL/IL]; Ramot Yam Street 50, 46851 Herzlia (IL).

(74) EITAN, PEARL, LATZER & COHEN-ZEDEK; 2 Gav Yam Center, Shenkar Street 7, 46725 Herzlia (IL).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁶ H01R 9/09

(11) WO 00/16443 (13) A1

(21) PCT/US99/20418

(22) 7 Sep/sep 1999 (07.09.1999)

(25) en (26) en

(30) 60/099,730 10 Sep/sep 1998 US
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • NON-CIRCULAR MICRO-VIA

- MICROTRAVERSEES NON CIRCULAIRES

(63) US 60/099,730 (CIP)
10 Sep/sep 1998 (10.09.1998)

(71) VIASYSTEMS GROUP, INC. [US/US]; Suite 400, 101 South Hanley Road, St. Louis, MO 63105 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) COTTON, Martin, A. [GB/GB]; Eldon Street, South Shields, Tyne & Wear NE33 5BU (GB).

(74) EVANS, Lawrence, E., Jr.; Herzog, Crebs & McGhee, LLP, One City Centre, 24th floor, 515 North Sixth Street, St. Louis, MO 63101-2409 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁶ H01R 9/09

(11) WO 00/16444 (13) A1

(21) PCT/US99/20551

(22) 7 Sep/sep 1999 (07.09.1999)

(25) en (26) en

(30) 09/151,394 10 Sep/sep 1998 US
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • AN IMPROVED METHOD AND APPARATUS FOR TRANSFERRING SIGNALS THROUGH A HIGH DENSITY, LOW PROFILE, ARRAY TYPE STACKING CONNECTOR

- PROCEDE ET APPAREIL AMELIORES DE TRANSFERT DE SIGNAUX PAR UN CONNECTEUR HAUTE DENSITE EXTRA-PLAT DE TYPE MULTICOUCHE A ELEMENTS SUPERPOSES

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TURNER, Leonard, O. [US/US]; 101 SE 175th Avenue, Vancouver, WA 98684 (US).

(74) MILLIKEN, Darren, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁶ H01R 9/09

(11) WO 00/16445 (13) A1

(21) PCT/US99/21149

(22) 15 Sep/sep 1999 (15.09.1999)

(25) en (26) en

(30) 60/100,392 15 Sep/sep 1998 US
(15.09.1998)(30) 90/344,821 25 Jun/juin 1999 US
(25.06.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • LOW PROFILE CONNECTOR ASSEMBLY

- ENSEMBLE DE CONNEXION EXTRA-PLAT

(71) TVM GROUP, INC. [US/US]; 42700 Lawrence Place, Fremont, CA 94538 (US).

(72) FOLEY, Robert, G.; 33851 Abercrombie Place, Fremont, CA 94555 (US).

(74) MIDDLEHURST, Richard, J.; 39265 Marbella Teraza, Fremont, CA 94538 (US). WOOD, Donald, E.; 850 Glenhill Drive, Fremont, CA 94539 (US). JETTER, Robert, S.; 4188 Greenwood Avenue #7, Oakland, CA 94602 (US).

(74) HERBERT, Thomas, O. et al. / etc.; Flehr Hohbach Test Albritton & Herbert LLP, 4 Embarcadero Center, Suite 3400, San Francisco, CA 94111-4187 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **H01R 12/04, 13/66, 13/719**

(11) **WO 00/16446** (13) A1

(21) PCT/DE99/02785

(22) **2 Sep/sep 1999 (02.09.1999)**

(25) de (26) de

(30) 198 41 459.5 **10 Sep/sep 1998 DE (10.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● PRINTED CIRCUIT BOARD ARRANGEMENT WITH A MULTIPOLE PLUG-IN CONNECTOR

● ENSEMBLE PLAQUETTE DE CIRCUIT IMPRIME A CONNECTEUR ENFICHABLE MULTIPOLAIRE

(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) **BELAU, Horst** [DE/DE]; Gabriele Münster Weg 2, D-84085 Langquaid (DE). **HELD, Joachim** [DE/DE]; Schönwerthstrasse 56, D-81739 München (DE). **REINDL, Hartwig** [DE/DE]; Nürnberger Strasse 8, D-80537 Feucht (DE). **MEYER, Wolfram** [DE/DE]; Asamstrasse 36, D-93051 Regensburg (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D-80506 München (DE).

(81) JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)⁷ **H01R 12/34**

(11) **WO 00/16447** (13) A1

(21) PCT/DE99/02783

(22) **2 Sep/sep 1999 (02.09.1999)**

(25) de (26) de

(30) 198 41 467.6 **10 Sep/sep 1998 DE (10.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● BOARD-PLUG-IN-CONTACT ARRANGEMENT

● ENSEMBLE PLATINE-CONTACT ENFICHABLE

(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) **BELAU, Horst** [DE/DE]; Gabriele Münster Weg 2, D-84085 Langquaid (DE). **HELD, Joachim** [DE/DE]; Schönwerthstrasse 56, D-81739 München (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D-80506 München (DE).

(81) JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)⁷ **H01R 13/42, H05K 3/30**

(11) **WO 00/16448** (13) A1

(21) PCT/RU99/00299

(22) **18 Aug/août 1999 (18.08.1999)**

(25) ru (26) ru

(30) 98117097 **11 Sep/sep 1998 RU (11.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● METHOD FOR CONNECTING ELECTRIC COMPONENTS AND DEVICE FOR REALISING THE SAME

● PROCEDE DE CONNEXION DE COMPOSANTS ELECTRIQUES ET DISPOSITIF DE MISE EN OEUVRE DE CE PROCEDE

(71, 72) **RAKOV, Dmitry Leonidovich** [RU/RU]; 3 Volokolamskyj pr., 2-28, Moscow, 123060 (RU).

(81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ **H01R 13/64, 24/02**

(11) **WO 00/16449** (13) A1

(21) PCT/JP99/04931

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) ja (26) ja

(30) 10/258365 **11 Sep/sep 1998 JP (11.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● CONNECTOR SOCKET, CONNECTOR PLUG AND CONNECTOR ASSEMBLY
● CONNECTEUR MALE ET FEMELLE, ET ENSEMBLE CONNECTEUR

(71) **HOSIDEN CORPORATION** [JP/JP]; 4-33, Kitakyuhoji 1-chome, Yao-shi, Osaka 581-0071 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ARAI, Junichi** [JP/JP]; 835, Tsunatorimachi, Isesaki-shi, Gumma 372-0812 (JP).

(74) **KUSANO, Takashi** et al. / etc.; Sagami Building, 2-21, Shinjuku 4-chome, Shinjuku-ku, Tokyo 160-0022 (JP).

(81) CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ **H01R 19/40, 19/28 // 25/00**

(11) **WO 00/16450** (13) A1

(21) PCT/SE99/01506

(22) **1 Sep/sep 1999 (01.09.1999)**

(25) sv (26) en

(30) 9802934-1 **1 Sep/sep 1998 SE (01.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● ELECTRICAL OUTLET FOR OPTIONAL/VARIABLE INSERTION OF PLUGS

● SORTIE ELECTRIQUE POUR L'INSERTION OPTIONNELLE / VARIABLE DE FICHES MALES

(71, 72) **SVENSSON, Anders** [SE/SE]; Amiralitetsgatan 24 E, S-414 62 Göteborg (SE).

(74) **AWAPATENT AB**; P.O. Box 11394, S-404 28 Göteborg (SE).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ **H01R 23/00, 23/02**

(11) **WO 00/16451** (13) A1

(21) PCT/EP99/05831

(22) **10 Aug/août 1999 (10.08.1999)**

(25) de (26) de

(30) 198 41 356.4 **10 Sep/sep 1998 DE (10.09.1998)**

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● CABLE MANAGER FOR MULTICORE CABLE

● DISPOSITIF DE POSITIONNEMENT POUR CABLE A PLUSIEURS CONDUCTEURS

(71) **KRONE GMBH** [DE/DE]; Beeskowdamm 3-11, D-14167 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZIMMER, Sabine** [DE/DE]; Heidekampweg 115, D-12437 Berlin (DE). **GOW, Neil** [GB/GB]; Brownhill Cottage, Brownhill Stroud, Gloucestershire GL6 8AG (GB). **ELLIOT, Neil** [GB/GB]; 4 Reddings Park, Reddings Road, Cheltenham, Gloucestershire GL51 6UD (GB).

- (74) **KRONE GMBH**; Abt. FTP, Beeskowdamm 3-11, D-14167 Berlin (DE).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **H01S 3/10**
- (11) **WO 00/16452** (13) A1
- (21) PCT/US99/15544
- (22) **9 Jul/juil 1999 (09.07.1999)**
- (25) en (26) en
- (30) 09/151,539 **11 Sep/sep 1998** US (11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **QUADRUPLE GRATING PERIOD PPLN OPTICAL PARAMETRIC OSCILLATOR DIFFERENCE FREQUENCY GENERATOR WITH COMMON DOUBLY RESONANT CAVITY**
- **STRUCTURE GENERATEUR DE FREQUENCE DIFFERENCE/OSCILLATEUR PARAMETRIQUE OPTIQUE PPLN A PERIODE DE DIFFRACTION QUADRUPLE, DOTE D'UNE CAVITE DOUBLEMENT RESONANTE COMMUNE**
- (71) **NORTHROP GRUMMAN CORPORATION** [US/US]; 1840 Century Park East, Los Angeles, CA 90067-2199 (US).
- (72) **MEYER, Ronald, K., Jr.**; 4207 North Marmora, 2nd floor, Chicago, IL 60634 (US). **VAIDYANATHAN, Mohan**; 740 Majestic Drive, Algonquin, IL 60102 (US). **PEKNEY, William**; 117 Holmes Way, Schaumburg, IL 60193 (US). **GRIFFITH, Gerald, P.**; 4351 Prospect Avenue, Western Springs, IL 60558 (US). **MUI, Peter, H.**; 3032 Steven Martin Drive, Fairfax, VA 20231 (US).
- (74) **ANDERSON, Terry, J.**; Northrop Grumman Corporation, 1840 Century Park East, Los Angeles, CA 90067-2199 (US) et al. / etc.
- (81) AU CA IL; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)⁶ **H01S 3/10**
- (11) **WO 00/16453** (13) A1
- (21) PCT/US99/20962
- (22) **9 Sep/sep 1999 (09.09.1999)**
- (25) en (26) en
- (30) 60/099,901 **11 Sep/sep 1998** US (11.09.1998)
- (30) 60/100,055 **11 Sep/sep 1998** US (11.09.1998)
- (30) 60/099,839 **11 Sep/sep 1998** US (11.09.1998)
- (30) 60/099,865 **11 Sep/sep 1998** US (11.09.1998)
- (30) 60/099,831 **11 Sep/sep 1998** US (11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **TUNABLE LASER**
- **LASER ACCORDABLE**
- (71) **NEW FOCUS, INC.** [US/US]; 2630 Walsh Avenue, Santa Clara, CA 95051-0905 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **DAY, Timothy** [US/US]; 1103 Happy Valley Avenue, San Jose, CA 95129 (US). **TUGANOV, Alexander, V.** [RU/US]; 1575 Granger Way, Redwood City, CA 94061 (US). **WU, I-Fan** [CN/US]; 1232 Casa Marcia Place, Fremont, CA 94539 (US). **PEASE, John** [US/US]; 692 San Miguel, Santa Clara, CA 95050 (US). **FARINAS, Alejandro, D.** [US/US]; 225 Church Street, Mountain View, CA 94041 (US). **ARNONE, David, F.** [US/US]; 227 Diablo Avenue, Mountain View, CA 94043 (US). **REITER, Kenneth, C.** [US/US]; 1505 Ramita Court, San Jose, CA 95128 (US). **BROWNELL, Michael** [US/US]; 425 18th Street, Huntington Beach, CA 92648 (US). **CARNEY, Robert, A.** [US/US]; 282 Carmelita Drive, Mountain View, CA 94040 (US). **MOORE, Bruce, A.** [US/US]; 100 Serena Way, Santa Clara, CA 95051 (US).
- (74) **BEYER & WEAVER, LLP**; Charles C. Cary, P.O. Box 61059, Palo Alto, CA 94306 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁶ **H01S 3/16**
- (11) **WO 00/16454** (13) A1
- (21) PCT/US99/21585
- (22) **17 Sep/sep 1999 (17.09.1999)**
- (25) en (26) en
- (30) 09/154,813 **17 Sep/sep 1998** US (17.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **ELECTROLUMINESCENT SOLID STATE DEVICE**
- **DISPOSITIF ELECTROLUMINESCENT A SOLIDE**
- (71) **ASTRALUX, INCORPORATED** [US/US]; 2500 Central Avenue, Boulder, CO 80301-2845 (US).
- (72) **LEKSONO, Moeljanto, W.**; 1529 14th Street, Boulder, CO 80303 (US). **QIU, Chang-Hua**; 47 Albury Way, North Brunswick, NJ 08902 (US). **PANKOVE, Jacques, Isaac**; 2386 Vassar Drive, Boulder, CO 80303 (US).
- (74) **HANCOCK, Earl, C.**; Holland & Hart LLP, Suite 3200, 555 17th Street, P.O. Box 8749, Denver, CO 80201-8749 (US).
- (81) CA JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (51)⁶ **H01S 3/18, H01L 33/00**
- (11) **WO 00/16455** (13) A1
- (21) PCT/JP99/04904
- (22) **9 Sep/sep 1999 (09.09.1999)**
- (25) ja (26) ja
- (30) 10/257165 **10 Sep/sep 1998** JP (10.09.1998)
- (30) 10/257166 **10 Sep/sep 1998** JP (10.09.1998)
- (30) 10/266867 **21 Sep/sep 1998** JP (21.09.1998)
- (30) 10/266868 **21 Sep/sep 1998** JP (21.09.1998)
- (30) 10/268714 **22 Sep/sep 1998** JP (22.09.1998)
- (30) 10/270385 **24 Sep/sep 1998** JP (24.09.1998)
- (30) 10/270386 **24 Sep/sep 1998** JP (24.09.1998)
- (30) 10/271263 **25 Sep/sep 1998** JP (25.09.1998)
- (30) 10/274025 **28 Sep/sep 1998** JP (28.09.1998)
- (30) 10/328270 **18 Nov/nov 1998** JP (18.11.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • **SEMICONDUCTOR LUMINOUS ELEMENT AND SEMICONDUCTOR LASER**
- **ELEMENT LUMINEUX SEMI-CONDUCTEUR ET LASER A SEMI-CONDUCTEUR**
- (71) **ROHM CO., LTD.** [JP/JP]; 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-8585 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **TANABE, Tetsuhiro** [JP/JP]; Rohm Co., Ltd., 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-8585 (JP). **NAKAHARA, Ken** [JP/JP]; Rohm Co., Ltd., 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-8585 (JP).
- (74) **KAWAMURA, Kiyoshi**; Kawamura & Co., Shinei Building, 6E, 5-1, Nishinakajima 4-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).

(81) CA CN JP KR US; EP (DE FR GB IT NL).

(51)⁶ **H01T 13/20, F02P 15/00, 23/00**(11) **WO 00/16456** (13) A1

(21) PCT/US99/00937

(22) **15 Jan/jan 1999 (15.01.1999)**

(25) en (26) en

(30) 09/151,440 **11 Sep/sep 1998** US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● SPARK PLUG ULTRASOUND WHISTLE
● SIFFLET ULTRASONIQUE POUR BOUGIE D'ALLUMAGE(71, 72) **SARCARTO, Walter, E.** [US/US]; 2000 South Acoma, Denver, CO 80233 (US).(74) **CRABTREE, Edwin, H.**; Suite 575, 3773 Cherry Creek N. Drive, Denver, CO 80209 (US).

(81) CA MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ **H02B 15/00, H01H 9/28, G05B 23/02**(11) **WO 00/16457** (13) A1

(21) PCT/US99/21086

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 09/154,875 **17 Sep/sep 1998** US
(17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● MAN-MACHINE INTERFACE FOR A VIRTUAL LOCKOUT/TAGOUT PANEL DISPLAY
● INTERFACE HOMME-MACHINE POUR UN AFFICHAGE VIRTUEL DE BLOCAGE D'UN AFFICHAGE DE MANOEUVRE/INTERDICTION DE MANOEUVRE(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).(72) **THOMAS, Robert, P.**; 21 Wells Road, Ellington, CT 06029 (US). **VANDEVANTER, John, S.**; 50 North Road, East Granby, CT 06026 (US). **BUTLAND, Geoff.**; 8 Fable Lane, Farmington, CT 06032 (US).(74) **CHASKIN, Jay, L.** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ **H02G 15/013**(11) **WO 00/16458** (13) A1

(21) PCT/DE99/01945

(22) **1 Jul/juil 1999 (01.07.1999)**

(25) de (26) de

(30) 198 42 422.1 **16 Sep/sep 1998** DE
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● JOINING ELEMENT FOR BRIDGING THE SEPARATING AREA OF A DIVIDED SEAL IN CABLE FITTINGS
● ELEMENT D'ASSEMBLAGE POUR PONTER LA ZONE DE DIVISION D'UN JOINT COUPE DANS UNE GARNITURE DE CABLE(71) **RXS KABELGARNITUREN GMBH** [DE/DE]; Profilst. 4, D-58093 Hagen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MÜLLER, Thorsten** [DE/DE]; Primelweg 7, D-58708 Menden (DE). **ZIMMER, Rainer** [DE/DE]; Im Strücken 72, D-58579 Schalksmühle (DE).(74) **RXS KABELGARNITUREN GMBH**; Zedlitz, Peter, Postfach 22 13 17, D-80503 München (DE).

(81) AU CA JP KR MX RU US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ **H02H 3/10**(11) **WO 00/16459** (13) A1

(21) PCT/DE99/02799

(22) **3 Sep/sep 1999 (03.09.1999)**

(25) de (26) de

(30) 198 42 470.1 **16 Sep/sep 1998** DE
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● FAULT-CURRENT PROTECTION DEVICE WITH AN OVERLOAD PROTECTION DEVICE

● DISPOSITIF DE PROTECTION CONTRE UN COURANT DIFFERENTIEL RESIDUEL AVEC DISJONCTEUR A SURINTENSITE

(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) **BAUER, Bernhard** [DE/DE]; Friedenstrasse 17, D-93053 Regensburg (DE). **KLEEMEIER, Manfred** [DE/DE]; Strassackerweg 1, D-93073 Neutraubling (DE).(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D-80506 München (DE).

(81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)⁷ **H02H 3/33, H01H 71/32**(11) **WO 00/16460** (13) A1

(21) PCT/DE99/02798

(22) **3 Sep/sep 1999 (03.09.1999)**

(25) de (26) de

(30) 198 42 469.8 **16 Sep/sep 1998** DE
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● PROTECTIVE CIRCUIT-BREAKER DEVICE
● DISPOSITIF DISJONCTEUR DE PROTECTION(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) **BAUER, Bernhard** [DE/DE]; Friedensstrasse 17, D-93053 Regensburg (DE).(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D-80506 München (DE).

(81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)⁷ **H02J 3/38, 3/30**(11) **WO 00/16461** (13) A1

(21) PCT/FR99/02180

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) fr (26) fr

(30) 98/11417 **14 Sep/sep 1998** FR
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) ● ELECTRIC POWER SUPPLY SYSTEM FOR AN ELECTRICAL EQUIPMENT
● SYSTEME D'ALIMENTATION EN ENERGIE ELECTRIQUE POUR APPAREILLAGE ELECTRIQUE(71) **L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE** [FR/FR]; 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).(72) **VEZINET, Marc**; 3, rue Amélie Ebrard, F-91230 Montgeron (FR). **GERARD, Jean**; 19, rue Maréchal Joffre, F-78000 Versailles (FR). **BLONDEL, Claude**; 16, rue Satory, F-78000 Versailles (FR).(74) **LE MOENNER, Gabriel**; L'air Liquide SA, 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).

(81) JP KR SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)⁷ **H02J 7/00**(11) **WO 00/16462** (13) A1

(21) PCT/US99/21652

(22) 17 Sep/sep 1999 (17.09.1999)

(25) en (26) en

(30) 09/156,559 17 Sep/sep 1998 US
(17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • BATTERY PACK CONTROLLER
• REGULATEUR D'ENSEMBLE PILE(71) **QUALCOMM INCORPORATED**
[US/US]; 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).(72) **VON NOVACK, William**; 9816 Regan Road #203, San Diego, CA 92126 (US).(74) **OGROD, Gregory, D.**; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ H02J 13/00

(11) WO 00/16463 (13) A1

(21) PCT/US99/21226

(22) 15 Sep/sep 1999 (15.09.1999)

(25) en (26) en

(30) 09/156,167 17 Sep/sep 1998 US
(17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • MAN-MACHINE INTERFACE FOR A CUSTOM TABULAR DISPLAY
• INTERFACE HOMME-MACHINE POUR AFFICHAGE TABULAIRE PERSONNALISE(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).(72) **THOMAS, Robert, P.**; 21 Wells Road, Ellington, CT 06029 (US).(74) **CHASKIN, Jay, L.** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ H02K

(11) WO 00/16464 (13) A2

(21) PCT/US99/15880

(22) 13 Jul/juil 1999 (13.07.1999)

(25) en (26) en

(30) 60/092,942 15 Jul/juil 1998 US
(15.07.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • CONTROL SYSTEM WITH INTEGRATED ACTUATION PACKAGE
• SYSTEME DE COMMANDE A GROUPE MOTEUR INTEGRE(71) **LUCAS AEROSPACE POWER TRANSMISSION** [US/US]; 211 Seward Avenue, P.O. Box 457, Utica, NY 13503 (US).(72) **CROKE, Steven, B.**; 39 Mulberry Street, Clinton, NY 13323 (US).(74) **HARTER, SECREST & EMERY LLP**; 700 Midtown Tower, Rochester, NY 14604 (US).

(81) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ H02K 1/18

(11) WO 00/16465 (13) A1

(21) PCT/US99/20813

(22) 9 Sep/sep 1999 (09.09.1999)

(25) en (26) en

(30) 09/151,005 10 Sep/sep 1998 US
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • STATOR BONDING NIB
• ERGOT DE LIAISON POUR STATOR(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).(72) **CAREY, Timothy, Wilbur**; 12313 Bay Heights Boulevard, Grabill, IN 46741 (US). **CAMPBELL, Elza, Lee**; 265 Persimmon Road, Ozark, MO 65721 (US). **DILLS, James, Charles**; 3240 South Roanoke, Springfield, MO 65807 (US).(74) **CHASKIN, Jay, L.** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

(81) BR CA CN CZ HU ID IN JP KR MX PL SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)⁶ H02K 3/487, 1/26

(11) WO 00/16466 (13) A1

(21) PCT/JP98/04157

(22) 16 Sep/sep 1998 (16.09.1998)

(25) ja (26) ja

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ROTATING ELECTRIC MACHINE
• APPAREIL ELECTRIQUE ROTATIF(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **AOYAMA, Hiroshi** [JP/JP]; Mechanical Engineering Research Laboratory, Hitachi, Ltd., 502, Kandatsumachi, Tsuchiura-shi, Ibaraki 300-0013 (JP). **HATTORI, Toshio** [JP/JP]; Mechanical Engineering Research Laboratory, Hitachi, Ltd., 502, Kandatsumachi, Tsuchiura-shi, Ibaraki 300-0013 (JP). **IGARASHI, Yoshiyuki** [JP/JP]; Hitachi Works, Hitachi, Ltd., 1-1, Saiwaicho 3-chome, Hitachi-shi, Ibaraki 317-8511 (JP).(74) **OGAWA, Katsuo**; Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220 (JP).

(81) AU CA JP KR SG US.

(51)⁶ H02K 9/06

(11) WO 00/16467 (13) A1

(21) PCT/JP98/04120

(22) 11 Sep/sep 1998 (11.09.1998)

(25) ja (26) ja

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ALTERNATING CURRENT GENERATOR FOR VEHICLES
• GENERATEUR DE COURANT ALTERNATIF POUR VEHICULES(71) **mitsubishi denki kabushiki kaisha** [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **OOHASHI, Atsushi** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **ASAO, Yoshihito** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **NAKASHIMA, Shinji** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).(74) **SOGA, Michiteru** et al. / etc.; S. Soga & Co., Kokusai Building, 8th floor, 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ H02K 41/03

(11) WO 00/16468 (13) A1

(21) PCT/EP99/06633

(22) 9 Sep/sep 1999 (09.09.1999)

(25) de (26) de

(30) 198 42 384.5 16 Sep/sep 1998 DE
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) ● LINEAR GUIDE
● GUIDE LINEAIRE

(71) **INA WÄLZLAGER SCHAEFFLER OHG** [DE/DE]; Industriestrasse 1-3, D-91074 Herzogenaurach (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BAALMANN, Klaus** [DE/DE]; Schulstrasse 73, D-66894 Wiesbach (DE). **LUTZ, Peter** [DE/DE]; Neuwoogstrasse 17a, D-66877 Miesebach (DE). **RUFFING, Roland** [DE/DE]; Jägersburger Strasse 2, D-66450 Bexbach (DE). **RUDY, Dietmar** [DE/DE]; Pfaffstrasse 1, D-67655 Kaiserslautern (DE).

(81) DE US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ H02M 3/158

(11) WO 00/16469 (13) A1

(21) PCT/DE99/02810

(22) 4 Sep/sep 1999 (04.09.1999)

(25) de (26) de

(30) 198 41 341.6 10 Sep/sep 1998 DE (10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) ● STEP-DOWN CONSTANT-CURRENT TRANSFORMER

- TRANSFORMATEUR A COURANT CONSTANT, ABAISSEUR DE TENSION

(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) **DITTMER, Bernd** [DE/DE]; Mühlhäuser Strasse 50, D-71640 Ludwigsburg-Ossweil (DE). **GRONBACH, Roman** [DE/DE]; Banater Strasse 43, D-70825 Korntal (DE).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)⁷ H02M 3/335

(11) WO 00/16470 (13) A1

(21) PCT/DE99/02730

(22) 1 Sep/sep 1999 (01.09.1999)

(25) de (26) de

(30) 198 42 451.5 16 Sep/sep 1998 DE (16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) ● CIRCUIT AND METHOD FOR AUTOMATIC RECTIFICATION IN CONVERTERS

- ENSEMBLE CIRCUIT ET PROCEDE POUR LE REDRESSEMENT AUTOREGULE DANS DES CONVERTISSEURS

(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) **BRAKUS, Bogdan** [DE/DE]; Peter-Dörfner-Strasse 3, D-82131 Stockdorf (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D-80506 München (DE).

(81) BR CN US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)⁷ H02M 7/25

(11) WO 00/16471 (13) A1

(21) PCT/US99/21340

(22) 16 Sep/sep 1999 (16.09.1999)

(25) en (26) en

(30) 60/100,506 16 Sep/sep 1998 US (16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) ● POWER SUPPLYER FOR AMPLIFIERS
● ALIMENTATION ELECTRIQUE POUR AMPLIFICATEURS

(71) **CROWN INTERNATIONAL, INC.** [US/US]; 1718 W. Mishawaka Road, Elkhart, IN 46151 (US).

(72) **STANLEY, Gerald, R.**; 59766 Beech Road, Osceola, IN 46561 (US).

(74) **GROEN, Eric, J.** et al. / etc.; Baker & Daniels, Suite 250, 205 West Jefferson Boulevard, South Bend, IN 46601 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁶ H02P 8/02, 8/12, 8/16, G04C 3/14, 10/00, G04G 1/00

(11) WO 00/16472 (13) A1

(21) PCT/JP99/04947

(22) 10 Sep/sep 1999 (10.09.1999)

(25) ja (26) ja

(30) 10/257235 10 Sep/sep 1998 JP (10.09.1998)

(30) 11/131835 12 May/mai 1999 JP (12.05.1999)

(30) 11/131834 12 May/mai 1999 JP (12.05.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) ● STEPPER MOTOR DRIVER, METHOD OF DRIVING STEPPER MOTOR, TIMER, AND METHOD OF CONTROLLING TIMER

- DISPOSITIF D'ENTRAINEMENT POUR MOTEUR PAS-A-PAS, TECHNIQUE D'ENTRAINEMENT DE CE TYPE DE MOTEUR, TEMPORISATEUR ET TECHNIQUE DE COMMANDE DE CELUI-CI

(71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo 163-0811 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AKAHANE, Hidehiro** [JP/JP]; Seiko Epson Corporation 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). **NAKAMIYA, Shinji** [JP/JP]; Seiko Epson Corporation 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). **ILJIMA, Yoshitaka** [JP/JP]; Seiko Epson Corporation 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). **IIDA, Kenji** [JP/JP]; Seiko Epson Corporation 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). **FURUKAWA, Tsuneaki** [JP/JP]; Seiko Epson Corporation 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP).

(74) **KAWASAKI, Kenji**; Asahi Patent Office, 5th floor, Yaemasuya Building, 2-16, Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0027 (JP).

(81) CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁶ H03F 1/26, H03G 3/20

(11) WO 00/16473 (13) A1

(21) PCT/US99/19558

(22) 27 Aug/août 1999 (27.08.1999)

(25) en (26) en

(30) 09/154,270 16 Sep/sep 1998 US (16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) ● APPARATUS AND METHOD FOR LINEAR POWER AMPLIFICATION

- APPAREIL ET PROCEDE D'AMPLIFICATION DE PUISSANCE LINEAIRE

(71) **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **CLARK, Joseph, Lynn**; 3813 Bigleaf Lane, Fort Worth, TX 76137 (US).

(74) **DONATO, Mario, J., Jr.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 5401 North Beach Street/MS E230, Fort Worth, TX 76137 (US).

(81) BR CA CN IL JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ H03F 1/32, 1/02

(11) WO 00/16474 (13) A1

(21) PCT/SE99/01621

(22) 17 Sep/sep 1999 (17.09.1999)

(25) en (26) en

(30) 09/154,502 17 Sep/sep 1998 US
(17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD AND APPARATUS FOR PREVENTING POWER AMPLIFIER SATURATION

• PROCEDE ET APPAREIL DE PREVENTION DE SATURATION D'UN AMPLIFICATEUR DE PUISSANCE

(71) TELEFONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; S-126 25 Stockholm (SE).

(72) HANSSON, Thomas; Gunnesbovägen 75, S-226 54 Lund (SE).

(74) ERICSSON MOBILE COMMUNICATIONS AB; IPR Department, S-221 83 Lund (SE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ H03F 1/32, 3/60

(11) WO 00/16475 (13) A1

(21) PCT/US99/20507

(22) 9 Sep/sep 1999 (09.09.1999)

(25) en (26) en

(30) 09/154,770 17 Sep/sep 1998 US
(17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • IN-LINE, UNBALANCED AMPLIFIER, PRE-DISTORTION CIRCUIT

• CIRCUIT DE PRE-DISTORSION EN LIGNE, A AMPLIFICATEUR NON EQUILIBRE

(71) GENERAL INSTRUMENT CORPORATION [US/US]; 101 Tournament Drive, Horsham, PA 19044 (US).

(72) ZHOE, Shutong; 350 Abbey Lane, Lansdale, PA 19446 (US).

(74) KANANEN, Ronald, P.; Rader Fishman & Grauer PLLC, Suite 501, 1233 20th Street, NW, 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 GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ H03F 1/52, H02H 5/04

(11) WO 00/16476 (13) A1

(21) PCT/US99/20938

(22) 13 Sep/sep 1999 (13.09.1999)

(25) en (26) en

(30) 09/152,371 14 Sep/sep 1998 US
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • SYSTEM AND METHOD FOR OUTPUT POWER COMPENSATION FOR ACTUAL DEVICE TEMPERATURE

• SYSTEME ET PROCEDE POUR LA COMPENSATION DE LA PUISSANCE DE SORTIE POUR LA TEMPERATURE REELLE D'UN DISPOSITIF

(71, 72) LAUREANTI, Steven, J. [US/US]; 2036 Briarcliff Road, Lewisville, TX 75067 (US). KETONEN, Veli-Pekka [FI/US]; 1217 Meadow Creek Drive, Apartment D, Irving, TX 75038 (US).

(74) LYNCH, David, W.; Altera Law Group, 10749 Bren Road East, Opus 2, Minneapolis, MN 55343 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁶ H03G 3/10

(11) WO 00/16477 (13) A1

(21) PCT/US99/19369

(22) 23 Aug/août 1999 (23.08.1999)

(25) en (26) en

(30) 09/153,799 15 Sep/sep 1998 US
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • A LOAD LIMITING CIRCUIT AND METHOD FOR LIMITING THE OUTPUT IMPEDANCE SEEN BY AN AMPLIFIER

• CIRCUIT LIMITEUR DE CHARGE ET PROCEDE VISANT A LIMITER L'IMPEDANCE DE SORTIE DETECTEE PAR UN AMPLIFICATEUR

(71) MOTOROLA INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) ANDERSON, Dale, Robert; 6740 Mesa Drive, Fort Worth, TX 76180 (US). ASHBRANER, James, Orah; 8505 Crestview Drive, Fort Worth, TX 76180 (US).

(74) DONATO, Mario, J., Jr. et al. / etc.; Motorola Inc., Intellectual Property Dept., 5401 North Beach Street/MS E230, Fort Worth, TX 76137 (US).

(81) BR CA CN IL JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ H03H 9/25, C30B 29/34

(11) WO 00/16478 (13) A1

(21) PCT/JP99/04985

(22) 13 Sep/sep 1999 (13.09.1999)

(25) ja (26) ja

(30) 10/260509 14 Sep/sep 1998 JP
(14.09.1998)(30) 10/351656 10 Dec/déc 1998 JP
(10.12.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • SURFACE ACOUSTIC WAVE DEVICE
• DISPOSITIF DE TRAITEMENT DES ONDES ACOUSTIQUES DE SURFACE

(71) TDK CORPORATION [JP/JP]; 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-0011 (JP).

(72) INOUE, Kenji; TDK Corporation, 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-0011 (JP). SATO, Katsuo; TDK Corporation, 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-0011 (JP). MORIKOSHI, Hiroki; TDK Corporation, 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-0011 (JP). KAWASAKI, Katsumi; TDK Corporation, 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-0011 (JP). UCHIDA, Kiyoshi; TDK Corporation, 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-0011 (JP).

(74) NAKAMURA, Minoru et al. / etc.; Shin-Tokyo Building, Room 646, 3-1, Marunouchi 3-chome, Chiyoda-Ku, Tokyo 1k0-8355 (JP).

(81) CN JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ H03H 11/48

(11) WO 00/16479 (13) A1

(21) PCT/US99/19462

(22) 27 Aug/août 1999 (27.08.1999)

(25) en (26) en

(30) 09/153,952 16 Sep/sep 1998 US
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ELECTRONIC INDUCTOR CIRCUIT USING CASCODED TRANSISTORS

• CIRCUIT D'INDUCTEUR ELECTRONIQUE UTILISANT DES TRANSISTORS EN CASCADE

(71) CONEXANT SYSTEMS, INC. [US/US]; Joseph King, 4311 Jamboree Road, Newport Beach, CA 92660-3095 (US).

(72) JARCY, Michael, J.; 2381 Sunningbale Drive, Tustin, CA 92708 (US).

(74) GESS, Albin, H.; Price, Gess & Ubell, 2100 S.E. Main Street, Suite 250, Irvine, CA 92614 (US).

(81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁶ **H03K 9/00**

(11) **WO 00/16480** (13) A1

(21) PCT/US98/19270

(22) **16 Sep/sep 1998 (16.09.1998)**

(25) en (26) en

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • LOCATION REPORTING SATELLITE PAGING SYSTEM WITH OPTIONAL BLOCKING OF LOCATION REPORTING

• SYSTEME DE RECHERCHE DE PERSONNES PAR SATELLITE AVEC INDICATION DE LOCALISATION, DOTE D'UNE POSSIBILITE DE BLOCAGE DE CETTE INDICATION

(71, 72) **FOMUKONG, Mundi** [CM/US]; 10853 Rose Ave. #49, West Los Angeles, CA 90034 (US). **CHESNEY, Deniz** [US/US]; 57 Ozone Ave., Venice, CA 90291 (US).

(74) **FOMUKONG, Mundi**; 10853 Rose Avenue #49, West Los Angeles, CA 90034 (US).

(81) AT AU BR CA CH CN DE DK ES GB GH HU ID IL JP KR LU MX PL RU SE SG US; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **H03K 17/082**

(11) **WO 00/16481** (13) A2

(21) PCT/DE99/02830

(22) **7 Sep/sep 1999 (07.09.1999)**

(25) de (26) de

(30) 198 42 045.5 **14 Sep/sep 1998 (14.09.1998)** DE

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR PROTECTING A CONTROLLABLE, NON-LOCKING SEMICONDUCTOR SWITCHING ELEMENT AND CORRESPONDING PROTECTIVE CIRCUIT

• PROCEDE POUR PROTEGER UN ELEMENT DE COMMUTATION A SEMICONDUCTEUR, SANS VERROUILLAGE ET POUVANT ETRE COMMANDE, ET CIRCUIT DE PROTECTION CORRESPONDANT

(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) **SOMMER, Rainer** [DE/DE]; Im Kirchgarten 14 B, D-91336 Heroldsbach (DE). **ZAISER, Georg** [DE/DE]; Felix-Klein-Strasse 72, D-91058 Erlangen (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 12 16 34, D-80506 München (DE).

(81) CN NO US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁶ **H03K 17/68, H02K 33/00**

(11) **WO 00/16482** (13) A1

(21) PCT/AU99/00783

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) en (26) en

(30) PP 5935 **16 Sep/sep 1998 (16.09.1998)** AU

(30) PP 7120 **13 Nov/nov 1998 (13.11.1998)** AU

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • FREQUENCY CONTROL OF LINEAR MOTORS

• REGULATION DE LA FREQUENCE DE MOTEURS ELECTRIQUES LINEAIRES

(71) **MICRO COMPRESSORS TECHNOLOGY PTY. LIMITED**

[AU/AU]; 9 Supply Court, Arundel, QLD 4214 (AU).

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(72, 75) **DIMANSTEIN, Isaac** [AU/AU]; 3 Muston Court, Carrara, QLD 4211 (AU).

(74) **MAXWELL, Peter, Francis**; Peter Maxwell & Associates, Level 6, 60 Pitt Street, Sydney, NSW 2000 (AU).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁶ **H03K 19/0948**

(11) **WO 00/16483** (13) A1

(21) PCT/US99/20523

(22) **7 Sep/sep 1999 (07.09.1999)**

(25) en (26) en

(30) 09/151,177 **10 Sep/sep 1998 (10.09.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • A METHOD AND APPARATUS FOR REDUCING STANDBY LEAKAGE CURRENT USING A TRANSISTOR STACK EFFECT

• PROCEDE ET APPAREIL DE REDUCTION DE COURANT DE FUITE EN MODE D'ATTENTE GRACE A UN EFFET DE SUPERPOSITION DE TRANSISTOR

(71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

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(72, 75) **DE, Vivek, K.** [IN/US]; 9785 S.W. 151st Avenue, Beaverton, OR 97007 (US). **YE, Yibin** [CN/US]; Apartment #130, 15852 N.W. West Union Road, Portland, OR 97229 (US).

(74) **MILLIKEN, Darren, J.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **H03M 5/14, G11B 20/14, H04L 25/49**

(11) **WO 00/16484** (13) A1

(21) PCT/US99/21173

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) 60/100,264 **14 Sep/sep 1998 (14.09.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ENCODING AND DECODING TECHNIQUES FOR DATA IN 24 BIT SEQUENCES

• PROCEDES DE CODAGE ET DE DECODAGE DE DONNEES DANS DES SEQUENCES DE 24 BITS

(71) **SEAGATE TECHNOLOGY, INC.** [-/US]; 920 Disc Drive, Scotts Valley, CA 95066 (US).

(72) **TSANG, Kinhing, P.**; 10310 28th Avenue North, Plymouth, MN 55441 (US). **RUB, Bernardo**; 6608 Scandia Road, Edina, MN 55439 (US).

(74) **CHAMPLIN, Judson, K.**; Westman, Champlin & Kelly, P.A., International Centre, Suite 1600, 900 Second Avenue South, Minneapolis, MN 55402-3319 (US) et al. / etc.

(81) CN DE GB JP KR SG.

Published / Publiée : (c)

(51)⁷ **H03M 7/30, G10L 19/00**

(11) **WO 00/16485** (13) A1

(21) PCT/EP99/06775

(22) **13 Sep/sep 1999 (13.09.1999)**

(25) en (26) en

(30) 9819992.0 **15 Sep/sep 1998 (15.09.1998)** GB

- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • SPEECH CODER FOR A COMMUNICATIONS SYSTEM AND METHOD FOR OPERATION THEREOF
• CODEUR DE VOIX DESTINE A UN SYSTEME DE COMMUNICATION ET SON PROCEDE D'ACTIONNEMENT
- (71) **MOTOROLA LIMITED** [GB/GB]; Jays Close, Viables Industrial Estate, Basingstoke, Hampshire RG22 4PD (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CHAN, Dominic, Sai, Fan** [GB/GB]; 6A Hawarden Road, Walthamstow, London E17 6NS (GB).
- (74) **HUDSON, Peter** et al. / etc.; Motorola, European Intellectual Property Operations, Midpoint, Alencon Link, Basingstoke, Hampshire RG21 7PL (GB).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁶ **H03M 7/40, G06F 7/00, 7/38**
- (11) **WO 00/16486** (13) A1
- (21) PCT/US98/20397
- (22) **30 Sep/sep 1998 (30.09.1998)**
- (25) en (26) en
- (30) 60/100,406 **15 Sep/sep 1998 (15.09.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • VARIABLE-LENGTH, HIGH-SPEED ASYNCHRONOUS DECODER CIRCUIT
• CIRCUIT DECODEUR ASYNCHRONE A GRANDE VITESSE ET DE LONGUEUR VARIABLE
- (71) **THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK** [US/US]; 116th Street and Broadway, New York, NY 10027 (US). **THE TRUSTEES OF PRINCETON UNIVERSITY** [US/US]; Princeton University, P.O. Box 36, Princeton, NJ 08544-0036 (US).
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- (72, 75) **BENES, Martin** [CZ/US]; Apartment 303, 1541 Oxford Street, Berkeley, CA 94709 (US). **NOWICK, Steven, M.** [US/US]; Apartment 16C, 560 Riverside Drive, New York, NY 10027 (US). **WOLFE, Andrew** [US/US]; 108 Leewood Court, Los Gatos, CA 95032 (US).
- (74) **TANG, Henry** et al. / etc.; Baker & Botts, LLP, 30 Rockefeller Plaza, New York, NY 10112-0228 (US).
- (81) CA JP MX US.
-
- (51)⁷ **H03M 11/24**
- (11) **WO 00/16487** (13) A1
- (21) PCT/US99/20727
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 09/152,879 **14 Sep/sep 1998 (14.09.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • CIRCUIT FOR TIME-SHARING OF CONFIGURABLE I/O PINS
• CIRCUIT UTILISANT EN TEMPS PARTAGE DES BROCHES D'E/S CONFIGURABLES
- (71) **SQUARE D COMPANY** [US/US]; 1415 South Roselle Road, Palatine, IL 60067 (US).
- (72) **MASON, Robert, Charles**; 4549 Birmingham Way, Raleigh, NC 27604 (US).
- (74) **GOLDEN, Larry, I.**; General Patent Counsel, Square D Company, 1415 South Roselle Road, Palatine, IL 60067 (US).
- (81) CA MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)⁷ **H03M 13/00, H04L 1/20, H04B 1/713, H03M 13/15, 13/45**
- (11) **WO 00/16488** (13) A1
- (21) PCT/US99/20609
- (22) **8 Sep/sep 1999 (08.09.1999)**
- (25) en (26) en
- (30) 09/150,526 **10 Sep/sep 1998 (10.09.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD AND APPARATUS FOR ERRORS AND ERASURES DECODING
• PROCEDE ET APPAREIL DE DECODAGE D'ERREURS ET EFFACEMENTS
- (71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).
- (72) **DENT, Paul**; 637 Eagle Point Road, Pittsboro, NC 27312 (US). **HASSAN, Amer**; 12623 N.E. 107th Street, Kirkland, WA 98033 (US). **STARK, Wayne**; 3658 Wellington Cross, Ann Arbor, MI 48105-3044 (US).
- (74) **MOORE, Stanley, R.** et al. / etc.; Jenkins & Gilchrist, P.C., Suite 3200, 1445 Ross Avenue, Dallas, TX 75202 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **H04B**
- (11) **WO 00/16489** (13) A2
- (21) PCT/IL99/00500
- (22) **14 Sep/sep 1999 (14.09.1999)**
- (25) en (26) en
- (30) 60/100,632 **16 Sep/sep 1998 (16.09.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • WIRELESS OPTICAL COMMUNICATIONS WITHOUT ELECTRONICS
• COMMUNICATIONS OPTIQUES SANS FIL SANS SIGNAUX ELECTRONIQUES
- (71) **JOLT LTD.** [IL/IL]; Hamarpeh Street 8, 97774 Jerusalem (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MEDVED, David** [IL/IL]; Marcus Street 18, 92233 Jerusalem (IL). **DAVIDOVICH, Leonid** [IL/IL]; Givat Hamatos Street 72/1, 91000 Jerusalem (IL).
- (74) **FREIDMAN, Mark, M.**; Beit Samueloff, Haomanim Street 7, 67897 Tel Aviv (IL).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **H04B 1/16, H04L 25/06, 27/14, 27/50**
- (11) **WO 00/16490** (13) A1
- (21) PCT/SE99/01535
- (22) **3 Sep/sep 1999 (03.09.1999)**
- (25) en (26) en
- (30) 9803133-9 **15 Sep/sep 1998 (15.09.1998)** SE
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD AND ARRANGEMENT IN A RADIO RECEIVER

- PROCEDE ET DISPOSITIF POUR UN RECEPTEUR RADIO
- (71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).
- (72) **KORSFELDT, Dan;** Älvdalsvägen 55, S-165 75 Hässelby (SE).
- (74) **ERICSSON RADIO SYSTEMS AB;** Common Patent Dept., S-164 80 Stockholm (SE).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (a)
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- (51)⁶ **H04B 1/16, 7/00, H04J 3/24, G08B 5/22**
- (11) **WO 00/16491** (13) A1
- (21) PCT/US99/20800
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 60/100,036 **11 Sep/sep 1998** US (11.09.1998)
- (30) 09/283,352 **31 Mar/mar 1999** US (31.03.1999)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD FOR TRANSMITTING AND RECEIVING ADDRESS INFORMATION WITHIN A COMMUNICATION SYSTEM
- PROCEDE D'EMISSION ET DE RECEPTION D'INFORMATIONS D'ADRESSE DANS UN SYSTEME DE COMMUNICATION
- (71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (72) **WILLEY, William, Daniel;** 923 N. Dunton Avenue, Arlington Heights, IL 60004 (US).
- (74) **HAAS, Kenneth, A.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (81) BR JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (a)
-
- (51)⁷ **H04B 1/30, 1/40**
- (11) **WO 00/16492** (13) A1
- (21) PCT/US99/20792
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 60/099,723 **10 Sep/sep 1998** US (10.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • A SINGLE-CHIP CMOS DIRECT-CONVERSION TRANSCEIVER
- EMETTEUR-RECEPTEUR CMOS MONOPUCE A CONVERSION DIRECTE
- (63) US 60/099,723 (CON) 10 Sep/sep 1998 (10.09.1998)
- (71) **LEVEL ONE COMMUNICATIONS, INC.** [US/US]; 9750 Goethe Road, Sacramento, CA 95827 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MACNALLY, Donald, Evan** [US/US]; 141 Bronte Street, San Francisco, CA 94110 (US). **CHO, Thomas, B.** [US/US]; 356 Oleander Avenue, Alameda, CA 94502 (US). **RABII, Shahriar** [US/US]; 2162 Stauton Court, Palo Alto, CA 94306 (US). **MEHTA, Srenik, Suresh** [US/US]; 1468 8th Avenue, San Francisco, CA 94122 (US). **NILSON, Christopher, Donald** [US/US]; 170 South 14th Street, San Jose, CA 95112 (US). **MACK, Michael, Peter** [US/US]; 3114 Clay Street #1, San Francisco, CA 94115 (US). **PLOUVIER, Laurence, Marguerite** [US/US]; 141 Bronte Street, San Francisco, CA 94110 (US). **MARRINGA, Menno** [NL/US]; 25 Conrad Street, San Francisco, CA 94131 (US). **DUKATZ, Eric, S.** [US/US]; Apartment 2, 1012 Kirkham Street, San Francisco, CA 94122 (US).
- (74) **BRUESS, Steven, C.;** Merchant & Gould P.C., 3100 Norwest Center, 90 South Seventh Street, Minneapolis, MN 55402-4131 (US).
- (81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **H04B 1/38**
- (11) **WO 00/16493** (13) A1
- (21) PCT/US99/21659
- (22) **16 Sep/sep 1999 (16.09.1999)**
- (25) en (26) en
- (30) 60/100,716 **17 Sep/sep 1998** US (17.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • MOLDABLE TRANSCEIVER FOR USE WITH APPAREL
- EMETTEUR-RECEPTEUR MODULABLE A UTILISER AVEC UN VETEMENT
- (71) **TRAKUS, INC.** [US/US]; Suite 112, 35 Medford Street, Somerville, MA 02143 (US).
- (72) **WADELL, Brian, C.;** 73 Mount Vernon Street, Reading, MA 01867 (US). **POULETTE, James, A.;** 9 Washington Street, Apartment 1, Ayer, MA 01432 (US).
- (74) **GIANNETTA, Michael, J.;** Testa, Hurwitz & Thibeault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **H04B 1/707**
- (11) **WO 00/16495** (13) A1
- (21) PCT/DE99/02156
- (22) **13 Jul/juil 1999 (13.07.1999)**
- (25) de (26) de

(30) 198 41 578.8 **11 Sep/sep 1998** DE
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD AND DEVICE FOR DETECTING CDMA-CODED SIGNALS
• PROCEDE ET DISPOSITIF DE DETECTION DE SIGNAUX A CODAGE AMRC

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).
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(72, 75) **KOWALEWSKI, Frank** [DE/DE]; Schierke 16, D-38228 Salzgitter (DE).

(81) AU BR HU JP KR PL RU US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)⁷ **H04B 3/00**

(11) **WO 00/16496** (13) A2

(21) PCT/DE99/02743

(22) **1 Sep/sep 1999 (01.09.1999)**

(25) de (26) de

(30) 198 42 226.1 **15 Sep/sep 1998** DE
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ARRANGEMENT AND METHOD FOR FORMING AN OVERALL SIGNAL, DEVICE AND METHOD FOR FORMING A CURRENT SIGNAL AND A FIRST COMMUNICATION SIGNAL, COMMUNICATION SYSTEM AND METHOD FOR TRANSMITTING A FIRST OVERALL SIGNAL AND A SECOND OVERALL SIGNAL

• DISPOSITIF ET PROCEDE POUR LA FORMATION D'UN SIGNAL GLOBAL, DISPOSITIF ET PROCEDE POUR LA FORMATION D'UN SIGNAL DE COURANT ET D'UN PREMIER SIGNAL DE COMMUNICATION, SYSTEME DE COMMUNICATION ET PROCEDE POUR LA TRANSMISSION D'UN PREMIER SIGNAL GLOBAL ET D'UN SECOND SIGNAL GLOBAL

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).
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(72, 75) **MEUSLING, Askold** [DE/DE]; Marschall 51C, D-83607 Holzkirchen (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D-80506 München (DE).

(81) CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ **H04B 3/23, H04M 9/08**

(11) **WO 00/16497** (13) A1

(21) PCT/US99/21543

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 09/156,728 **17 Sep/sep 1998** US
(17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ECHO CANCELER ADAPTIVE FILTER OPTIMIZATION
• OPTIMISATION DU FILTRE ADAPTATIF D'UN SUPPRESSEUR D'ECHOS

(71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).

(72) **ROMESBURG, Eric, D.**; 18 Rocky Knolls Road, Chapel Hill, NC 27516 (US).

(74) **MOORE, Stanley, R.** et al. / etc.;; Jenkens & Gilchrist, P.C., Suite 3200, 1445 Ross Avenue, Dallas, TX 75202 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **H04B 7/005, H04L 1/00**

(11) **WO 00/16498** (13) A1

(21) PCT/US99/21131

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 09/153,631 **15 Sep/sep 1998** US
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD AND APPARATUS FOR DYNAMICALLY SWITCHING BETWEEN SPEECH CODING TECHNIQUES

• PROCEDE ET APPAREIL DE COMMUTATION DYNAMIQUE ENTRE DES TECHNIQUES DE CODAGE DE LA PAROLE

(71) **CONEXANT SYSTEMS, INC.** [US/US]; IP Dept. 510-900, 4311 Jamboree Road, Newport Beach, CA 92660-3095 (US).

(72) **YOUNES, Karim**; Apt. #4, 251 Lower Cliff Drive, Laguna Beach, CA 92651 (US).
ANDERTON, David, O.; 18 Sillero, Rancho Santa Margarita, CA 92688 (US).

(74) **NATAUPSKY, Steven, J.**; Knobbe, Martens, Olson & Bear, LLP, Sixteenth floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).

(81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)⁶ **H04B 7/06, 7/10, H01Q 3/26**

(11) **WO 00/16499** (13) A1

(21) PCT/JP99/04573

(22) **25 Aug/août 1999 (25.08.1999)**

(25) ja (26) ja

(30) 10/258354 **11 Sep/sep 1998** JP
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD OF DIRECTIVE TRANSMISSION AND DIRECTIVITY-CONTROLLED COMMUNICATION DEVICE

• PROCEDE DE TRANSMISSION DIRECTIVE ET DISPOSITIF DE COMMUNICATION A COMMANDE DE DIRECTIVITE

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

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(72, 75) **IDE, Minako** [JP/JP]; 2-4-10-102, Kajigaya, Sakae-ku, Yokohama-shi, Kanagawa 247-0009 (JP).
HIRAMATSU, Katsuhiko [JP/JP]; 4-21-4-102, Kurihama, Yokosuka-shi, Kanagawa 239-0831 (JP).

(74) **WASHIDA, Kimihito**; Shintoshicenter Building, 5th floor, 24-1, Tsurumaki 1-chome, Tama-shi, Tokyo 206-0034 (JP).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **H04B 7/08, H04L 1/06**

(11) **WO 00/16500** (13) A1

(21) PCT/US99/18924

(22) **17 Aug/août 1999 (17.08.1999)**

(25) en (26) en

(30) 09/153,110 **15 Sep/sep 1998** US
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR REFERENCE SIGNAL GENERATION IN THE PRESENCE OF FREQUENCY OFFSETS IN A COMMUNICATIONS STATION WITH SPATIAL PROCESSING

• PROCEDE DE GENERATION DE SIGNAL DE REFERENCE EN PRESENCE DE DECALAGES DE FREQUENCES DANS UNE STATION DE COMMUNICATIONS AVEC TRAITEMENT SPATIAL

- (71) **ARRAYCOMM, INC.** [US/US]; 3141 Zanker Road, San Jose, CA 95134 (US).
- (72) **PETRUS, Paul**; 555 E. Washington Avenue #1503, Sunnyvale, CA 94086 (US). **CHIODINI, Alain, M.**; 2134 Jardin Drive, Mountain View, CA 94040 (US). **TROTT, Mitchell, D.**; 318 Central Avenue, Mountain View, CA 94043 (US). **PARISH, David, M.**; 614 Torwood Lane, Los Altos, CA 94022 (US). **YOUSSEFMIR, Michael**; 679 Stanford Avenue, Palo Alto, CA 94036 (US). **ROSENFELD, Dov**; 5566 Lawton Avenue, Oakland, CA 94618 (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) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁶ **H04B 7/216, G10L 9/14**
- (11) **WO 00/16501** (13) A1
- (21) PCT/US99/19217
- (22) **24 Aug/août 1999 (24.08.1999)**
- (25) en (26) en
- (30) 09/151,430 **11 Sep/sep 1998 (11.09.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD AND APPARATUS FOR CODING AN INFORMATION SIGNAL
• PROCEDE ET APPAREIL DE CODAGE D'UN SIGNAL D'INFORMATIONS
- (71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (72) **ASHLEY, James, P.**; 1816 Arabian Avenue, Naperville, IL 60565 (US). **PENG, Weimin**; 2230 Fieldcrest Road, Mundelein, IL 60060 (US).
- (74) **SONNENTAG, Richard, A.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (81) BR JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **H04B 7/26**
- (11) **WO 00/16502** (13) A1
- (21) PCT/DE99/02892
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) de (26) de
- (30) 198 41 469.2 **10 Sep/sep 1998 (10.09.1998)** DE
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD AND RADIO COMMUNICATIONS DEVICE FOR SYNCHRONIZING SUBSCRIBER STATIONS
• PROCEDE ET SYSTEME DE RADIOCOMMUNICATION POUR SYNCHRONISER DES POSTES D'ABONNES
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).
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- (72, 75) **KOTTKAMP, Meik** [DE/DE]; Hirsch-Gereuth-Strasse 54, D-81369 München (DE). **FÄRBER, Michael** [DE/DE]; Schiessstättstrasse 12A, D-82515 Wolfratshausen (DE). **SOMMER, Volker** [DE/DE]; Schwabstedter Weg 6, D-13503 Berlin (DE). **BENZ, Michael** [DE/DE]; Schuckertdamm 328, D-13629 Berlin (DE). **KLEIN, Anja** [DE/DE]; Paderborner Strasse 8, D-10709 Berlin (DE). **SITTE, Armin** [DE/DE]; Prenzlauer Allee 237, D-10405 Berlin (DE). **ULRICH, Thomas** [DE/DE]; Sandhauser Strasse 109B, D-13505 Berlin (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D-80506 München (DE).
- (81) BR CN ID IN JP KR MX RU US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)⁷ **H04B 10/10, 10/00**
- (11) **WO 00/16503** (13) A1
- (21) PCT/CA99/00826
- (22) **9 Sep/sep 1999 (09.09.1999)**
- (25) en (26) en
- (30) 09/150,242 **10 Sep/sep 1998 (10.09.1998)** US
- (30) 09/356,046 **16 Jul/juיל 1999 (16.07.1999)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • FREE SPACE OPTICAL INTERCONNECT SYSTEM
• SYSTEME D'INTERCONNEXION OPTIQUE SANS CONTRAINTE D'ESPACE
- (71) **NORTEL NETWORKS CORPORATION** [CA/CA]; World Trade Center of Montreal, 8th floor, 380 St. Antoine Street West, Montreal, Quebec H2Y 3Y4 (CA).
- (72) **GOODWILL, Dominic, John**; 32 Spruce Meadows Drive, Kanata, Ontario K2M 2K5 (CA).
- (74) **DONNELLY, Victoria**; Nortel Networks Corporation, Intellectual Property Law Group, P.O. Box 3511, Station "C", Ottawa, Ontario K1Y 4H7 (CA).
- (81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁶ **H04B 17/00**
- (11) **WO 00/16504** (13) A1
- (21) PCT/EP98/05893
- (22) **16 Sep/sep 1998 (16.09.1998)**
- (25) en (26) en
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • A METHOD OF BASE STATION RECONFIGURATION
• PROCEDE DE RECONFIGURATION D'UNE STATION DE BASE
- (71) **NOKIA NETWORKS OY** [FI/FI]; P.O. Box 300, FIN-00045 Nokia Group (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VIRTANEN, Terhi** [FI/FI]; Nokia Telecommunications Oy, P.O. Box 319, FIN-90651 Oulu (FI).
- (74) **PELLMANN, Hans-Bernd**; Tiedtke-Bühling-Kinne, Bavariaring 4, D-80336 München (DE).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **H04H 1/00**
- (11) **WO 00/16505** (13) A1
- (21) PCT/FI99/00753
- (22) **14 Sep/sep 1999 (14.09.1999)**
- (25) en (26) en
- (30) 981985 **15 Sep/sep 1998 (15.09.1998)** FI
- (30) 990070 **15 Jan/jan 1999 (15.01.1999)** FI
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • WIRELESS COMMUNICATIONS SYSTEM WITH BROADCASTING TRANSMITTER
• SYSTEME DE COMMUNICATION AVEC EMETTEUR DE RADIODIFFUSION
- (71) **DOMIRAS OY** [FI/FI]; Eteläesplanadi 14, FIN-00130 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MÄKIPÄÄ, Risto** [FI/FI]; Ylätie 11, FIN-50670 Otava (FI).
- (74) **KOLSTER OY AB**; Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(21) PCT/US99/20299

(22) 2 Sep/sep 1999 (02.09.1999)

(25) en (26) en

(30) 09/153,637 15 Sep/sep 1998 US (15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD AND APPARATUS FOR AM COMPATIBLE DIGITAL BROADCASTING WITH A PERIODIC TRAINING SEQUENCE

• RADIODIFFUSION NUMERIQUE COMPATIBLE MODULATION D'AMPLITUDE A SEQUENCE D'APPRENTISSAGE PEIRODIQUE, ET DISPOSITIF A CET EFFET

(71) USA DIGITAL RADIO, INC. [US/US]; Suite 202, 8865 Stanford Boulevard, Columbia, MD 21045 (US).

(72) GOLDSTON, Don, R.; 9888 Whipoorwill Drive, Mason, OH 45040 (US). HARTUP, David, Carl; 8851 Timberchase Court, West Chester, OH 45069 (US). MATHERNE, Marcus, M.; 7866 Kristen Drive, West Chester, OH 45069 (US).

(74) LENART, Robert, P.; Eckert Seamans Cherin & Mellott, LLC, 44th floor, 600 Grant Street, Pittsburgh, PA 15219 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁶ H04J 1/12, 3/10, 15/00

(11) WO 00/16507 (13) A1

(21) PCT/US99/09536

(22) 30 Apr/avr 1999 (30.04.1999)

(25) en (26) en

(30) 09/156,573 17 Sep/sep 1998 US (17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD AND APPARATUS FOR AUTOMATICALLY REDUCING CROSS-TALK BETWEEN WIRES COUPLED TO A COMMON NETWORK DEVICE

• PROCEDE ET APPAREIL POUR REDUIRE AUTOMATIQUEMENT LA DIAPHONIE ENTRE DES FILS COUPLES A UN DISPOSITIF DE RESEAU COMMUN

(71) TUT SYSTEMS, INC. [US/US]; 2495 Estand Way, Pleasant Hill, CA 94523 (US).

(72) ETHIER, Steven, Laurent; 2298 Camino Brazos, Pleasanton, CA 94566 (US).

(74) TAYLOR, Edwin, H. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁶ H04J 3/00, H04B 7/216, 7/15, H04H 1/00

(11) WO 00/16508 (13) A1

(21) PCT/US99/16748

(22) 23 Jul/juil 1999 (23.07.1999)

(25) en (26) en

(30) 09/151,527 11 Sep/sep 1998 US (11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • WIRELESS SPREAD-SPECTRUM DATA NETWORK AND INTERFACE BETWEEN FIXED POSITIONS

• RESEAU DE COMMUNICATION DE DONNEES A SPECTRE ETALE, SANS FIL, ET INTERFACE ENTRE DES POINTS FIXES

(71) WORKNET COMMUNICATIONS [US/US]; Suite 2005, 7777 Bonhomme, St. Louis, MO 63105 (US).

(72) HORTON, Edwin, T.; 531 Shadowridge Drive, Wildwood, MO 63011 (US). BORGER, Robert, M.; 3633 Ashby, St. Ann, MO 63074 (US).

(74) HAFERKAMP, Richard, E. et al. / etc.; Howell & Haferkamp, L.C., Suite 1400, 7733 Forsyth, St. Louis, MO 63105 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ H04J 3/06

(11) WO 00/16509 (13) A1

(21) PCT/US99/17848

(22) 5 Aug/août 1999 (05.08.1999)

(25) en (26) en

(30) 09/153,280 15 Sep/sep 1998 US (15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR ESTIMATING RELATIVE SKEW BETWEEN CLOCKS IN PACKET NETWORKS

• PROCEDE POUR L'ESTIMATION DE DEPHASAGE RELATIF DES IMPULSIONS D'HORLOGE ENTRE HORLOGES, DANS DES RESEAUX A COMMUTATION DE PAQUETS

(71, 72) RAVIKANATH, Rayadurgam [IN/US]; 28-B, 26 Beacon Street, Burlington, MA 01803 (US).

(74) LYNCH, David, W. et al. / etc.; Altera Law Group, LLC, 10749 Bren Road East, Opus 2, Minneapolis, MN 55343 (US).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(22) 13 Sep/sep 1999 (13.09.1999)

(25) en (26) en

(30) 09/152,224 11 Sep/sep 1998 US (11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) ● SIGNAL CONVERSION FOR FAULT ISOLATION
● TRANSFORMATION DE SIGNAUX SERVANT A LOCALISER LES PANNES
- (71) **MCI WORLDCOM, INC.** [US/US]; 515 East Amite Street, Jackson, MS 39201 (US).
- (72) **BANIEWICZ, Paul, T.**; 1705 Falmouth Drive, Plano, TX 75025 (US). **BRIMMAGE, Ashley, W.**; 1111 Willow Lane #3204, Farmersville, TX 75442 (US). **ALAGAR, Sridhar**; 3655 Pruneridge Avenue #63, Santa Clara, CA 95051 (US). **BADT, Sig, H., Sr.**; 302 Trailridge, Richardson, TX 75081 (US). **ELLEFSON, Frederick, R.**; 1001 Belvedere Court, Allen, TX 75013 (US). **McGLADE, Bryan, J.**; 1 Rochester Street, Kew, VIC 3101 (AU). **BENGSTON, Lee, Dennis**; 175 Moonlight Drive, Murphy, TX 75094 (US).
- (74) **GROLZ, Edward, W.**; Scully, Scott, Murphy & Presser, 400 Garden City Plaza, Garden City, NY 11530 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **H04J 3/16, 3/22, 3/24**
- (11) **WO 00/16511** (13) A1
- (21) PCT/US99/21333
- (22) **16 Sep/sep 1999 (16.09.1999)**
- (25) en (26) en
- (30) 60/100,618 **16 Sep/sep 1998** US
(16.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● SYSTEMS AND METHODS FOR ASYNCHRONOUS TRANSFER MODE AND INTERNET PROTOCOL
● SYSTEMES ET PROCEDES POUR MODE DE TRANSFERT ASYNCHRON ET PROTOCOLE INTERNET
- (71) **SCIENTIFIC RESEARCH CORPORATION** [US/US]; Suite 400 South, 2300 Windy Ridge Parkway, Atlanta, GA 30339 (US).
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- (72, 75) **ALESSI, George, H.** [US/US]; 230 Lochland Circle, Roswell, GA 30075 (US). **RAY, Charles, G.** [US/US]; 413 Eagle Ridge Trail, Canton, GA 30114 (US). **AKYILDIZ, Ian** [US/US]; 525 St. Regis Drive, Alpharetta, GA 30022 (US). **JENSEN, Mark** [US/US]; 5858 Bridgemont Place, Acworth, GA 30101 (US). **SMITH, Guy** [US/US]; 880 Windsor Trail, Roswell, GA 30076 (US).
- (74) **PRATT, John, S.** et al. / etc.; Kilpatrick Stockton LLP, Suite 2800, 1100 Peachtree Street, Atlanta, GA 30309-4530 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **H04L 1/00, 1/08, H04B 1/707**
- (11) **WO 00/16512** (13) A1
- (21) PCT/US99/17564
- (22) **3 Aug/août 1999 (03.08.1999)**
- (25) en (26) en
- (30) 09/152,063 **11 Sep/sep 1998** US
(11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● RATE DETECTION IN RADIO COMMUNICATION SYSTEMS
● DETECTION DE DEBIT DANS DES SYSTEMES DE RADIOCOMMUNICATION
- (71) **ERICSSON INC.** [US/US]; 7001 Development Drive, Research Triangle Park, NC 27709 (US).
- (72) **RAMESH, Rajaram**; 1226 F Hamilton Court, Cary, NC 27511 (US). **BOTTOMLEY, Gregory, E.**; 100 Merlot Court, Cary, NC 27511 (US).
- (74) **MONCO, Dean, A.**; Wood, Phillips, Vansanten, Clark & Mortimer, Suite 3800, 500 West Madison Street, Chicago, IL 60661-2511 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **H04L 1/12, 1/00**
- (11) **WO 00/16513** (13) A1
- (21) PCT/SE99/01538
- (22) **3 Sep/sep 1999 (03.09.1999)**
- (25) en (26) en
- (30) 09/154,046 **16 Sep/sep 1998** US
(16.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● METHOD AND SYSTEM FOR ALTERNATING TRANSMISSION OF CODEC MODE INFORMATION
● SYSTEME ET PROCEDE FAISANT A ALTERNANCE D'EMISSION D'INFORMATION DU MODE DE CODAGE/DECODAGE
- (71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).
- (72) **BRUHN, Stefan**; Thumenbergerweg 38, D-90491 Nürnberg (DE).
- (74) **ERICSSON RADIO SYSTEMS AB**; Patent Support/Ericsson Research, S-164 80 Stockholm (SE).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **H04L 1/24, H04Q 7/34**
- (11) **WO 00/16514** (13) A1
- (21) PCT/US99/20981
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 09/151,533 **11 Sep/sep 1998** US
(11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● LOOPBACK PROCESSING METHOD AND APPARATUS
● PROCEDE ET DISPOSITIF DE TRAITEMENT DE BOUCLAGE
- (71) **QUALCOMM INCORPORATED** [US/US]; 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).
- (72) **SUTTON, Todd**; 13228 Larkfield Court, San Diego, CA 92130 (US). **DEHESH, Houtan**; 321 Calle De Adele, Encinitas, CA 92024 (US). **WEGRZYN, Jan, K.**; 5741 Stresemann Street, San Diego, CA 92122 (US). **MOSS, Roy, G.**; 7120 Shoreline Drive #2113, San Diego, CA 92122 (US). **FAUS, Juan**; 9545 Laurentian Drive, San Diego, CA 92129 (US). **CLAPP, David, T.**; 2098 Trebuchet Road, Borrego Springs, CA 92004 (US).
- (74) **MILLER, Russell, B.** et al. / etc.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)

- (51)⁶ **H04L 7/00, 23/00**
- (11) **WO 00/16515** (13) A1
- (21) PCT/US99/21010
- (22) **14 Sep/sep 1999 (14.09.1999)**
- (25) en (26) en
- (30) 09/154,329 **16 Sep/sep 1998** US
(16.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● TRIGGERED CLOCK SIGNAL GENERATOR
● GENERATEUR DE SIGNAL D'HORLOGE DECLENCHE
- (71) **CREDECE SYSTEMS CORPORATION** [US/US]; 215 Fourier Avenue, Fremont, CA 94539 (US).
- (72) **DINTEMAN, Bryan, J.**; 2375 N.W. Baker Drive, Canby, OR 97013 (US).
- (74) **BEDELL, Daniel, J.**; Smith-Hill and Bedell, P.C., Suite 104, 12670 N.W. Barnes Road, Portland, OR 97229 (US).
- (81) JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **H04L 12/00**
- (11) **WO 00/16517** (13) A2
- (21) PCT/US99/20478
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 09/151,579 **11 Sep/sep 1998** US
(11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● METHOD AND APPARATUS FOR ACCESSING A COMPUTER NETWORK COMMUNICATION CHANNEL
● PROCEDE ET DISPOSITIF PERMETTANT D'ACCEDER A UN CANAL DE COMMUNICATION DANS UN RESEAU INFORMATIQUE
- (71) **SHAREWAVE, INC.** [US/US]; 5175 Hillsdale Circle, El Dorado Hills, CA 95762 (US).
- (72) **GUBBI, Rajugopal, R.**; Apartment #123, 8842 Winding Way, Fair Oaks, CA 95628-6467 (US). **EKAMBARAM, Natarajan**; 2330 Vehicle Drive, #197, Rancho Cordova, CA 95670 (US). **PATRA, Nirmalendu, Bikash**; 3490 Santos Circle, Cameron Park, CA 95602 (US).
- (74) **FAHMI, Tarek, N.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **H04L 9/00**
- (11) **WO 00/16516** (13) A1
- (21) PCT/US99/20649
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 37273 **10 Sep/sep 1998** KR
(10.09.1998)
- (30) 37274 **10 Sep/sep 1998** KR
(10.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● WATERMARKING OF DIGITAL IMAGES USING WAVELET AND DISCRETE COSINE TRANSFORMS
● FORMATION DE FILIGRANE DANS DES IMAGES NUMERIQUES UTILISANT DES TRANSFORMEES EN ONDELETTES ET EN COSINUS DISCRETS
- (71) **LEE, Sang, Ki** [US/US]; 540 Spring Hill Drive, Roselle, IL 60172 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **CHOI, Jong, Uk** [KR/KR]; Sung-won Apt. 2-dong #1301, Uoo-eui-dong, Kang-buk-ku, Seoul (KR). **KIM, Jong, Won** [KR/KR]; Hanmaeul Apt. 111-401, SongGang-dong, Yusung-ku, Taejeon (KR). **CHO, Jung, Suck** [KR/KR]; 1160-36, Shinjung 3-dong, Yangchun-gu, Seoul (KR). **LEE, Han, Ho** [KR/KR]; Shinjin-ka Villa, No. 101, #1339-1, Myonmole-4-dong, Joonglang-gu, Seoul (KR).
- (74) **NATH, Gary, M.** et al. / etc.; Nath & Associates, 6th floor, 1030 15th Street, N.W., Washington, DC 20005-1503 (US).
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- (51)⁷ **H04L 12/00**
- (11) **WO 00/16518** (13) A2
- (21) PCT/US99/20673
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 09/151,595 **11 Sep/sep 1998** US
(11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● METHOD AND APPARATUS FOR CONTROLLING COMMUNICATION WITHIN A COMPUTER NETWORK
● PROCEDE ET APPAREIL DE COMMANDE DE COMMUNICATIONS DANS UN RESEAU INFORMATIQUE
- (71) **SHAREWAVE, INC.** [US/US]; 5175 Hillsdale Circle, El Dorado Hills, CA 95762 (US).
- (72) **GUBBI, Rajugopal, R.**; Apartment #123, 8842 Winding Way, Fair Oaks, CA 95628-6467 (US).
- (74) **FAHMI, Tarek, N.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **H04L 12/00**
- (11) **WO 00/16520** (13) A2
- (21) PCT/US99/20966

- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 09/151,994 **11 Sep/sep 1998 (11.09.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD OF DATA TRANSMISSION IN A DATA COMMUNICATION NETWORK
- PROCEDE DE TRANSMISSION DE DONNEES DANS UN RESEAU DE COMMUNICATION DE DONNEES
- (71) **TELEDESIC LLC** [US/US]; Broadband Center, 1445-120th Avenue Northeast, Bellevue, WA 98005 (US).
- (72) **BRESLOW, Noah, Joseph**; 2606 Mayfair Avenue North, Seattle, WA 98109 (US). **BOYD, Nathan, D., T.**; 2606 Mayfair Avenue North, Seattle, WA 98109 (US). **TORLUEMKE, Greg, A.**; 4301 Lake Washington Boulevard Northeast #1103, Kirkland, WA 98033 (US).
- (74) **BROWN, Ward**; Christensen O'Connor Johnson & Kindness PLLC, Suite 2800, 1420 Fifth Avenue, Seattle, WA 98101 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **H04L 12/28**
- (11) **WO 00/16521** (13) A1
- (21) PCT/US99/20825
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 09/151,452 **11 Sep/sep 1998 (11.09.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • HIERARCHICAL COMPUTER NETWORK ARCHITECTURE
- ARCHITECTURE HIERARCHISEE DE RESEAU INFORMATIQUE
- (71) **SHAREWAVE, INC.** [US/US]; 5175 Hillsdale Circle, El Dorado Hills, CA 95762 (US).
- (72) **GUBBI, Rajugopal, R.**; Apartment #123, 8842 Winding Way, Fair Oaks, CA 95628-6467 (US).
- (74) **FAHMI, Tarek, N.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **H04L 12/52**
- (11) **WO 00/16522** (13) A2
- (21) PCT/SE99/01573
- (22) **9 Sep/sep 1999 (09.09.1999)**
- (25) en (26) en
- (30) 9803068-7 **10 Sep/sep 1998 (10.09.1998)** SE
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHODS FOR CHANGING THE BANDWIDTH OF A CIRCUIT SWITCHED CHANNEL
- PROCEDES DE CHANGEMENT DE LA LARGEUR DE BANDE D'UN CANAL A COMMUTATION DE CIRCUITS
- (71) **NET INSIGHT AB** [SE/SE]; Ingenjörsvägen 3, S-117 43 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LINDGREN, Per** [SE/SE]; Maria Prästgårdsgata 12, S-118 52 Stockholm (SE). **BOHM, Christer** [SE/SE]; Varpholmsgränd 32, S-127 46 Skärholmen (SE). **DANIELSSON, Magnus** [SE/SE]; Kyrkvägen 3 A, S-182 74 Stocksund (SE). **HOLM, Lucas** [SE/SE]; St. Paulsgatan 2, S-118 48 Stockholm (SE). **BOSTRÖM, Anders** [SE/SE]; Mäster Simonsväg 14, S-170 66 Solna (SE).
- (74) **AWAPATENT AB**; P.O. Box 45086, S-104 30 Stockholm (SE).
- (81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁶ **H04L 12/66**
- (11) **WO 00/16523** (13) A1
- (21) PCT/US99/20259
- (22) **2 Sep/sep 1999 (02.09.1999)**
- (25) en (26) en
- (30) 09/151,710 **11 Sep/sep 1998 (11.09.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • METHOD AND APPARATUS FOR SELECTIVELY PRESENTING MEDIA-OPTIONS TO CLIENTS OF A MULTIMEDIA CALL CENTER
- PRESENTATION SELECTIVE D'OPTIONS DE SUPPORTS AUX CLIENTS D'UN CENTRE D'APPEL MULTIMEDIA, ET DISPOSITIF A CET EFFET
- (71) **GENESYS TELECOMMUNICATIONS LABORATORIES, INC.** [US/US]; 11th floor, 1155 Market Street, San Francisco, CA 94103 (US).
- (72) **BECK, Christopher, Clemmett, Macleod**; 2043 S. Horne, Oceanside, CA 92054 (US). **BERKE, Jonathan, Michael**; 1359 Beryl Street, San Diego, CA 92109 (US). **JOHNSTONE, Joel, A.**; 5140 Georgetown Avenue, San Diego, CA 92110 (US). **MITCHELL, Robin, Marie**; 2041 Manchester Avenue, Cardiff, CA 92007 (US). **POWERS, James, Karl**; 4604 Trafalgar Lane, Carlsbad, CA 92008 (US). **SIDELL, Mark, Franklin**; 303 Country Club Road, Chapel Hill, NC 27514 (US). **KNUFF, Charles, Dazler**; 2141 Palomar Airport Road #200, Carlsbad, CA 92009 (US).
- (74) **BOYS, Donald, R.**; P.O. Box 187, Aromas, CA 95004 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **H04L 25/02, H04B 7/005**
- (11) **WO 00/16524** (13) A1
- (21) PCT/US99/14240
- (22) **23 Jun/juin 1999 (23.06.1999)**
- (25) en (26) en
- (30) 09/151,713 **11 Sep/sep 1998 (11.09.1998)** US
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • CHANNEL ESTIMATES IN A CDMA SYSTEM USING POWER CONTROL BITS
- ESTIMATION DE VOIE DANS UN SYSTEME CDMA UTILISANT DES BITS DE COMMANDE DE PUISSANCE

- (71) **ERICSSON INC.** [US/US]; 7001 Development Drive, Research Triangle Park, NC 27709 (US).
- (72) **RAMESH, Rajaram**; 403 Danton Drive, Cary, NC 27511 (US). **WANG, Yi-Pin, Eric**; 215 Cedarpost Drive, Cary, NC 27513 (US).
- (74) **MONCO, Dean, A.**; Wood, Phillips, Van-Santen, Clark & Mortimer, Suite 3800, 500 West Madison Street, Chicago, IL 60661-2511 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **H04L 25/02, 25/49**
- (11) **WO 00/16525** (13) A1
- (21) PCT/US99/20488
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 60/099,770 **10 Sep/sep 1998 US (10.09.1998)**
- (30) Not furnished / **9 Sep/sep 1999 US non communiqué (09.09.1999)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● A SYSTEM AND METHOD FOR SENDING AND RECEIVING DATA SIGNALS OVER A CLOCK SIGNAL LINE
- SYSTEME ET PROCEDE D'ENVOI ET DE RECEPTION DE SIGNAUX DE DONNEES PAR UNE LIGNE DE SIGNAL D'HORLOGE
- (71) **SILICON IMAGE, INC.** [US/US]; 1060 East Arques Avenue, Sunnyvale, CA 94086 (US).
- (72) **KIM, Gyudong**; 450 N. Mathilda Avenue, C205, Sunnyvale, CA 94086 (US). **KIM, Min-Kyu**; 10131 Bubb Road, Cupertino, CA 95014 (US). **HWANG, Seung, Ho**; 10131 Bubb Road, Cupertino, CA 95014 (US).
- (74) **SUEOKA, Greg, T.** et al. / etc.; Fenwick & West LLP, Two Palo Alto Square, Palo Alto, CA 94306 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **H04L 25/03**
- (11) **WO 00/16526** (13) A1
- (21) PCT/EP99/06548
- (22) **3 Sep/sep 1999 (03.09.1999)**
- (25) en (26) en
- (30) 98203079.3 **15 Sep/sep 1998 EP (15.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● TRANSMISSION SYSTEM WITH IMPROVED SIGNAL CONDITIONING MEANS
- SYSTEME DE TRANSMISSION AVEC ORGANE DE CONDITIONNEMENT DES SIGNAUX AMELIORE
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **VAN HOUTUM, Wilhelmus, J.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VERMEER, Henry, L.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **DEGUELLE, Wilhelmus, H., G.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (51)⁷ **H04L 25/03**
- (11) **WO 00/16527** (13) A1
- (21) PCT/GB99/02442
- (22) **26 Jul/juil 1999 (26.07.1999)**
- (25) en (26) en
- (30) 9820060.3 **15 Sep/sep 1998 GB (15.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● DECISION FEEDBACK EQUALISER COMPRISING BOTH ANALOGUE AND DIGITAL PORTIONS
- EGALISEUR A DECISION RETROACTIVE COMPORTANT DES PARTIES ANALOGIQUES ET NUMERIQUES
- (71) **3COM TECHNOLOGIES** [-/-]; Upland House, PO Box 309, Georgetown, Grand Cayman (KY).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YOUNG, Robert, William** [GB/GB]; 2 Meldon Place, Ely, Cambridgeshire CB6 1DU (GB). **COLLIER, James, Digby** [GB/GB]; Church Farm, Chettisham, Ely, Cambridgeshire CB6 1SB (GB).
- (74) **HORTON, Andrew, Robert, Grant**; Bowles Horton, Felden House, Dower Mews, High Street, Berkhamsted, Hertfordshire HP4 2BL (GB).
- (81) AU CA IL KR SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **H04L 27/26, 25/03, H04H 1/00**
- (11) **WO 00/16528** (13) A1
- (21) PCT/US99/20275
- (22) **2 Sep/sep 1999 (02.09.1999)**
- (25) en (26) en
- (30) 09/153,636 **15 Sep/sep 1998 US (15.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● ADAPTIVE WEIGHTING METHOD FOR ORTHOGONAL FREQUENCY DIVISION MULTIPLEXED SOFT SYMBOLS USING CHANNEL STATE INFORMATION ESTIMATES
- PONDERATION ADAPTATIVE POUR SYMBOLES PONDERES A MULTIPLEXAGE PAR REPARTITION DE FREQUENCE ORTHOGONALE UTILISANT DES ESTIMATIONS D'INFORMATIONS D'ETAT DU CANAL
- (71) **USA DIGITAL RADIO, INC.** [US/US]; Suite 202, 8865 Stanford Boulevard, Columbia, MD 21045 (US).
- (72) **KROEGER, Brian, William**; 12813 Amberwoods Way, Sykesville, MD 21784 (US). **CAMMARATA, Denise, Maureen**; 12087 Long Lake Drive, Owings Mill, MD 21117 (US).
- (74) **LENART, Robert, P.**; Eckert Seamans Cherin & Mellott, LLC, 44th floor, 600 Grant Street, Pittsburgh, PA 15219 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **H04L 29/06, G06F 17/30**
- (11) **WO 00/16529** (13) A1
- (21) PCT/IB99/01493
- (22) **2 Sep/sep 1999 (02.09.1999)**
- (25) en (26) en
- (30) 60/100,114 **14 Sep/sep 1998 US (14.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● METHOD AND SYSTEM FOR INJECTING EXTERNAL CONTENT INTO COMPUTER NETWORK INTERACTIVE SESSIONS
- PROCEDE ET SYSTEME POUR INJECTER DES DONNEES EXTERIEURES DANS DES SESSIONS INTERACTIVES SUR RESEAU INFORMATIQUE

- (71) **ADWISE LTD.** [IL/IL]; Shaul Hamelech Boulevard 39 #B-305, 64928 Tel Aviv (IL).
- (72) **YEDIDIA, Meir**; Brener Street 23, 55201 Kirat Ono (IL). **BOZNACH, Yaron**; Dafna Street 24, 64929 Tel Aviv (IL).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ **H04L 29/06**(11) **WO 00/16530** (13) A2

(21) PCT/SE99/01561

(22) **8 Sep/sep 1999 (08.09.1999)**

(25) en (26) en

(30) 9803125-5 **11 Sep/sep 1998 (11.09.1998)** SE

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • TRANSMISSION SYSTEM ADAPTED FOR IP DATA PACKETS
- SYSTEME DE TRANSMISSION ADAPTE POUR DES PAQUETS DE DONNEES IP

(71) **TELIA AB (publ)** [SE/SE]; Mårbackagatan 11, S-123 86 Farsta (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAMMARSTRÖM, Martin** [SE/SE]; Mellangatan 33 A, S-554 51 Jönköping (SE).
SPARR, Thomas [SE/SE]; Köpmansgatan 14 A, S-571 32 Nässjö (SE).

(74) **PRAGSTEN, Rolf**; Telia Research AB, Vitsandsgatan 9, S-123 86 Farsta (SE).

(81) EE LT LV NO US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ **H04L 29/06, 12/28**(11) **WO 00/16531** (13) A1

(21) PCT/US99/19138

(22) **24 Aug/août 1999 (24.08.1999)**

(25) en (26) en

(30) 09/151,373 **10 Sep/sep 1998 (10.09.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • A METHOD AND SYSTEM FOR ELECTRONIC COMMUNICATION
- PROCEDE ET SYSTEME DE COMMUNICATION ELECTRONIQUE

(71) **SONY ELECTRONICS, INC.** [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).

(72) **LUDTKE, Harold, Aaron**; 5876 Ettersberg Drive, San Jose, CA 95123 (US).

(74) **GALLENSON, Mavis, S.** et al. / etc.; Ladas & Parry, Suite 2100, 5670 Wilshire Boulevard, Los Angeles, CA 90036-5679 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ **H04L 29/06**(11) **WO 00/16532** (13) A2

(21) PCT/US99/20490

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 09/151,746 **11 Sep/sep 1998 (11.09.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • DYNAMIC COMMUNICATION CHANNEL SWITCHING FOR COMPUTER NETWORKS
- COMMUTATION DE CANAUX DE COMMUNICATION DYNAMIQUE DANS DES RESEAUX D'ORDINATEURS

(71) **SHAREWAVE, INC.** [US/US]; 5175 Hillsdale Circle, El Dorado Hills, CA 95762 (US).

(72) **GUBBI, Rajugopal, R.**; Apartment #123, 8842 Winding Way, Fair Oaks, CA 95628-6467 (US). **EKAMBARAM, Natarajan**; 2330 Vehicle Drive, #197, Rancho Cordova, CA 95670 (US).

(74) **FAHMI, Tarek, N.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **H04L 29/06, G06F 17/30**(11) **WO 00/16533** (13) A1

(21) PCT/US99/21325

(22) **15 Sep/sep 1999 (15.09.1999)**

(25) en (26) en

(30) 09/153,664 **15 Sep/sep 1998 (15.09.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • MULTIMEDIA TIMELINE MODIFICATION IN NETWORKED CLIENT/SERVER SYSTEMS
- MODIFICATION DE COMPOSANTES TEMPORELLE DANS DES SYSTEMES CLIENT/SERVEUR EN RESEAU

(71) **MICROSOFT CORPORATION** [US/US]; One Microsoft Way, Redmond, WA 98052-6399 (US).

(72) **GUPTA, Anoop**; 19908 N.E. 129th Street, Woodinville, WA 98072 (US). **OMOIGUI, Nosakhare, D.**; 8935 160th Avenue N.E., #A105, Redmond, WA 98052 (US).

(74) **SPONSELLER, Allan, T.**; Suite 500, 421 W. Riverside Avenue, Spokane, WA 99201 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ **H04L 29/06, H04M 11/06, G06F 9/445**(11) **WO 00/16534** (13) A1

(21) PCT/US99/21660

(22) **17 Sep/sep 1999 (17.09.1999)**

(25) en (26) en

(30) 09/154,643 **17 Sep/sep 1998 (17.09.1998)** US(30) 09/193,066 **16 Nov/nov 1998 (16.11.1998)** US

(43) 23 Mar/mar 2000 (23.03.2000)

- (54) • MULTI-TASK PLUG-IN ARCHITECTURE FOR SOFTWARE MODEM
- ARCHITECTURE MULTITACHE ENFICHABLE DESTINEE A UN MODEM LOGICIEL

(71) **CONEXANT SYSTEMS, INC.** [US/US]; 4311 Jamboree Road, Newport Beach, CA 92660-3095 (US).

(72) **TAL, Tamir**; 21A Block Zeev, 53229 Givatayim (IL). **COLLIN, Steev**; 9/2 Shapira Street, 46406 Herzliya (IL).

(74) **SCOTT, Russell, C.**; Akin, Gump, Strauss, Hauer & Feld, LLP, Suite 1900, 816 Congress Avenue, Austin, TX 78701 (US).

(81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)⁷ H04M

(11) WO 00/16535 (13) A2

(21) PCT/KR99/00556

(22) 15 Sep/sep 1999 (15.09.1999)

(25) en (26) en

(30) 1998/38003 15 Sep/sep 1998 KR
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • PUBLIC TELEPHONE HAVING PORTABLE COMPUTER INTERFACE FUNCTION AND METHOD FOR CONTROLLING THE SAME

• TELEPHONE PUBLIC DOTE D'UNE FONCTION D'INTERFACE D'ORDINATEUR PORTABLE ET PROCEDE DE COMMANDE DUDIT TELEPHONE

(71, 72) **CHOI, Young, Suk** [KR/KR]; 336-3, Bukgaja-2dong, Seodaemun-ku, Seoul 120-132 (KR).(74) **CHO, Jae, Hyoung**; 809 Yoksam Heights Building, 642-19, Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ H04M

(11) WO 00/16536 (13) A2

(21) PCT/US99/21300

(22) 15 Sep/sep 1999 (15.09.1999)

(25) en (26) en

(30) 09/154,409 15 Sep/sep 1998 US
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • SYSTEM AND METHOD FOR THE RECORDING AND PROCESSING OF INFORMATION IN A WIRELESS COMMUNICATION DEVICE

• SYSTEME ET PROCEDE POUR L'ENREGISTREMENT ET LE TRAITEMENT D'INFORMATIONS DANS UN DISPOSITIF HERTZIEN

(71) **QUALCOMM INCORPORATED** [US/US]; 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).(72) **BEITH, Scott, D.**; 7370 Calle Cristobal #120, San Diego, CA 92126 (US). **KENAGY, Jason, B.**; 27 East E Street, Encinitas, CA 92024 (US).(74) **MILLER, Russell, B.** et al. / etc.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ H04M 1/00

(11) WO 00/16537 (13) A2

(21) PCT/SE99/01494

(22) 31 Aug/août 1999 (31.08.1999)

(25) en (26) en

(30) 09/154,911 17 Sep/sep 1998 US
(17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • CLIP ARRANGEMENT FOR PORTABLE TELECOMMUNICATION INSTRUMENT

• ENSEMBLE PATTE DE FIXATION POUR INSTRUMENT DE TELECOMMUNICATION PORTABLE

(71) **TELEFONAKTIEBOLAGET L M ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).(72) **CÁRDENAS, Raúl**; David Berlanga 1269-B, Colonia Topochico, Saltillo, Coahuila 25284 (MX).(74) **ERICSSON RADIO SYSTEMS AB**; Common Patent Department, S-164 80 Stockholm (SE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁶ H04M 1/56, 15/06

(11) WO 00/16538 (13) A1

(21) PCT/US99/20067

(22) 31 Aug/août 1999 (31.08.1999)

(25) en (26) en

(30) 09/154336 16 Sep/sep 1998 US
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD OF PROVIDING CALLER IDENTIFICATION FOR CALLS PLACED OVER AN INTERNET

• PROCEDE PERMETTANT D'IDENTIFIER UN APPELANT POUR DES APPELS EFFECTUES SUR UN RESEAU INTERNET

(71) **AMERITECH CORPORATION** [US/US]; 4H80, Law Department, 2000 W. Ameritech Center Drive, Hoffman Estates, IL 60196-1025 (US).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **HEINMILLER, Wayne, Robert** [US/US]; 1139 Coven Hill Lane, Elgin, IL 60120 (US). **STUCKMAN, Bruce, E.** [US/US]; 1940 Wynnfield Drive, Algonquin, IL 60102 (US). **BOSSEMEYER, Robert, Wesley, Jr.** [US/US]; 41W091 Colson Drive, St. Charles, IL 60175 (US).(74) **HALLING, Dale, B.**; Law Office of Dale B. Halling, Suite 202, 128 S. Tejon, Colorado Springs, CO 80903 (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 US UZ VN; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ H04M 3/42, H04Q 3/00, 7/38

(11) WO 00/16539 (13) A1

(21) PCT/DE99/00925

(22) 22 Mar/mar 1999 (22.03.1999)

(25) de (26) de

(30) 198 43 187.2 14 Sep/sep 1998 DE
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ACTIVE ACCEPTANCE OF A CALL NUMBER FOR SUBSCRIBERS WITH SEVERAL TELEPHONE NUMBERS

• ACCEPTATION D'APPEL ACTIVE CHEZ DES ABONNES POSSEDANT PLUSIEURS NUMEROS DE TELEPHONE

(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) **WIERZBITZKI, Dirk** [DE/DE]; Mintarder Weg 161, D-40885 Ratingen (DE). **KRÖMER, Matthias** [DE/DE]; Dianastrasse 16, D-40223 Düsseldorf (DE).(74) **MEISSNER, Peter, E., et al.**; Patentanwaltbüro Meissner & Meissner, Hohenzollerndamm 89, D-14199 Berlin (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ H04M 3/46, H04Q 3/00, 7/38

(11) WO 00/16540 (13) A1

(21) PCT/DE99/00846

(22) 17 Mar/mar 1999 (17.03.1999)

(25) de (26) de

(30) 198 43 201.1 14 Sep/sep 1998 DE
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • SEQUENTIAL CALLING SYSTEM WITH PRIORITIZATION OF THE LAST SUCCESSFULLY DIALLED TELEPHONE NUMBER

• APPEL SEQUENTIEL AVEC PRIORITE DONNEE AU NUMERO DE TELEPHONE AYANT PU ETRE ATTEINT AVEC SUCCES EN DERNIER

(71) MANNESMANN AG [DE/DE]; Mannesmannufer 2, D-40213 Düsseldorf (DE).
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(74) MEISSNER, Peter E.; Meissner & Meissner, Hohenzollerndamm 89, D-14199 Berlin (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ H04M 3/533, G06F 17/60

(11) WO 00/16541 (13) A1

(21) PCT/US99/21344

(22) 15 Sep/sep 1999 (15.09.1999)

(25) en (26) en

(30) 60/100,452 15 Sep/sep 1998 US
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ANNOTATION CREATION AND NOTIFICATION VIA ELECTRONIC MAIL

• CREATION DE COMMENTAIRES ET NOTIFICATIONS PAR COURRIER ELECTRONIQUE

(71) MICROSOFT CORPORATION [US/US]; One Microsoft Way, Redmond, WA 98052-6399 (US).

(72) GUPTA, Anoop; 19908 NE 129th Street, Woodinville, WA 98072 (US).
BARGERON, David, M.; 7211 30th Avenue NW, Seattle, WA 98117 (US).

(74) SPONSELLER, Allan, T.; Suite 500, 421 W. Riverside Avenue, Spokane, WA 99201 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁶ H04M 11/06, 3/42

(11) WO 00/16542 (13) A1

(21) PCT/AU98/00749

(22) 14 Sep/sep 1998 (14.09.1998)

(25) en (26) en

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • A METHOD OF SUBSCRIBER TELEPHONE LINE SHARING

• PROCEDE D'UTILISATION ALTERNEE D'UNE LIGNE TELEPHONIQUE D'ABONNE

(71, 72) REISNER, John, David [AU/AU]; P.O. Box 160, East Kew, Melbourne, VIC 3102 (AU).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ H04M 17/00

(11) WO 00/16543 (13) A1

(21) PCT/EP99/06547

(22) 3 Sep/sep 1999 (03.09.1999)

(25) en (26) en

(30) 98402270.7 15 Sep/sep 1998 EP
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • UPDATING BILLING RATE ACCORDING TO MOBILE MOVINGS IN PREPAID PHONES

• ACTUALISATION DU TAUX DE FACTURATION EN FONCTION DU DEPLACEMENT DES STATIONS MOBILES DE POSTES A PREPAIEMENT

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) SALO, Jarmo, O.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) CHAFFRAIX, Jean; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ H04N

(11) WO 00/16544 (13) A2

(21) PCT/US98/26864

(22) 16 Dec/déc 1998 (16.12.1998)

(25) en (26) en

(30) 09/154,069 16 Sep/sep 1998 US
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • COMPRESSED DIGITAL-DATA SEAMLESS VIDEO SWITCHING SYSTEM

• SYSTEME DE COMMUTATION VIDEO SANS SOLUTION DE CONTINUTE POUR DONNEES NUMERIQUES COMPRIEES

(71) ACTV, INC. [US/US]; Suite 2401, Rockefeller Center, 1270 Avenue of the Americas, New York, NY 10020 (US).

(72) FREEMAN, Michael, J.; 6B Blue Seas Lane, Kings Point, NY 11024 (US).
HARPER, Gregory, W.; 410 East 50th Street, New York, NY 10022 (US).
DEO, Frank, P.; 37 Sandhill Road, Kendall Park, NJ 08824 (US).

(74) DOYLE, Scott, W. et al. / etc.; Dorsey & Whitney LLP, Suite 4400, 370 Seventeenth Street, Denver, CO 80202-5644 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ H04N 1/00

(11) WO 00/16545 (13) A1

(21) PCT/FR99/02193

(22) 15 Sep/sep 1999 (15.09.1999)

(25) fr (26) fr

(30) 98/11575 16 Sep/sep 1998 FR
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • SYSTEM AND METHOD FOR OBTAINING DIGITAL PHOTOGRAPHS

• SYSTEME ET PROCEDE D'OBTENTION DE PHOTOGRAPHIES NUMERIQUES

(71, 72) VERES, Patrice [FR/FR]; 9, rue du Docteur Potain, F-75019 Paris (FR).
VERES, Agnès [FR/FR]; 9, rue du Docteur Potain, F-75019 Paris (FR).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁶ H04N 1/387, G06T 1/00

(11) WO 00/16546 (13) A1

(21) PCT/JP99/04890

(22) 8 Sep/sep 1999 (08.09.1999)

(25) ja (26) ja

(30) 10/276490 10 Sep/sep 1998 JP
(10.09.1998)(30) 10/322899 27 Oct/oct 1998 JP
(27.10.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR EMBEDDING ELECTRONIC WATERMARK, RECORDED MEDIUM ON WHICH THE METHOD IS RECORDED, METHOD FOR PROVING EMBEDDED ELECTRONIC WATERMARK, AND DEVICE FOR EMBEDDING ELECTRONIC WATERMARK

- PROCEDE POUR INTEGRER UN FILIGRANE ELECTRONIQUE, SUPPORT D'ENREGISTREMENT SUR LEQUEL CE PROCEDE EST ENREGISTRE, PROCEDE POUR TESTER UN FILIGRANE ELECTRONIQUE INTEGRE, ET DISPOSITIF POUR INTEGRER UN FILIGRANE ELECTRONIQUE

(71) KOWA CO., LTD. [JP/JP]; 6-29, Nishiki 3-chome, Naka-ku, Nagoya-shi, Aichi 460-0003 (JP).

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(72, 75) FUKUOKA, Yoshihide [JP/JP]; 10-20, Hashirimizu 1-chome, Yokosuka-shi, Kanagawa 239-0811 (JP). MATSUI, Kineo [JP/JP]; 5-57, Ohtsu-machi, Yokosuka-shi, Kanagawa 239-0808 (JP).

(74) IGARASHI, Takao et al. / etc.; Chuo Fushimi Building 3F, 3-2, Nishiki 1-chome, Naka-ku, Nagoya-shi, Aichi 460-0003 (JP).

(81) AU CN IL IN KR RU US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ H04N 5/00, H04L 7/04

(11) WO 00/16547 (13) A1

(21) PCT/EP99/06586

(22) 7 Sep/sep 1999 (07.09.1999)

(25) de (26) de

(30) 198 41 371.8 10 Sep/sep 1998 DE
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD AND DEVICE FOR EVALUATING A DIGITAL DATA STREAM

- PROCEDE ET DISPOSITIF D'ANALYSE D'UN FLUX DE DONNEES NUMERIQUES

(71) GRUNDIG AG [DE/DE]; Kurgartenstrasse 37, D-90762 Fürth (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HORN, Bernhard [DE/DE]; Birkensteig 18, D-91301 Forchheim (DE).

(74) PRÖLL, Jürgen; Grundig AG, D-90748 Fürth (DE).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)⁷ H04N 5/445

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(25) en (26) en

(30) 09/157,256 17 Sep/sep 1998 US
(17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ELECTRONIC PROGRAM GUIDE WITH DIGITAL STORAGE

- GUIDE ELECTRONIQUE DE PROGRAMME A STOCKAGE NUMERIQUE

(71) UNITED VIDEO PROPERTIES, INC. [US/US]; 7140 South Lewis Avenue, Tulsa, OK 74136 (US).

(72) HASSELL, Joel, G.; 8246 Yarrow Court, Arvada, CO 80005 (US). KNUDSON, Edward, B.; 11055 West Rowland Avenue, Littleton, CO 80127 (US). HEDGES, L., Joe; 9311 South Norwood, Tulsa, OK 74137 (US). ELLIS, Michael, D.; 1300 Kingwood Place, Boulder, CO 80304 (US). BEREZOWSKI, David, M.; 6706 South 91st East Avenue, Tulsa, OK 74133 (US).

(74) TREYZ, G., Victor et al. / etc.; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ H04N 5/50

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(21) PCT/EP99/06478

(22) 3 Sep/sep 1999 (03.09.1999)

(25) en (26) en

(30) 198 41 298.3 10 Sep/sep 1998 DE
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR STORAGE OF A CHANNEL FOR A CONSUMER ELECTRONICS APPLIANCE

- PROCEDE POUR MEMORISER UN CANAL DANS UN APPAREIL ELECTRONIQUE DE CONSOMMATION

(71) DEUTSCHE THOMSON-BRANDT GMBH [DE/DE]; Hermann-Schwer-Str. 3, D-78048 Villingen-Schwenningen (DE).
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(72, 75) MABON, Jean-Bernard [FR/DE]; Am Loretowäldchen 23, D-78050 Villingen-Schwenningen (DE).

(74) ROSSMANITH, Manfred; Deutsche Thomson-Brandt GmbH, Licensing & Intellectual Property, Karl-Wiechert-Allee 74, D-30625 Hannover (DE).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GD GE GH GM HR HU ID IL IN 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 ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(25) en (26) en

(30) 60/099,951 11 Sep/sep 1998 US
(11.09.1998)(30) 09/326,410 4 Jun/juin 1999 US
(04.06.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • AUTOMATED CONVERSION OF A VISUAL PRESENTATION INTO DIGITAL DATA FORMAT

- MISE EN FORMAT NUMERIQUE AUTOMATIQUE D'UNE PRESENTATION VISUELLE

(71) TELEFONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; S-126 25 Stockholm (SE).

(72) GOMEZ, Peter; Kindstugatan 11 A, S-111 31 Stockholm (SE). LINDAHL, Göthe; Brunnsvägen 15, S-905 94 Umeå (SE).

(74) ERICSSON RADIO SYSTEMS AB; Patent Support/Ericsson Research, S-164 80 Stockholm (SE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁶ H04N 7/00

(11) WO 00/16551 (13) A1

(21) PCT/US99/17064

(22) 27 Jul/juil 1999 (27.07.1999)

(25) en (26) en

(30) 09/151,926 11 Sep/sep 1998 US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • SIMULATING TWO WAY CONNECTIVITY FOR ONE WAY DATA STREAMS FOR MULTIPLE PARTIES

- SIMULATION DE CONNECTIVITE DOUBLE SENS POUR TRAIN DE DONNEES POUR PARTIES MULTIPLES

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

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(72, 75) HARRISON, Edward, R. [US/US]; 3560 N.W. Paisley Court, Beaverton, OR 97006 (US). CALL, Dale, R. [US/US]; 17207 S.W. Artesian Lane, Aloha, OR 97006 (US).

(74) MILLIKEN, Darren, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁶ H04N 7/00

(11) WO 00/16552 (13) A1

(21) PCT/US99/21056

(22) 14 Sep/sep 1999 (14.09.1999)

(25) en (26) en

(30) 09/153,125 15 Sep/sep 1998 US
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • AUDIENCE MONITORING AND REPORTING SYSTEM

- SYSTEME DE SURVEILLANCE DE L'AUDIENCE ET D'ETABLISSEMENT DE RAPPORTS

(71) MILLENNIUM NETWORKS, INC. [US/US]; Suite 110, 900 Elkridge Landing Road, Linthicum, MD 21090 (US).

(72) QAYYUM, Hamid, M.; 7402 Maury Road, Baltimore, MD 21244 (US). LEHNER, Stephen, W.; 811 South Charles Street, Baltimore, MD 21230 (US).

(74) STETINA BRUNDA GARRED & BRUCKER; 4th floor, 24221 Calle de la Louisa, Laguna Hills, CA 92653 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ H04N 7/035, 7/081

(11) WO 00/16553 (13) A1

(21) PCT/IB99/01639

(22) 7 Sep/sep 1999 (07.09.1999)

(25) en (26) en

(30) 09/152,889 14 Sep/sep 1998 US
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • APPARATUS AND METHOD FOR ENCODING HIGH QUALITY DIGITAL DATA IN A VIDEO SIGNAL

- APPAREIL ET PROCEDE PERMETTANT DE CODER DES DONNEES NUMERIQUES DE HAUTE QUALITE DANS UN SIGNAL VIDEO

(71) ADVANCED INTERACTIVE, INC. [US/US]; 50 West Liberty, Suite 880, Reno, NV 89501 (US).

(72) LAKHANI, Karim; 5531 Bessborough Drive, Vancouver, British Columbia BC5B 1E1 (CA).

(74) DREYFUS, Edward; 608 Sherwood Parkway, Mountainside, NJ 07092 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ H04N 7/16

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(21) PCT/IB99/01584

(22) 16 Sep/sep 1999 (16.09.1999)

(25) en (26) en

(30) 98402290.5 16 Sep/sep 1998 EP
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • MANAGEMENT OF DATA IN A RECEIVER/DECODER

- GESTION DE DONNEES DANS UN RECEPTEUR/DECODEUR

(71) CANAL+ SOCIETE ANONYME [FR/FR]; 85/89, quai André Citroën, F-75711 Paris Cedex 15 (FR).

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(72, 75) CHOULETTE, Denis [FR/FR]; 8, rue Violet, F-75015 Paris (FR). LIAO, Hongtao [FR/FR]; 4, rue du Canal, F-78180 Montigny-Btx (FR).

(74) COZENS, Paul, Denis et al. / etc.; Mathys & Squire, 100 Gray's Inn Road, London WC1X 8AL (GB).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁶ H04N 7/16

(11) WO 00/16555 (13) A1

(21) PCT/JP99/04924

(22) 10 Sep/sep 1999 (10.09.1999)

(25) ja (26) ja

(30) 10/258821 11 Sep/sep 1998 JP
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • DATA TRANSMITTING/RECEIVING METHOD AND ITS RECEIVER

- PROCEDE D'EMISSION/RECEPTION DE DONNEES ET RECEPTEUR CORRESPONDANT

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

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(72, 75) SUZUKI, Hidekazu [JP/JP]; 469-1, Tsutsui-cho, Yamatokoriyama-shi, Nara 639-1123 (JP).

(74) HAYASE, Kenichi; Esaka Ana Building, 8F, 17-1, Enoki-cho, Suita-shi, Osaka 564-0053 (JP).

(81) CN KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁶ H04N 7/16, 5/50, 5/92

(11) WO 00/16556 (13) A1

(21) PCT/US99/21315

(22) 16 Sep/sep 1999 (16.09.1999)

- (25) en (26) en
- (30) 09/154,609 **16 Sep/sep 1998** US
(16.09.1998)
- (30) 09/244,222 **4 Feb/fév 1999** US
(04.02.1999)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● HOME ENTERTAINMENT SYSTEM WITH PLURAL DEVICES
● SYSTEME ET PROCEDE POUR L'INTERCONNEXION ET L'UTILISATION D'ELEMENTS DE SYSTEME AUDIOVISUEL DOMESTIQUE
- (71) **WEFTV NETWORKS, INC.** [US/US]; 1250 Charleston Avenue, Mountain View, CA 94043 (US).
- (72) **PERLMAN, Stephen, G.**; 721 Tiana Lane, Mountain View, CA 94041 (US).
- (74) **NYDEGGER, Rick, D.** et al. / etc.; Workman, Nydegger & Seeley, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, UT 84111 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ **H04N 7/24, 5/38**
- (11) **WO 00/16558** (13) A1
- (21) PCT/GB99/02985
- (22) **8 Sep/sep 1999 (08.09.1999)**
- (25) en (26) en
- (30) 9819784.1 **10 Sep/sep 1998** GB
(10.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● DIGITAL TELEVISION SERVICE PROTECTION APPARATUS
● DISPOSITIF DE PROTECTION POUR SERVICE DE TELEVISION NUMERIQUE
- (71) **SNELL & WILCOX LIMITED** [GB/GB]; 6 Old Lodge Place, St Margaret's, Twickenham, Middlesex TW1 1RQ (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DEVLIN, Bruce, Fairbairn** [GB/GB]; 4 Ashvale Cottages, Chiddingfold, Surrey GU8 4RD (GB). **RIDLEY, Christopher, David** [GB/GB]; 12 Nursery Field, Liss, Hampshire GU33 7RF (GB).
- (74) **GARRATT, Peter, Douglas** et al. / etc.; Mathys & Squire, 100 Gray's Inn Road, London WC1X 8AL (GB).
- (81) AU CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- (51)⁷ **H04N 7/24**
- (11) **WO 00/16559** (13) A1
- (21) PCT/GB99/03018
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 9819767.6 **10 Sep/sep 1998** GB
(10.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● IMAGE ENCODING
● CODAGE D'IMAGES
- (71) **SNELL & WILCOX LIMITED** [GB/GB]; 6 Old Lodge Place, St Margaret's, Twickenham, Middlesex TW1 1RQ (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KNEE, Michael, James** [GB/GB]; 6 Woodbury Avenue, Petersfield, Hampshire GU32 2EE (GB). **COTTON, Andrew,**
- Raine** [GB/GB]; 2 Landor Road, Clapham, London SW9 9PP (GB). **MCINTOSH, David, Bainbridge** [GB/GB]; Northbrook, 15 College Street, Petersfield, Hampshire GU31 4AG (GB). **MITCHELL, Arthur, John, William** [GB/GB]; 2 The Street, South Harting, Petersfield, Hampshire GU31 5QE (GB). **SARGINSON, Peter, Ashley** [GB/GB]; 20 Josephine Avenue, Lower Kingswood, Tadworth, Surrey KT20 7AQ (GB).
- (74) **GARRATT, Peter, Douglas** et al. / etc.; Mathys & Squire, 100 Gray's Inn Road, London WC1X 8AL (GB).
- (81) AU CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
- (51)⁷ **H04N 7/24**
- (11) **WO 00/16560** (13) A1
- (21) PCT/US99/20713
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 09/151,868 **11 Sep/sep 1998** US
(11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● ADAPTIVE RATE CONTROL FOR INSERTION OF DATA PACKETS INTO A BITSTREAM
● CONTROLE ADAPTATIF DU DEBIT POUR L'INSERTION DE PAQUETS DE DONNEES DANS UN TRAIN DE BITS
- (71) **SCIENTIFIC-ATLANTA, INC.** [US/US]; Hubert J. Barnhardt III, Intellectual Property Dept., One Technology Parkway South, Norcross, GA 30092 (US).
- (72) **PINDER, Howard, G.**; 4317 Stilson Circle, Norcross, GA 30092 (US). **KELLY, Andrew, O.**; 5121 Peach Mountain Circle, Gainesville, GA 30507 (US).
- (74) **BARNHARDT III, Hubert J.** et al. / etc.; Scientific-Atlanta, Inc., Intellectual Property Dept., One Technology Parkway South, Norcross, GA 30092 (US).
- (81) BR JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
- (51)⁷ **H04N 7/26, 5/44**
- (11) **WO 00/16561** (13) A1
- (21) PCT/EP99/06555
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) en (26) en
- (30) 9800669 **15 Sep/sep 1998** BE
(15.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) ● METHOD AND APPARATUS FOR VIDEO SIGNAL PROCESSING
● PROCEDE ET APPAREIL DE TRAITEMENT DE SIGNAUX VIDEO
- (71) **THOMSON MULTIMEDIA** [FR/FR]; 46, quai Alphonse Le Gallo, F-92100 Boulogne Billancourt (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GAUCHE, Laurent** [FR/FR]; Thomson multimedia, 46, quai Alphonse Le Gallo, F-92648 Boulogne Cedex (FR).
- (74) **KOHR, Martin**; Thomson multimedia, 46, quai Alphonse Le Gallo, F-92648 Boulogne Cedex (FR).

(71) **BARCO N.V.** [BE/BE]; Frankrijklaan 18, B-8970 Poperinge (BE).
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(72, 75) **GERETS, Peter** [BE/BE]; Verbrandhofstraat 154, B-8800 Roeselare (BE).

(74) **HERTOGHE, Kris**; Barco N.V. - R & D Dept., Theodoor Sevenslaan 106, B-8500 Kortrijk (BE).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)⁷ **H04N 7/26**

(11) **WO 00/16562** (13) A1

(21) PCT/US99/18310

(22) **23 Aug/août 1999 (23.08.1999)**

(25) en (26) en

(30) 09/156,790 **17 Sep/sep 1998** US
(17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • MODIFIED CHROMA KEYED TECHNIQUE FOR SIMPLE SHAPE CODING FOR DIGITAL VIDEO

• TECHNIQUE MODIFIEE D'INCRUSTATION COULEUR DE CODAGE DE FORMES SIMPLES POUR VIDEO NUMERIQUE

(71) **GENERAL INSTRUMENT CORPORATION** [US/US]; 101 Tournament Drive, Horsham, PA 19044 (US).

(72) **PANUSOPONE, Krit**; 9656 Carroll Canyon Road #F4, San Diego, CA 92126 (US).
CHEN, Xuemin; 8560 Foxcroft Place, San Diego, CA 92129 (US).

(74) **LIPSITZ, Barry, R.**; Building No. 8, 755 Main Street, Monroe, CT 06468 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **H04N 7/36, 7/26, G06T 7/20**

(11) **WO 00/16563** (13) A1

(21) PCT/US99/20476

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 09/151,368 **10 Sep/sep 1998** US
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • TRACKING SEMANTIC OBJECTS IN VECTOR IMAGE SEQUENCES

• SUIVI D'OBJETS SEMANTIQUES DANS DES SEQUENCES D'IMAGES VECTORIELLES

(71) **MICROSOFT CORPORATION** [US/US]; One Microsoft Way, Redmond, WA 98052 (US).

(72) **GU, Chuang**; Apartment D121, 17525 N.E. 40th Street, Redmond, WA 98052 (US).
LEE, Ming-Chieh; 5558 - 166th place, S.E., Bellevue, WA 98006 (US).

(74) **MEYER, Joel, R.**; Klarquist, Sparkman, Campbell, Leigh & Whinston, LLP, One World Trade Center, Suite 1600, 121 S.W. Salmon Street, Portland, OR 97204 (US).

(81) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)⁶ **H04Q 1/00**

(11) **WO 00/16564** (13) A1

(21) PCT/US99/20685

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) en (26) en

(30) 60/099,954 **11 Sep/sep 1998** US
(11.09.1998)

(30) 09/392,267 **9 Sep/sep 1999** US
(09.09.1999)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • OBJECT CONTROL AND TRACKING SYSTEM WITH ZONAL TRANSITION DETECTION

• SYSTEME DE COMMANDE ET DE POURSUITE D'OBJETS AVEC DETECTION DE TRANSITION ZONALE

(71) **KEY-TRAK, INC.** [US/US]; Suite 440, 3075 Breckinridge Boulevard, Duluth, GA 30096-4981 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MALONEY, William, C.** [US/US]; 4693 Magnolia Circle, Marietta, GA 30067 (US).

(74) **ISAF, Louis, T.** et al. / etc.; Womble Carlyle Sandridge & Rice, P.O. Box 720601, Atlanta, GA 30358-2601 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **H04Q 3/00**

(11) **WO 00/16565** (13) A1

(21) PCT/DE99/02762

(22) **1 Sep/sep 1999 (01.09.1999)**

(25) de (26) de

(30) 198 42 448.5 **16 Sep/sep 1998** DE
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • REMOTE SWITCHING UNIT AND METHOD FOR CONTROLLING SAID UNIT

• UNITE DE COMMUTATION DISTANTE ET SON PROCEDE DE COMMANDE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).

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(72, 75) **SCHMELZER, Alwin** [DE/DE]; Geigenbergerstrasse 19, D-81477 München (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D-80506 München (DE).

(81) BR CN ID US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)⁷ **H04Q 3/00**

(11) **WO 00/16566** (13) A1

(21) PCT/FI99/00736

(22) **10 Sep/sep 1999 (10.09.1999)**

(25) en (26) en

(30) 981960 **11 Sep/sep 1998** FI
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • EXECUTION OF SERVICES IN INTELLIGENT NETWORK

• EXECUTION DE SERVICES DANS UN RESEAU INTELLIGENT

(71) **NOKIA NETWORKS OY** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TUUNANEN, Heikki** [FI/FI]; Nuijivuori 2 F 51, FIN-02630 Espoo (FI).
PALVIAINEN, Keijo [FI/FI]; Halmetie 6 A 2, FIN-00700 Helsinki (FI).

(74) **PATENT AGENCY COMPATENT LTD.**; Pitkäsillanranta 3 B, FIN-00530 Helsinki (FI).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ H04Q 3/00

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(21) PCT/FI99/00762

(22) 16 Sep/sep 1999 (16.09.1999)

(25) en (26) en

(30) 981999 16 Sep/sep 1998 FI
(16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • TRANSMITTING CALL-RELATED
DATA BETWEEN SWITCHING
CENTRES• TRANSMISSION DE DONNEES RE-
LATIVES AUX APPELS ENTRE LES
CENTRES DE COMMUTATION(71) NOKIA NETWORKS OY [FI/FI]; Keila-
lahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) TIAINEN, Vesa [FI/FI]; Vanhankyläntie
5 E 14, FIN-01630 Vantaa (FI).(74) KOLSTER OY AB; Iso Roobertinkatu 23,
P.O. Box 148, FIN-00121 Helsinki (FI).(81) AE AL AM AT AU AZ BA BB BG BR BY
CA CH CN CR CU CZ (Utility model / modèle
d'utilité) DE DE (Utility model / modèle
d'utilité) DK DK (Utility model / modèle
d'utilité) DM EE EE (Utility model / modèle
d'utilité) ES FI FI (Utility model / modèle
d'utilité) GB GD GE GH GM HR HU ID
IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV 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 TZ UA UG US UZ VN YU ZA ZW;
AP (GH GM KE LS MW SD SL SZ TZ UG
ZW); EA (AM AZ BY KG KZ MD RU TJ
TM); EP (AT BE CH CY DE DK ES FI FR
GB GR IE IT LU MC NL PT SE); OA (BF
BJ CF CG CI CM GA GN GW ML MR NE
SN TD TG).(51)⁷ H04Q 3/00, H04M 17/00

(11) WO 00/16568 (13) A1

(21) PCT/US99/20910

(22) 14 Sep/sep 1999 (14.09.1999)

(25) en (26) en

(30) 60/100,440 15 Sep/sep 1998 US
(15.09.1998)(30) 60/100,470 15 Sep/sep 1998 US
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • COMMUNICATION SERVICES
• SERVICES DE COMMUNICATION(71) IN TOUCH TECHNOLOGIES LIM-
ITED [-/US]; 5105 Chevy Chase Parkway,
N.W., Washington, DC 20008 (US). **CHA-
FETZ, Marc, E.** [US/US]; 5105 Chevy
Chase Parkway, N.W., Washington, DC
20008 (US).(71, 72) JOYCE, Simon, James [GB/TH]; 36
Soi Saeng Chai, Sukhumvit 38, Bangkok
10110 (TH).(72) GUPTA, Prafulla, C.; 8231 CR 500,
Pagosa Springs, CO 81147 (US). **VAIDYA,
Manohar, S.**; 797-Mig Bhel, Ramchandra-
puram, Hyderabad - 500 032 (IN). **ALLA,
Rajesh**; 94A, Sai Nagar, Near Vanasthalipu-
ram, Hyderabad - 500 082 (IN). **REDDY,
Ashok, K.**; 1, Sanali Residency, Raj Bha-
van Road, Hyderabad - 500 082 (IN). **AYYALA,
Sree, Ram, Murthy**; Plot No. 4,
Banjara Nagar, Tirumalgiri, Secunderabad
- 500 015 (IN). **GUPTA, Richa**; Flat No.
104 Lumbini Classis Apartments, H. No
6-3-1099/9, Raj Bhavan Road, Hyderabad -
500 082 (IN). **KAUSHAL, Alok**; Flat No.
106, Park View Residency, Rajiv Nagar, Be-
hind AG Colony, Hyderabad - 500 045 (IN).
VERMA, J., S., J., L., K.; CHV Rama
Raju, Plot No. 36, Aditya Nilayam, Kamala
Ngr., V. Puram, Hyderabad - 500 070 (IN).
UNDAVALLI, Prasad; P. Nageswar Rao,
208, Sonali Heavens, Ameerpet, Hyderabad
- 500 016 (IN). **NALLAJERLA, Kondal,
Rao**; 12-13-477, St. No. 1, Flat No. 103,
D.S. Enclave, Tarnaka, Secunderabad -
500 015 (IN). **BONAJIRI, Sivaramayya**;
Plot No. 50, Ramachandrayya Colony,
West Venkatapuram, Secunderabad - 500
015 (IN). **SISTLA, Krishna, Mohan**; H.
No. 8-3-988/40, SBH Colony, Sri Na-
gar Colony, Yellareddyguda, Hyderabad -
500 873 (IN). **G., Amba, Prasad**; Flat
No. 304, Durga Elite, 1-10 50/1, Chikoti
Gardens, Begumpet, Hyderabad - 500 016
(IN). **RAY, Biswajit, Sundar**; Flat No. 76,
Bharani Complex, Block-P, Minister Road,
Secunderabad - 500 003 (IN). **GOVIND,
Raghuram**; 2-2-1137, New Nallakunta,
Hyderabad - 500 044 (IN). **RAJU, Janaki,
Rama**; I.S.N. Raju, 47-B, Vengala Rao Na-
gar Cly, Hyderabad - 500 038 (IN). **RAO,
K., Veerabhadra**; 1-8-499/2, Chikkadpally,
Hyderabad - 500 020 (IN). **RAVI, S., D.,
V.**; High - 292, Bhei township, Hyderabad
- 500 032 (IN). **M.K., Ram, Kumar**; R-7
sector - C, AWHO colony, Gautam Enclave
Sikh Village, Secunderabad - 500 009 (IN).
VELPURI, Surya, Sekhar; Flat No. 205,
Lumbini Apartments, Dharam Karan Road,
Ameerpet, Hyderabad - 500 016 (IN).
NALLAGONDA, Bhanumurthy; B/3, R.K.
Residency, Mahatma Nagar, Bowenpally,
Secunderabad - 500 009 (IN).(74) PITCHER, David, M.; Staas & Halsey
LLP, Suite 500, 700 Eleventh Street, N.W.,
Washington, DC 20001 (US).(81) AE AL AM AT AU AZ BA BB BG BR BY
CA CH CN CR CU CZ DE DK DM EE ES
FI GB GD GE GH GM HR HU ID IL IN IS
JP KE KG KP KR KZ LC LK LR LS LT LU
LV MD MG MK MN MW MX NO NZ PL
PT RO RU SD SE SG SI SK SL TJ TM TR
TT UA UG UZ VN YU ZA ZW; AP (GH
GM KE LS MW SD SL SZ TZ UG ZW);
EA (AM AZ BY KG KZ MD RU TJ TM);
EP (AT BE CH CY DE DK ES FI FR GB
GR IE IT LU MC NL PT SE); OA (BF BJ
CF CG CI CM GA GN GW ML MR NE SN
TD TG).(51)⁷ H04Q 7/00

(11) WO 00/16569 (13) A2

(21) PCT/DE99/02843

(22) 8 Sep/sep 1999 (08.09.1999)

(25) de (26) de

(30) 198 41 531.1 10 Sep/sep 1998 DE
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR THE OPTIMIZED
TRANSMISSION OF MULTIMEDIA
SERVICES VIA MOBILE COMMU-
NICATIONS NETWORKS (MOBILE
TELEPHONE NETWORKS)• PROCEDE POUR OPTIMISER LA
TRANSMISSION DE SERVICES MUL-
TIMEDIA DANS DES RESEAUX DE
TELECOMMUNICATION MOBILES
(RESEAUX RADIOTELEPHONIQUES
MOBILES)(71) DETEMOBIL DEUTSCHE TELEKOM
MOBILNET GMBH [DE/DE]; Landgra-
benweg 151, D-53227 Bonn (DE).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) KELLER, Walter [DE/DE];
Dümpelstrasse 15, D-40880 Ratingen
(DE).(81) AE AL AM AT AU AZ BA BB BG BR BY
CA CH CN CR CZ DK DM EE ES FI GB
GD GE GH GM HR HU ID IL IN IS JP KE
KG KR KZ LC LK LR LS LT LU LV MD
MG MK MN MW MX NO NZ PL PT RO
RU SD SE SG SI SK SL TJ TM TR TT UA
UG US UZ VN YU ZA ZW; AP (GH GM
KE LS MW SD SL SZ UG ZW); EA (AM
AZ BY KG KZ MD RU TJ TM); EP (AT
BE CH CY DE DK ES FI FR GB GR IE IT
LU MC NL PT SE); OA (BF BJ CF CG CI
CM GA GN GW ML MR NE SN TD TG).(51)⁶ H04Q 7/00

(11) WO 00/16570 (13) A1

(21) PCT/US99/20799

(22) 10 Sep/sep 1999 (10.09.1999)

(25) en (26) en

(30) 60/100,016 11 Sep/sep 1998 US
(11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • ELECTROSTATIC RADIO FRE-
QUENCY IDENTIFICATION SYSTEM
HAVING CONTACTLESS PROGRAM-
MABILITY• SYSTEME ELECTROSTATIQUE
D'IDENTIFICATION PAR FRE-
QUENCES RADIO A PROGRAM-
MABILITE SANS CONTACT(71) MOTOROLA INC. [US/US]; 1303 East
Algonquin Road, Schaumburg, IL 60196
(US).(72) VEGA, Victor; 2062 Pheasant Drive, Her-
cules, CA 94547 (US).(74) HUGHES, Terri, S. 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 CR CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/00

(11) WO 00/16571 (13) A2

(21) PCT/US99/21341

(22) 16 Sep/sep 1999 (16.09.1999)

(25) en (26) en

(30) 09/154,977 17 Sep/sep 1998 US (17.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • DATA NETWORK COMPUTING DEVICE CALL PROCESSING

• TRAITEMENT D'APPELS POUR DISPOSITIFS INFORMATIQUES CONNECTES A UN RESEAU DE DONNEES

(71) AT MOBILE.COM CORPORATION [US/US]; Suite 110, 11201 S.E. 8th Street, Bellevue, WA 98004 (US).

(72) MCNIFF, Peter, Gerald; 520 4th Street, No. 21, Kirkland, WA 98033 (US). WILHOITE, Michael, Thomas; 21705 N.E. 20th Way, Redmond, WA 98053 (US).

(74) TANNENBAUM, David, H. et al. / etc.; Fulbright & Jaworski L.L.P., 2200 Ross Avenue, Suite 2800, Dallas, TX 75201 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/22

(11) WO 00/16572 (13) A1

(21) PCT/FI99/00757

(22) 15 Sep/sep 1999 (15.09.1999)

(25) en (26) en

(30) 982002 16 Sep/sep 1998 FI (16.09.1998)

(30) 982643 7 Dec/déc 1998 FI (07.12.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD AND APPARATUS FOR DYNAMIC RADIO RESOURCE ALLOCATION

• PROCEDE ET APPAREIL D'ATTRIBUTION DYNAMIQUE DE RESSOURCES RADIO

(71) NOKIA MOBILE PHONES LIMITED [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VALO, Marko [FI/FI]; Opiskelijankatu 18 A 40, FIN-33720 Tampere (FI). RÄSÄNEN, Juha [FI/FI]; Pensaskertuntie 8 A, FIN-02660 Espoo (FI).

(74) JOHANSSON, Folke; Nokia Corporation, P.O. Box 226, FIN-00045 Nokia Group (FI).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ H04Q 7/22

(11) WO 00/16573 (13) A1

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(22) 15 Sep/sep 1999 (15.09.1999)

(25) en (26) en

(30) 982002 16 Sep/sep 1998 FI (16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD AND APPARATUS FOR DYNAMIC RADIO RESOURCE ALLOCATION

• PROCEDE ET APPAREIL D'ATTRIBUTION DYNAMIQUE DE RESSOURCES RADIO

(71) NOKIA MOBILE PHONES LIMITED [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ERJANNE, Juha [FI/FI]; Tuomio-kirkonkatu 17 A 13, FIN-33100 Tampere (FI).

(74) JOHANSSON, Folke; Nokia Corporation, P.O. Box 226, FIN-00045 Nokia Group (FI).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ H04Q 7/32

(11) WO 00/16574 (13) A1

(21) PCT/US99/21096

(22) 14 Sep/sep 1999 (14.09.1999)

(25) en (26) en

(30) 09/153,962 16 Sep/sep 1998 US (16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • INTELLIGENT ROAMING MOBILE STATION FOR EMULATING A PRE-INTELLIGENT ROAMING MOBILE STATION

• STATION MOBILE ITINERANTE INTELLIGENTE PERMETTANT D'EMULER UNE STATION MOBILE ITINERANTE PRE-INTELLIGENTE

(71) ERICSSON INC. [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).

(72) SHAH, Amish; 137 Sterlingdaire Drive, Cary, NC 27511 (US). FINDLIKI, Nadi; 1821 Grande Harmony Pl., Cary, NC 27513 (US). HOOVER, David; 113 Dorchester Pines Court, Cary, NC 27511 (US). HICKS, Scott; 1316 Red Twig Road, Apex, NC 27502 (US).

(74) MOORE, Stanley, R. et al. / etc.; Jenkens & Gilchrist, P.C., Suite 3200, 1445 Ross Avenue, Dallas, TX 75202 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ H04Q 7/38

(11) WO 00/16575 (13) A1

(21) PCT/DE99/02893

(22) 10 Sep/sep 1999 (10.09.1999)

(25) de (26) de

(30) 198 41 464.1 10 Sep/sep 1998 DE (10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD AND RADIO COMMUNICATION SYSTEM FOR PROVIDING A CONTROL CHANNEL

• PROCEDE ET SYSTEME DE RADIOCOMMUNICATION POUR METTRE A DISPOSITION UN CANAL D'ORGANISATION

(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) **KOTTKAMP, Meik** [DE/DE]; Hirsch-Gereuth-Strasse 54, D-81369 München (DE). **FÄRBER, Michael** [DE/DE]; Schiessstättstrasse 12A, D-82515 Wolfratshausen (DE). **SOMMER, Volker** [DE/DE]; Schwabstedter Weg 6, D-13503 Berlin (DE). **BENZ, Michael** [DE/DE]; Schuckertdamm 328, D-13629 Berlin (DE). **KLEIN, Anja** [DE/DE]; Paderborner Strasse 8, D-10709 Berlin (DE). **SITTE, Armin** [DE/DE]; Prenzlauer Allee 237, D-10405 Berlin (DE). **ULRICH, Thomas** [DE/DE]; Sandhauser Strasse 109B, D-13505 Berlin (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D-80506 München (DE).

(81) AU BR CN ID JP KR MX RU US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)⁷ **H04Q 7/38**

(11) **WO 00/16576** (13) A1

(21) PCT/FI99/00545

(22) **21 Jun/juin 1999 (21.06.1999)**

(25) en (26) en

(30) 981989 **15 Sep/sep 1998** FI
(15.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • IMPLEMENTING SIMULTANEOUS CALLS IN A TELECOMMUNICATIONS NETWORK

• MISE EN PLACE DE COMMUNICATIONS SIMULTANÉES DANS UN RESEAU DE TELECOMMUNICATIONS

(71) **NOKIA NETWORKS OY** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOIVUPURO, Outi** [FI/FI]; Poutamäentie 8 B 9, FIN-00360 Helsinki (FI). **KAUHANEN, Timo** [FI/FI]; Gesterbynpolku 8 B 18, FIN-02410 Kirkkonummi (FI). **RUUSKA, Pekka** [FI/FI]; Hiesutie 7, FIN-90650 Oulu (FI).

(74) **KOLSTER OY AB**; Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).

(81) AE 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 GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **H04Q 7/38**

(11) **WO 00/16577** (13) A1

(21) PCT/FI99/00728

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) en (26) en

(30) 981979 **14 Sep/sep 1998** FI
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • HANDOVER BETWEEN MOBILE COMMUNICATION NETWORKS

• TRANSFERT ENTRE DES RESEAUX DE COMMUNICATION MOBILE

(71) **NOKIA MOBILE PHONES LTD.** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KALLIOKULJU, Juha** [FI/FI]; Jokioistentie 5, FIN-37470 Vesilähti (FI). **TURUNEN, Matti** [FI/FI]; Kirkkoladonkatu 28 B 7, FIN-33560 Tampere (FI).

(74) **TAMPEREEN PATENTTITOIMISTO OY**; Hermiankatu 6, FIN-33720 Tampere (FI).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ **H04Q 7/38, 7/36**

(11) **WO 00/16578** (13) A1

(21) PCT/FI99/00731

(22) **9 Sep/sep 1999 (09.09.1999)**

(25) en (26) en

(30) 981942 **10 Sep/sep 1998** FI
(10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD AND SYSTEM FOR CHANNEL ALLOCATION IN DUAL BAND NETWORK

• PROCEDE ET SYSTEME D'ATTRIBUTION DE CANAUX DANS UN RESEAU A DEUX BANDES

(71) **NOKIA NETWORKS OY** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PELTOLA, Jukka** [FI/FI]; Ruusunmarjatie 14, FIN-90800 Oulu (FI).

(74) **PATENTTITOIMISTO TEKNOPOLOIS KOLSTER OY**; c/o Kolster Oy AB, Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ **H04Q 7/38, 7/22**

(11) **WO 00/16579** (13) A1

(21) PCT/FI99/00750

(22) **14 Sep/sep 1999 (14.09.1999)**

(25) en (26) en

(30) 981976 **14 Sep/sep 1998** FI
(14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • CHARGING OF SUBSCRIBERS WITH LOCALISED SERVICE AREAS IN A MOBILE TELECOMMUNICATIONS NETWORK

• TAXATION DES ABONNES A ZONES DE SERVICE LOCALISE DANS UN RESEAU DE TELECOMMUNICATIONS MOBILES

(71) **NOKIA NETWORKS OY** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MUHONEN, Ahti** [FI/FI]; Itälähdenkatu 5 B 37, FIN-00210 Helsinki (FI).

(74) **KOLSTER OY AB**; Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ H04Q 7/38, H04L 12/56

(11) WO 00/16580 (13) A1

(21) PCT/FI99/00759

(22) 15 Sep/sep 1999 (15.09.1999)

(25) en (26) en

(30) 982001 16 Sep/sep 1998 FI (16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • A METHOD AND SYSTEM FOR MANAGING A BEARER PROPERTIES AT RETRANSMISSION
• PROCEDE ET SYSTEME DE GESTION DES PROPRIETES DE PORTEUSE LORS DES RETRANSMISSIONS

(71) NOKIA MOBILE PHONES LIMITED [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TURUNEN, Matti [FI/FI]; Kirkkoladonkatu 28 B 7, FIN-33560 Tampere (FI).
KALLIOKULJU, Juha [FI/FI]; Jokioistentie 5, FIN-37470 Vesilähti (FI).

(74) JOHANSSON, Folke; Nokia Corporation, P.O. Box 226, FIN-00045 Nokia Group (FI).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ H04Q 7/38

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(21) PCT/FI99/00760

(22) 16 Sep/sep 1999 (16.09.1999)

(25) en (26) en

(30) 982000 16 Sep/sep 1998 FI (16.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • IMPROVED METHOD AND ARRANGEMENT FOR CHANGING CELLS
• PROCEDE ET DISPOSITIF AMELIORES DE CHANGEMENT DE CELLULES

(71) NOKIA MOBILE PHONES LIMITED [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DALSGAARD, Lars [DK/FI]; Toivonientie 9 as, FIN-90500 Oulu (FI).
LUNDELL, Antero [FI/FI]; Laukläteenkatu 7 G 55, FIN-20740 Turku (FI).

(74) OULUN PATENTTITOIMISTO BERGREN OY AB; Teknologiantie 14 C, FIN-90570 Oulu (FI).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ H04Q 7/38

(11) WO 00/16582 (13) A2

(21) PCT/SE99/01476

(22) 27 Aug/aouût 1999 (27.08.1999)

(25) en (26) en

(30) 09/151,249 10 Sep/sep 1998 US (10.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • SYSTEM AND METHOD FOR REAL-TIME INTERACTIVE SELECTION OF CALL TREATMENT IN A RADIO TELECOMMUNICATIONS NETWORK
• DISPOSITIF ET PROCEDE DE SELECTION INTERACTIVE DE TRAITEMENT D'APPEL, EN TEMPS REEL, DANS UN RESEAU DE RADIOTELECOMMUNICATIONS

(71) TELEFONAKTIEBOLAGET L M ERICSSON (publ) [SE/SE]; S-126 25 Stockholm (SE).

(72) WAYNE, Tom; 2590 Bourgoin Street, St. Laurent, Quebec H4R 2C3 (CA).
LEDUC, François; 111 Burley, Pincourt, Quebec J7V 8E6 (CA).
HUNG, Tran; 452 Lazard Avenue, Town of Mount Royal (TMR), Quebec H3R 1P5 (CA).

(74) ERICSSON RADIO SYSTEMS AB; Common Patent Department, S-164 80 Stockholm (SE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/38, 3/00

(11) WO 00/16583 (13) A1

(21) PCT/US99/17410

(22) 30 Jul/juillet 1999 (30.07.1999)

(25) en (26) en

(30) 09/152,368 14 Sep/sep 1998 US (14.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • METHOD FOR PROVIDING NUMBER PORTABILITY IN A TELECOMMUNICATIONS NETWORK
• PROCEDE POUR LA PORTABILITE DE NUMERO DANS UN RESEAU DE TELECOMMUNICATION

(71, 72) WONG, Curt [US/US]; 4821 Bull Run Drive, Plano, TX 75093 (US).

(74) LYNCH, David, W.; Altera Law Group, 10749 Bren Road East, Opus 2, Minneapolis, MN 55343 (US).

(81) AE 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 GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ H04Q 11/04, H04M 11/04

(11) WO 00/16584 (13) A1

(21) PCT/FI99/00742

(22) 13 Sep/sep 1999 (13.09.1999)

(25) en (26) en

(30) 981946 11 Sep/sep 1998 FI (11.09.1998)

(43) 23 Mar/mar 2000 (23.03.2000)

(54) • A METHOD AND A SYSTEM FOR TRANSMITTING ALARMS

- PROCEDE ET SYSTEME D'EMISSION D'ALARME
- (71) **NOKIA NETWORKS OY** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PERNU, Sakari** [FI/FI]; Pikkusiirantie 5, FIN-91600 Utajärvi (FI). **HARINEN, Veli-Matti** [FI/FI]; Kaitoväylä 28 A 24, FIN-90570 Oulu (FI). **HASA, Keijo** [FI/FI]; Puistokatu 2 A 5, FIN-90120 Oulu (FI).
- (74) **JOHANSSON, Folke**; Nokia Corporation, P.O. Box 226, FIN-00045 Nokia Group (FI).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **H04Q 11/04**
- (11) **WO 00/16585** (13) A2
- (21) PCT/FR99/01969
- (22) **11 Aug/août 1999 (11.08.1999)**
- (25) fr (26) fr
- (30) 98/11405 **11 Sep/sep 1998** FR
(11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • ACCESS NETWORK FOR MOBILE TERMINALS
• RESEAU D'ACCES POUR DES TERMINAUX MOBILES
- (71) **FRANCE TELECOM SA** [FR/FR]; 6, place d'Alleray, F-75015 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **QUINQUIS, Jean-Paul** [FR/FR]; 14, rue de Cornic, F-22700 Perros-Guirec (FR). **ROUSSEL, Olivier** [FR/FR]; 33, rue du Pont Hélé, F-22700 Perros-Guirec (FR).
- (74) **MAILLET, Alain**; Cabinet Le Guen & Maillat, 38, rue Levavasseur, Boîte Postale 91, F-35802 Dinard Cedex (FR).
- (81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁶ **H04Q 11/04**
- (11) **WO 00/16586** (13) A1
- (21) PCT/US98/19327
- (22) **16 Sep/sep 1998 (16.09.1998)**
- (25) en (26) en
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • MULTI-CHANNEL SUPPORT FOR VIRTUAL PRIVATE NETWORKS IN A PACKET TO ATM CELL CABLE SYSTEM
• SUPPORT MULTIVOIE POUR RESEAUX PRIVES VIRTUELS DANS UN SYSTEME CABLE DE TRANSMISSION DE PAQUET A UNE CELLULE ATM
- (71) **COM21** [US/US]; 750 Tasman Drive, Millitas, CA 95035 (US).
- (72) **LAUBACH, Mark, E.**; 109 Sleeper Avenue, Mountain View, CA 94040 (US). **HELTON, Sanford, L.**; 4940 Esther Drive, San Jose, CA 95124 (US). **RAISSINIA, Alireza**; 15147 Elm Park, Monte Sereno, CA 95030 (US). **GORDON, Paul, A.**; 1059 Madison Street, Santa Clara, CA 95050 (US). **THAKER, Malay, M.**; 4015 Valerie Drive, Campbell, CA 95008 (US). **NICHOLS, Kathleen, M.**; 12 Skyline Drive, Woodside, CA 94062 (US).
- (74) **GALLENSON, Mavis, S.** et al. / etc.; Ladas & Parry, Suite 2100, 5670 Wilshire Boulevard, Los Angeles, CA 90036-5679 (US).
- (81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **H04Q 11/04, H04M 11/06**
- (11) **WO 00/16587** (13) A1
- (21) PCT/US99/20702
- (22) **8 Sep/sep 1999 (08.09.1999)**
- (25) en (26) en
- (30) 09/150,817 **11 Sep/sep 1998** US
(11.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • ADDING DSL SERVICES TO A DIGITAL LOOP CARRIER SYSTEM
• AJOUT DE SERVICES DSL A UN SYSTEME MULTIPLEX NUMERIQUE DE BOUCLE
- (71) **MARCONI COMMUNICATIONS, INC.** [US/US]; 5900 Landerhaven Drive, Cleveland, OH 44124 (US).
- (72) **KIMBROUGH, Mahlon, Danny**; 2301 Caldwell Drive, Bedford, TX 76021 (US).
- (74) **COCHRAN, David, B.** et al. / etc.; Jones, Day, Reavis & Pogue, North Point, 901 Lakeside Avenue, Cleveland, OH 44114 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **H04R 1/02**
- (11) **WO 00/16588** (13) A1
- (21) PCT/US98/18246
- (22) **17 Sep/sep 1998 (17.09.1998)**
- (25) en (26) en
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • TRANSMISSION LINE LOUDSPEAKER WITH COMPOUND DRIVER
• LIGNE DE TRANSMISSION A COMMANDE COMBINEE
- (63) US 08/802,426 (CIP)
18 Feb/fév 1997 (18.02.1997)
- (71, 72) **WAINWRIGHT, Charles, E.** [US/US]; 17400 Rocky Gorge Court, Silver Spring, MD 20905 (US). **BIRKS, James, N.** [US/US]; 7244 Mink Hollow Road, Highland, MD 20777 (US).
- (74) **DELUCA, Vincent, M.** et al. / etc.; Rothwell, Figg, Ernst & Kurz, Suite 701 East, 555 13th Street, Columbia Square, 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 GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **H04R 25/00, G06F 13/42**
- (11) **WO 00/16589** (13) A1
- (21) PCT/US99/21042
- (22) **14 Sep/sep 1999 (14.09.1999)**
- (25) en (26) en
- (30) 09/156,546 **17 Sep/sep 1998** US
(17.09.1998)
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • TWO LINE VARIABLE WORD LENGTH SERIAL INTERFACE
• INTERFACE SERIE A DEUX LIGNES A LONGUEUR DE MOT VARIABLE
- (71) **SONIC INNOVATIONS, INC.** [US/US]; Suite 240, 5330 South 900 East, Salt Lake City, UT 84117 (US).
- (72) **GREEN, Robert, S.**; 11342 Woodhill Drive, Sandy, UT 84092 (US).
- (74) **D'ALESSANDRO, Kenneth** et al. / etc.; D'Alessandro & Ritchie, P.O. Box 640640, San Jose, CA 95164-0640 (US).
- (81) CN JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (51)⁶ **H04R 25/00, 29/00**
- (11) **WO 00/16590** (13) A1
- (21) PCT/US99/21188

- (22) **14 Sep/sep 1999 (14.09.1999)**
(25) en (26) en
- (30) 09/152,416 **14 Sep/sep 1998 US (14.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • SYSTEM FOR PROGRAMMING HEARING AIDS
• PROGRAMMATION DE PROTHESES AUDITIVES
- (71) **MICRO EAR TECHNOLOGY, INC.** [US/US]; 3500 Holly Lane North, Plymouth, MN 55447 (US).
- (72) **ARMITAGE, Scott, T.**; 4580 Eastwood Road, Deephaven, MN 55345 (US).
- (74) **ARRETT, Richard, A.** et al. / etc.; 6109 Blue Circle Drive, Minnetonka, MN 55343 (US).
- (81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (51)⁶ **H04R 25/00**
(11) **WO 00/16591** (13) A1
(21) PCT/US99/21326
(22) **16 Sep/sep 1999 (16.09.1999)**
(25) en (26) en
(30) 60/100,548 **16 Sep/sep 1998 US (16.09.1998)**
(43) 23 Mar/mar 2000 (23.03.2000)
- (54) • ACOUSTIC LOUDSPEAKER WITH STRUCTURES FOR SELECTIVELY DAMPENING SOUND
• HAUT-PARLEUR ACOUSTIQUE COMPRENANT DES STRUCTURES PERMETTANT D'ATTENUER SELECTIVEMENT LE SON
- (71, 72) **BABB, Burton, A.** [US/US]; 6618 Briarhaven Drive, Dallas, TX 75240 (US). **BABB, Alan, J.** [-/US]; 700 West Custer, #265, Richardson, TX 75080 (US).
- (74) **HUBBARD, Marc, A.**; Munsch Hardt Kopf & Harr, P.C., Suite 4000, 1445 Ross Avenue, Dallas, TX 75202-2790 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **H05B 1/02, 3/82**
(11) **WO 00/16592** (13) A1
(21) PCT/FR99/02143
(22) **9 Sep/sep 1999 (09.09.1999)**
(25) fr (26) fr
- (30) 98/11453 **10 Sep/sep 1998 FR (10.09.1998)**
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • HEATING COIL WITH ANGULAR HEAT DEFORMATION FOR KETTLE AND ASSOCIATED COIL CONTROL BY DRY PROCESS
• RESISTANCE DE CHAUFFE A DEFORMATION THERMIQUE ANGULAIRE POUR BOUILLLOIRE ET CONTROLE DE CHAUFFE A SEC ASSOCIE
- (71) **SEB S.A** [FR/FR]; Les 4M, chemin du Petit Bois, F-69130 Ecully (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PERRIN, Claude** [FR/FR]; 3, rue de la Gare-Nol, F-88120 le Syndicat (FR). **BALANDIER, Jean-Marie** [FR/FR]; 7, rue Chanony, F-88400 Gerardmer (FR). **GUEGAN, Laurent** [FR/FR]; Trougemont, F-88120 Basse sur le Rupt (FR). **THIRIAT, Sylvain** [FR/FR]; 2, route de la Mairie, F-88120 Cleurie (FR). **KLINGER, Michel** [FR/FR]; 6, rue du Remlooch, F-68140 Stosswehr (FR).
- (74) **KIEHL, Hubert**; SEB Développement, Chemin du Petit Bois, Boîte postale 172, F-69132 Ecully Cedex (FR).
- (81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **H05B 33/00**
(11) **WO 00/16593** (13) A1
(21) PCT/US99/21028
(22) **14 Sep/sep 1999 (14.09.1999)**
(25) en (26) en
(30) 09/153,144 **14 Sep/sep 1998 US (14.09.1998)**
(43) 23 Mar/mar 2000 (23.03.2000)
- (54) • STRUCTURE FOR HIGH EFFICIENCY ELECTROLUMINESCENT DEVICE
• STRUCTURE DESTINEE A UN DISPOSITIF ELECTROLUMINESCENT HAUTEMENT EFFICACE
- (71) **THE TRUSTEES OF PRINCETON UNIVERSITY** [US/US]; P.O. Box 36, Princeton, NJ 08544-0036 (US).
- (72) **BALDO, Marc, A.**; Princeton University, Graduate College, Princeton, NJ 08544 (US). **O'BRIEN, Diarmuid, F.**; 199 Griffith Avenue, Drumcondra, Dublin 9 (IE). **FORREST, Stephen, R.**; 148 Hunt Drive, Princeton, NJ 08540 (US).
- (74) **MEAGHER, Thomas, F.** et al. / etc.; Kenyon & Kenyon, One Broadway, New York, NY 10004 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **H05B 37/02**
(11) **WO 00/16594** (13) A1
(21) PCT/US99/21183
(22) **14 Sep/sep 1999 (14.09.1999)**
(25) en (26) en
(30) 60/100,226 **14 Sep/sep 1998 US (14.09.1998)**
(30) 09/258,003 **25 Feb/fév 1999 US (25.02.1999)**
(43) 23 Mar/mar 2000 (23.03.2000)
- (54) • BALLAST CIRCUIT FOR HIGH INTENSITY DISCHARGE LAMPS
• BALLAST POUR LAMPES A DECHARGE HAUTE INTENSITE
- (71) **EG & G, INC.** [US/US]; 45 William Street, Wellesley, MA 02481 (US).
- (72) **LAU, Lake**; 625 Wrede Way, West Covina, CA 91791 (US).
- (74) **TESKA, Kirk** et al. / etc.; Iandiorio & Teska, 260 Bear Hill Road, Waltham, MA 02451 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **H05K 1/09**
(11) **WO 00/16595** (13) A1
(21) PCT/EP99/06385
(22) **31 Aug/août 1999 (31.08.1999)**
(25) de (26) de
(30) 198 41 804.3 **12 Sep/sep 1998 DE (12.09.1998)**
(43) 23 Mar/mar 2000 (23.03.2000)
- (54) • PRINTED CONDUCTORS MADE OF POLYALKYLENE DIOXYTHIOPHENE

- CIRCUITS IMPRIMES EN POLYALKYLENDIOXYTHIOPHENE
- (71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HEUER, Helmut-Werner** [DE/DE]; Kastanienstrasse 7, D-47829 Krefeld (DE).
JONAS, Friedrich [DE/DE]; Krugenofen 15, D-52066 Aachen (DE).
WEHRMANN, Rolf [DE/DE]; Scheiblerstrasse 101, D-47800 Krefeld (DE).
PIELARTZIK, Harald [DE/DE]; Bethelstrasse 37, D-47800 Krefeld (DE).
- (74) **BAYER AKTIENGESELLSCHAFT**; D-51368 Leverkusen (DE).
- (81) BR CA CN CZ HU ID JP KR MX PL SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁷ **H05K 3/02**
- (11) **WO 00/16596** (13) A1
- (21) PCT/IT99/00283
- (22) **6 Sep/sep 1999 (06.09.1999)**
- (25) en (26) en
- (30) TO98A000779 **14 Sep/sep 1998 (14.09.1998)** IT
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • COMPONENT FOR MULTILAYER PRINTED CIRCUIT BOARD, METHOD OF PRODUCTION THEREOF AND ASSOCIATED MULTILAYER PRINTED CIRCUIT BOARD
- COMPOSANT POUR PLAQUETTE DE CIRCUIT IMPRIME MULTICOUCHE, SON PROCÉDE DE PRODUCTION ET PLAQUETTE DE CIRCUIT IMPRIME MULTICOUCHE ASSOCIÉE
- (71) **VIASYSTEMS S.R.L.** [IT/IT]; Via Carlo Viola, 65, I-11026 Pont Saint Martin (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PEDRETTI, Giuseppe** [IT/IT]; Via Carpena, 13, I-26100 Cremona (IT).
- (74) **CASUCCIO, Carlo**; Olivetti S.p.A., Via G. Jervis, 77, I-10015 Ivrea (IT).
- (81) CA CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)⁶ **H05K 3/18, 3/46, 1/09, C25D 5/18, C23C 18/34**
- (11) **WO 00/16597** (13) A1
- (21) PCT/JP99/05003
- (22) **14 Sep/sep 1999 (14.09.1999)**
- (25) ja (26) ja
- (30) 10/259854 **14 Sep/sep 1998 (14.09.1998)** JP
- (30) 10/283435 **17 Sep/sep 1998 (17.09.1998)** JP
- (30) 10/288925 **24 Sep/sep 1998 (24.09.1998)** JP
- (30) 10/331200 **20 Nov/nov 1998 (20.11.1998)** JP
- (30) 10/334499 **25 Nov/nov 1998 (25.11.1998)** JP
- (30) 10/362962 **21 Dec/déc 1998 (21.12.1998)** JP
- (30) 11/95916 **2 Apr/avr 1999 (02.04.1999)** JP
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • PRINTED WIRING BOARD AND ITS MANUFACTURING METHOD
- PLAQUETTE DE CIRCUIT IMPRIME ET SON PROCÉDE DE FABRICATION
- (71) **IBIDEN CO., LTD.** [JP/JP]; 1, Kandacho 2-chome, Ogaki-shi, Gifu 503-0917 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **EN, Honchin** [JP/JP]; Ibiden Co., Ltd., 1-1, Kitagata, Ibigawacho, Ibi-gun, Gifu 501-0695 (JP).
NAKAI, Tohru [JP/JP]; Ibiden Co., Ltd., 1-1, Kitagata, Ibigawacho, Ibi-gun, Gifu 501-0695 (JP).
OKI, Takeo [JP/JP]; 3-39, Tennodori, Tsushima-shi, Aichi 496-0807 (JP).
HIROSE, Naohiro [JP/JP]; Ibiden Co., Ltd., 1-1, Kitagata, Ibigawacho, Ibi-gun, Gifu 501-0695 (JP).
NODA, Kouta [JP/JP]; Ibiden Co., Ltd., 1-1, Kitagata, Ibigawacho, Ibi-gun, Gifu 501-0695 (JP).
- (74) **YASUTOMI, Yasuo** et al. / etc.; Recruit Shin Osaka Building 4F, 14-22, Nishinakajima 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).
- (81) KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)⁶ **H05K 5/02, H01R 13/74**
- (11) **WO 00/16598** (13) A1
- (21) PCT/BR98/00073
- (22) **16 Sep/sep 1998 (16.09.1998)**
- (25) en (26) en
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • MOUNTING OF A CONTROL BOX IN AN ELECTRICAL APPLIANCE
- MONTAGE D'UN BOITIER DE COMMANDE DANS UN APPAREIL ELECTRIQUE
- (71) **SPRINGER CARRIER S.A.** [BR/BR]; Rua Berto Cirio, 521, São Luiz, CEP-92420-030 Canoas, RS (BR).
(only for / seulement pour BR)
- (71) **CARRIER CORPORATION** [US/US]; Carrier Parkway, P.O. Box 4800, Syracuse, NY 13221 (US).
(for all designated States except / pour tous les États désignés sauf BR US)
- (72, 75) **DA LUZ MORAES, Luciano** [BR/BR]; Apartamento 304, Avenida Inconfidência, 670, CEP-92020-030 Canoas, RS (BR).
RAMOS, Paulo, Augusto, Lisboa [BR/BR]; Rua Rio Grande, 2255 Q.3 BL.A 311, CEP-93265-001 Esteio, RS (BR).
- (74) **MOMSEN, LEONARDOS & CIA.**; Rua Teófilo Ottoni, 63 - 10º andar, CEP-20090-080 Rio de Janeiro, RJ (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 GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **H05K 7/14**
- (11) **WO 00/16599** (13) A1
- (21) PCT/FR99/02161
- (22) **10 Sep/sep 1999 (10.09.1999)**
- (25) fr (26) fr
- (30) 98/11499 **15 Sep/sep 1998 (15.09.1998)** FR
- (43) 23 Mar/mar 2000 (23.03.2000)
- (54) • CONNECTING DEVICE FOR AN ASSEMBLY OF LINE REPLACEABLE MODULES FOR ELECTRONIC WALLS AND RACK EQUIPPED WITH SAME FOR RECEIVING SUCH AN ASSEMBLY
- DISPOSITIF DE CONNEXION POUR UN ENSEMBLE DE STRUCTURES MODULAIRES PORTE-CARTES ELECTRONIQUES ET RACK EQUIPE D'UN TEL DISPOSITIF, ACCUEILLANT UN TEL ENSEMBLE
- (71) **THOMSON-CSF SEXTANT** [FR/FR]; Aérodrome de Villacoublay, F-78140 Vélizy Villacoublay (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SARNO, Claude** [FR/FR]; Thomson-CSF Propriété Intellectuelle, Dépt. Brevets, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR).
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- (81) CA IL US ZA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- DISPOSITIF DE FIXATION POUR SUPPORTER DES COMPOSANTS SUR UNE CARTE DE CIRCUITS IMPRIMES
- (71) **ASCOM TATECO AB** [SE/SE]; P.O. Box 8783, S-402 76 Göteborg (SE).
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- (72, 75) **KLEMETS, Tomas** [SE/SE]; Finngösavägen 16, S-433 34 Partille (SE).
- (74) **AWAPATENT AB**; P.O. Box 11394, S-404 28 Göteborg (SE).
- (81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (71) **MATSUSHITA TECHNOLOGY (S) PTE LTD.** [SG/SG]; 285 Jalan Ahmad Ibrahim, Singapore 639931 (SG).
- (72) **CHAI, Cheng, Sheng**; 285 Jalan Ahmad Ibrahim, Singapore 639931 (SG). **MIYAKE, Masashi**; 285 Jalan Ahmad Ibrahim, Singapore 639931 (SG). **MAK, Beng, Yew, Vincent**; 285 Jalan Ahmad Ibrahim, Singapore 639931 (SG). **TEO, Boon, Hai**; 285 Jalan Ahmad Ibrahim, Singapore 639931 (SG).
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- (71) **MATSUSHITA TECHNOLOGY (S) PTE LTD** [SG/SG]; 285 Jalan Ahmad Ibrahim, Singapore 639931 (SG).
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