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**The Patent
Office
Record**

**La Gazette
du Bureau
des brevets**

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Canada



THE PATENT OFFICE RECORD

LA GAZETTE DU BUREAU DES BREVETS

David Tobin
Commissioner of Patents

David Tobin
Commissaire aux brevets

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La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Hull, Canada, à qui doit être adressée toute correspondance autre que les abonnements ou les commandes d'exemplaires séparés.

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The POR has been made available, free of charge, on CIPO's website at cipo.gc.ca or strategis.ic.gc.ca/patents/record since April 1999. Statistics show that many of our clients are making use of this electronic version. Improvements to the electronic format to facilitate speed of download have been implemented. Users now have the choice of downloading the complete document or each section individually. Current editions are posted weekly on Tuesdays and an archive of past editions dating from April 1999 is available as well.

In order to prevent disruption of service to those clients who still require printed copies, CIPO will, on request, print copies for distribution to current subscribers, free of charge until further notice, after which copies will be available for a fee.

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Telephone: (819) 997-1936 (from 8:00 a.m. to 4:45 p.m. EST.)

Fax: (819) 953-7620 (operational 24 hours a day)

Avis important aux abonnés

Veillez noter qu'à compter du numéro daté du 2 novembre 1999, Travaux publics et Services gouvernementaux Canada (TPSGC) a cessé de gérer les abonnements à la *Gazette du Bureau des brevets* (GBB). TPSGC remboursera les abonnés ou leur offrira un crédit pour les numéros non reçus.

Depuis avril 1999, on peut consulter ou télécharger la Gazette, sans frais, à partir du site Web de l'OPIC : opic.gc.ca ou strategis.ic.gc.ca/brevets/gazette. D'après nos statistiques de nombreux clients utilisent la version électronique. Nous avons récemment modifié le format électronique de la Gazette afin d'améliorer la vitesse de téléchargement. Les utilisateurs ont désormais le choix entre télécharger le document en entier ou des sections individuelles. Les éditions courantes sont publiées tous les mardis et les numéros antérieurs (d'avril 1999 jusqu'à maintenant) sont aussi disponibles.

Dans le but d'éviter toute interruption de service aux clients qui désirent obtenir des exemplaires sur support papier, l'OPIC imprimera, sur demande, un certain nombre de copies. Ce service sera disponible gratuitement jusqu'à nouvel ordre, après quoi des frais s'appliqueront.

Pour communiquer avec nous :

Site Web : <http://opic.gc.ca> sous la rubrique Communiquer avec nous, Demandes de renseignements reliés à la propriété intellectuelle

Courriel : cipo.contact@ic.gc.ca

Téléphone : (819) 997-1936 (de 8h à 16h45 HNE)

Télécopieur : (819) 953-7620 (fonctionne 24 heures sur 24)

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application

- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention

- [43] - Date of publication by printing or similar process of an unexamined document on which no grant has taken place on or before the said date

- [45] - Date of Issue
- [48] - Reissue Grant Date
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux en-têtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux en-têtes des brevets sont des codes INID. Le sigle "INID" signifie "Identification numérique internationale des données bibliographiques". Ces codes sont utilisés pour l'identification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit:

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée

- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la convention de Paris

- [43] - Date de publication, par impression ou par un procédé similaire, d'un document non examiné, n'ayant encore donné lieu à la délivrance d'aucun titre à la date en question ou avant

- [45] - Date de délivrance
- [48] - Date de redélivrance
- [51] - Classification internationale
- [52] - Classification nationale
- [54] - Titre de l'invention
- [60] - Apparenté par divulgation supplémentaire
- [62] - Apparenté par division
- [64] - Apparenté par redélivrance
- [71] - Noms(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

Avis

2. Country Code

A complete list of country codes has been published in the issue of October 24, 2000 and will be published twice a year in the last issues of April and October.

3. Canadian Class Titles

A numerical index of the Canadian classification titles will be published in the first issue of January each year.

Anyone desirous of ascertaining what classes are directed to subject matter in which he/she has a particular interest may write to the Patent Office for such information. Related subject matter sometimes appears in different classes and could be missed by those not fully familiar with the classification system. It is also possible to obtain on request an alphabetical listing of subject matter titles for the various classes by writing to the Commissioner of Patents, Ottawa-Hull, Canada K1A 0C9.

4. Class Schedules and Definitions

A schedule (list of subclasses in a class) for any class listed on these pages may be purchased by writing to the Commissioner of Patents, Ottawa-Hull, Canada K1A 0C9. Definitions of the type of subject matter found in any class or subclass may be purchased for most of the classes. The cost of these individual schedules and definitions is 50¢ per page reproduced by the Patent Office.

5. How to Purchase Paper Copies of Canadian Patents and Canadian Laid-Open Applications

Paper copies of Canadian Patents numbers 1 to 445,930 can be purchased at a cost of four dollars (\$4) per copy by visiting our web site at www.strategis.ic.gc.ca/patentsorder or by writing to the Commissioner of Patents, Ottawa-Hull, K1A 0C9.

Paper copies of all other Canadian Patents and Canadian Laid-Open Applications may be purchased at the cost of \$.50 per page by visiting www.strategis.ic.gc.ca/patentsorder or by writing to the Commissioner of Patents, Ottawa-Hull, K1A 0C9.

2. Code des pays

Une liste complète des codes de pays a été publiée dans le numéro du 24 octobre 2000 et sera republiée deux fois par année dans le dernier numéro des mois de avril et d'octobre.

3. Liste des classes canadiennes

Un index numérique des titres de la classification canadienne sera publié dans le premier numéro de janvier, à chaque année.

Toute personne désirant savoir dans quelles classes sont classifiés les sujets auxquels il/elle porte un intérêt particulier peut se renseigner en écrivant au Bureau des brevets. Des sujets connexes peuvent parfois figurer dans des classes différentes et une personne qui ne serait pas complètement familière avec le système de classification pourrait omettre les classes. On peut également obtenir une liste alphabétique des titres des objets classifiés dans les différentes classes en écrivant au Commissaire aux brevets, Ottawa-Hull, Canada K1A 0C9.

4. Listes et définitions des classes

Il est possible d'acheter les listes des sous-classes pour chacune des classes énumérées dans ces pages en écrivant au Commissaire aux brevets, Ottawa-Hull, Canada K1A 0C9. Des définitions selon les sujets se trouvant dans chaque classe ou sous-classe peuvent aussi être achetées pour la plupart des classes. Les prix de ces listes et définitions individuelles est de 0,50 \$ par page reproduite par le Bureau des brevets.

5. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier des brevets canadiens, numéros 1 à 445,930, sont disponibles au coût de quatre dollars (4 \$) par copie, en visitant notre site web à l'adresse suivante www.strategis.ic.gc.ca/brevetscommande ou en écrivant au Commissaire aux brevets, Ottawa-Hull, K1A 0C9.

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 0.50\$ par page en visitant notre site web au www.strategis.ic.gc.ca/brevetscommande ou en écrivant au Commissaire aux brevets, Ottawa-Hull, K1A 0C9.

Notices

6. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of .50\$ per page from the Patent Office.

7. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit on request from the Commissioner of Patents, Ottawa-Hull, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied on request.

8. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Hull, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the Patent Act. Applications for a compulsory licence are made to the Commissioner of Patents.

9. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the Patent Office Record indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 10 of these notices.

6. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expirés, peuvent être commandées auprès du Bureau des brevets au prix de 0,50 \$ la page.

7. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Hull, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

8. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Hull, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la Loi sur les brevets. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

9. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la Gazette du Bureau des brevets, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 10 des présents avis.

Avis

10. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing.

2,166,255

11. Laid-Open Applications

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the Patent Act). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the Patent Rules. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

12. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence.

2,166,255

11. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposées au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la Loi sur les brevets). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des Règles sur les brevets. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

12. Langue du document publié

Toute personne intéressée d'obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

Notices

13. Patent Cooperation Treaty (PCT)

13. Traité de coopération en matière de brevets (PCT)

SCHEDULE OF FEES APPLICABLE AS OF DECEMBER 1, 2001

BARÈME DE TAXES À PARTIR DU 01 DECEMBRE 2001

FEES	AMOUNTS \$
1. Transmittal Fee: (Rule 14)	200.00
2*. Basic Fee:	562.00
Amount for each additional sheet over 30	13.00
3. Designation Fee: (Rule 15.2(a))	121.00
The maximum that can be charged for the Designation Fee is \$726.00; therefore, if more than 6 countries are designated the fee remains \$726.00	

4. **International Search Fee** 1,338.00
The above mentioned fees are due at time of filing of the International Application, or within one month from the International Filing Date (date of receipt of the International Application by the Receiving Officer). If the International Application does not contain a priority claim, the Designation Fee is due within one year from the International Filing Date. These fees are to be paid in Canadian dollars and made payable to the Receiver General of Canada.

If the fees are not paid within one month from the International Filing Date, the Receiving Office shall invite the Applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the Receiving Office.

5. **Late Payment Fee** 50% of the fees that are due, or,
Minimum: Transmittal Fee
Maximum: Basic Fee

Preliminary Examination

6. **Handling Fee:** 287.51 Deutsche Marks
(Rule 57.2(a)) 147 Euro Dollars

7. **Preliminary Examination Fee:** 2,998.29 Deutsche Marks
(Rule 58) 1,533 Euro Dollars

The Preliminary Examination Fees are paid in Deutsche Marks or Euro Dollars. They should be paid directly to the European Patent Office in Munich but may now be filed in the Canadian Receiving Office. Please note that the European Patent Office will NOT consider the fees as being received until they reach Europe. It is preferable to fax both the demand and a copy of the bank draft to the EPO at 011-4989-2399-4465.

* International fees will be reduced by \$173.00 for all applications filed using PCT-Easy.

TAXES	MONTANTS \$
1. Taxe de transmission: (Règle 14)	200,00
2*. Taxe de base:	562,00
Montant pour chaque feuille au delà de 30	13,00
3. Taxe de désignation (par pays) (Règle 15.2(a))	121,00
Le maximum payable pour la taxe de désignation est de 726,00 \$; donc, si plus que 6 pays sont désignés, la taxe demeure 726,00 \$.	

4. **Taxe de recherche internationale** 1,338.00
Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date du dépôt de la demande (soit la date de réception de la demande internationale). Si la demande ne contient pas de revendication de priorité, la taxe de désignation est due dans un délai d'un an à compter de la date du dépôt de la demande internationale. Les taxes doivent être payées en dollars canadien et sont payables au Receveur Générale du Canada.

Si l'office récepteur constate que le déposant ne lui a payé aucune taxe, il invite le déposant à lui payer, dans un délai d'un mois à compter de la date de l'invitation, le montant nécessaire pour couvrir ces taxes, majoré, le cas échéant, de la taxe pour paiement tardif visée à la règle 16bis.2.

5. **Taxe pour paiement tardif** 50% du montant impayé, ou,
Minimum: taxe de transmission
Maximum: taxe de base

Examen préliminaire

6. **Taxe de traitement:** 287.51 marks allemands
(Règle 57.2(a)) 147 dollars euro

7. **Taxe d'examen préliminaire:** 2 998,29 marks allemands
(Règle 58) 1 533 dollars euro

Les taxes d'examen préliminaire Deutsche Marks ou en Euro Dollars. Elles doivent être payées à l'Office européen des brevets mais peuvent être payées à l'Office récepteur du Canada. Veuillez noter que l'Office européen NE considérera PAS les honoraires comme étant reçu jusqu'à ce qu'ils atteignent l'Europe. Il est préférable d'envoyer la demande et une copie par fax de la traite bancaire au 011-4889-2399-4465.

*Les frais seront réduits par 173,00 \$ pour toutes les demandes déposées en utilisant PCT-Easy.

Avis

14. PCT Notices

PCT Signature Requirements

Please note that in conformity with the PCT requirements, the European Patent Office (EPO) requires that the signature identifies a physical person (whose name should be typewritten below the signature); where the person signs on behalf of a legal entity, the capacity should also be indicated (typewritten). (See PCT -Applicant's Guide, <http://www.wipo.int>).

Patent Cooperation Treaty (PCT)

Copies of the Patent Cooperation Treaty Applicants Guide and the Patent Cooperation Treaty & Regulations are available from WIPO at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively. Those wishing for further information including prices for both previous and current subscriptions should contact WIPO -World Intellectual Property Organization at Information Products Section, Post Office Box 18, 1211 Geneva 20, Switzerland, Telephone (011 41 22) 338-9618, Facsimile (011 41 22) 740-1812 or by E-Mail at publications.mail@wipo.int or visit their website at <http://www.wipo.int>.

15. Canadian Laid-Open Applications

The Patent Office Record of December 18, 2001 contains laid-open applications from November 25, 2001 - December 1, 2001.

16. Notices

Effective December 1, 2001, the US patent collection in paper format will no longer be available in the Client Service Centre. However, other search tools are accessible in the Centre.

CIPO Client Service Centre

14. Avis PCT

Exigences des signatures du PCT

Veillez noter que conformément aux exigences du PCT, l'Office européen des brevets (OEB) réclame que la signature identifie une personne physique dont le nom dactylographié devrait apparaître au-dessous de la signature. Lorsque telle personne signe au nom d'une personne morale, il convient d'indiquer, également en caractères dactylographiques, la qualité du signataire. (Voir le Guide du déposant - PCT, <http://www.wipo.int>).

Traité de Coopération en matière de brevets (PCT)

Des copies du Guide du déposant - PCT ainsi que du Traité et des Règlements sont disponibles auprès de l'OMPI au coût de 200 francs suisses et 18 francs suisses, respectivement. Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à l'OMPI - Organisation mondiale de la propriété intellectuelle à la Section des produits d'information, Boîte postale 18, 1211 Genève 20, Suisse, Téléphone (011 41 22) 338-9618, Télécopieur (011 41 22) 740-1812 ou par courriel à publications.mail@wipo.int ou visiter leur site web à <http://www.wipo.int>.

15. Demandes Canadiennes mises à la disponibilité du public

Ce numéro de la Gazette des brevets du Canada contient les demandes disponibles au public pour consultation pour la période du 25 novembre 2001 - 1 décembre 2001.

16. Avis

À compter du 1er décembre 2001, la collection papier des brevets américains ne sera plus disponible au Centre de services à la clientèle. Toutefois, d'autres outils de recherches sont accessibles dans le Centre.

Le Centre de services à la clientèle de l'OPIC

Canadian Patents Issued

December 18, 2001

Brevets canadiens délivrés

18 décembre 2001

[11] **1,341,327**
[13] C

[52] 204-22.6 204-22.7
[51] **Int.Cl. 7C25D 11/02 7C23C 18/18 7C25D 5/34**
[25] EN
[54] **METHODS FOR DEPOSITING FINISH COATINGS ON SUBSTRATES OF ANODISABLE METALS AND THE PRODUCTS THEREOF**
[54] **METHODS DE DEPOSITION DE REVETEMENTS DE FINITION SUR DES ELEMENTS METALLIQUES SE PRETANT A L'ANODISATION, AINSI QUE LES PRODUITS QUI EN DERIVENT**
[72] Fern, Dan, CA
[72] Hanthorn, Christopher James, CA
[73] **ALCAN INTERNATIONAL LIMITED, CA**
[21] **610,259**
[22] 1989-09-05

[11] **2,006,669**
[13] C

[51] **Int.Cl. 5B29D 23/22**
[25] FR
[54] **PROCEDE POUR INTEGRER UN EMBOUT METALLIQUE A UN TUBE EN MATERIAU COMPOSITE BOBINE ET TUBE AINSI REALISE**
[54] **PROCESS FOR INTEGRATING A METAL END CAP TO A WOUND COMPOSITE MATERIAL TUBING AND SO FABRICATED TUBING**
[72] Auberon, Marcel, FR
[72] Odru, Pierre, FR
[72] Sparks, Charles, FR
[72] Fuchs, Jean-François, FR
[73] **Aérospatiale Société Nationale Industrielle, FR**
[73] **INSTITUT FRANCAIS DU PETROLE, FR**
[22] 1989-12-27
[30] FR (88 17392) 1988-12-29

[11] **2,014,789**
[13] C

[51] **Int.Cl. 5B65D 47/32**
[25] EN
[54] **DISPENSING PACKAGE FOR FLUID PRODUCTS AND THE LIKE**
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[73] **SEAQUIST CLOSURES FOREIGN, INC., US**
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[72] Pein, Regis, FR
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[13] C

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[25] EN
[54] **METHOD AND APPARATUS FOR MAXIMIZING THE TRANSMISSION CAPACITY OF A MULTI-CHANNEL BIDIRECTIONAL COMMUNICATIONS LINK**
[54] **METHODE ET APPAREIL POUR MAXIMISER LA CAPACITE DE TRANSMISSION D'UNE LIAISON DE COMMUNICATION BIDIRECTIONNELLE MULTIVOIE**
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[72] GROVER, WAYNE D., CA
[72] FONG, Tommy, CA
[72] DUBUC, Joe P., CA
[72] FRASER, George D., CA
[73] **ALBERTA TELECOMMUNICATIONS RESEARCH CENTRE, CA**
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[51] **Int.Cl. 5B22D 11/06 5B22D 11/16**
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[54] **METHOD AND APPARATUS FOR STEERING CASTING BELTS OF CONTINUOUS METAL-CASTING MACHINES**
[54] **PROCEDE POUR L'ORIENTATION DES BANDES DANS UNE MACHINE A COULER LE METAL EN CONTINU**
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[72] Desautels, S. Jerry, US
[73] **Hazelett Strip-Casting Corporation, US**
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[73] Aérospatiale Société Nationale Industrielle, FR
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[25] EN
[54] **MOLDABLE CERAMIC COMPOSITION AND PROCESS FOR FINE DIAMETER CERAMIC FIBERS**
[54] **COMPOSITION DE CERAMIQUE MOULABLE ET METHODE DE PRODUCTION DE FIBRES DE CERAMIQUE DE PETIT DIAMETRE**
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[72] Johnson, Curtis Alan, US
[73] GENERAL ELECTRIC COMPANY, US
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[25] EN
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[54] **ALDEHYDE-ADDUCT ET SON UTILISATION POUR LA PREPARATION D'UN COMPOSE DE VITAMINE D**
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[11] **2,021,009**
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[51] **Int.Cl. 5C08L 27/06**
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[73] CERTAINTTEED CORPORATION, US
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[13] C

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[72] Lopez, Claudio, US
[73] Survival Technology, Inc., US
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[11] **2,021,276**
[13] C

[51] **Int.Cl. 5E21B 43/16**
[25] EN
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[73] SHELL CANADA LIMITED, CA
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[11] **2,023,191**
[13] C

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[73] THE GOODYEAR TIRE & RUBBER COMPANY, US
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[11] **2,025,841**
[13] C

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[73] RAMI-VISION SYSTEMS, LLC, US
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[11] **2,026,153**
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[54] **BALAI MECANIQUE A DEVERSEMENT FRONTAL PAR-DESSUS CABINE**
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[11] **2,026,617**
[13] C

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[25] EN
[54] **METHOD AND APPARATUS FOR MEASURING MULTIPLE OPTICAL PROPERTIES OF BIOLOGICAL SPECIMENS**
[54] **METHODE ET APPAREIL POUR MESURE PLUSIEURS PROPRIETES OPTIQUES DE SPECIMENS BIOLOGIQUES**
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[73] COMPUCYTE CORPORATION, US
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[13] C

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[54] **METHODE D'OBTURATION D'OUVRAGES MINIERES**
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[30] US (561,761) 1990-08-02

[11] **2,028,503**
[13] C

[51] **Int.Cl. 5C08L 51/00 5C08L 57/00 5C08L 27/12 5D06M 15/21**
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[72] Rottger, Jutta, DE
[72] Passon, Karl-Heinz, DE
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[72] Meyer, Rolf-Volker, DE
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[11] **2,029,491**
[13] C

[51] **Int.Cl. 5B32B 5/26 5D06M 17/00**
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[54] **MATERIAU MULTICOUCHE TEXTILE-ELASTOMERE NON TISSE**
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[72] Shultz, Jay S., US
[73] KIMBERLY-CLARK WORLDWIDE, INC., US
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[11] **2,029,849**
[13] C

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[54] **STRUCTURE ABSORBANTE**
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[72] Shih-Schroeder, Wen-Huey, US
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[73] ZENECA LIMITED, GB
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[13] C
[51] **Int.Cl. 5H04Q 3/42**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING THE ACCESS RATES OF PACKET SWITCHING NETWORK STATIONS**
[54] **SYSTEME ET METHODE POUR CONTROLER LES CADENCES D'ACCES DES STATIONS D'UN RESEAU A COMMUTATION DE PAQUETS**
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[72] Scheys, Guy François Jules, BE
[72] Semal, Pierre Nicolas Willy, BE
[73] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL
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[72] Hadjimitsos, Panos, US
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[86] 1990-05-25 (PCT/JP90/00674)
[87] (WO90/14065)

[11] **2,033,729**
[13] C
[51] **Int.Cl. 5G11B 7/00 5G11B 7/007**
[25] EN
[54] **DATA DISC AND METHOD FOR RETRIEVING DATA RECORDED ON DATA DISC**
[54] **DISQUE DE STOCKAGE DE DONNEES ET METHODE D'EXTRACTION DES DONNEES STOCKEES SUR CE DISQUE**
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[73] SONY CORPORATION, JP
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[11] **2,033,903**
[13] C
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[72] Phillips, David O., US
[73] General Electric Company, US
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[54] **SYSTEME ET METHODE D'IDENTIFICATION D'OBJETS A COUPLAGE INDUCTIF**
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[30] US (472,699) 1990-01-31

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[13] C
[51] **Int.Cl. 5H01H 9/22**
[25] EN
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[54] **DISPOSITION D'INTERVERROUILLAGE DE MANETTE DE DISJONCTEUR**
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[72] Morris, Robert Allan, US
[73] GENERAL ELECTRIC COMPANY, US
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[13] C
[51] **Int.Cl. 5C07D 321/00 5C07C 43/172 5C07C 43/178 5C07F 9/40 5C07F 9/655**
[25] EN
[54] **SYNTHESIS OF STABLE WATER-SOLUBLE CHEMILUMINESCENT 1,2-DIOXETANES AND INTERMEDIATES THEREFOR**
[54] **SYNTHESE DE 1,2-DIOXOETHANES HYDROSOLUBLES STABLES ET CHIMILUMINESCENTS, ET LEURS INTERMEDIAIRES**
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[72] Juo, Rouh-Rong, US
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[85] 1991-02-21
[86] 1990-09-04 (PCT/US90/04919)
[87] (WO91/03479)
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[30] US (574,784) 1990-08-30

[11] **2,035,227**
[13] C
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[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US
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[13] C

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[54] **PRODUIT AMORTISSEUR DE**
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[73] BAYER CORPORATION, US
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[11] **2,037,421**
[13] C

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[54] **APPAREIL D'INHALATION**
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[72] Hearne, David John, GB
[72] Rand, Paul Kenneth, GB
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[73] GLAXO GROUP LIMITED, GB
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[30] GB (9004781.2) 1990-03-02

[11] **2,037,913**
[13] C

[51] **Int.Cl. 5C08J 9/08 5C08L 3/02**
[25] EN
[54] **EXPANDED ARTICLES OF**
BIODEGRADABLE PLASTICS
MATERIALS AND A METHOD FOR
THEIR PRODUCTION
[54] **ARTICLES FAITS DE MATIERES**
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FABRICATION CONNEXE
[72] Bastioli, Catia, IT
[72] Bellotti, Vittorio, IT
[72] Del Giudice, Luciano, IT
[72] Lombi, Roberto, IT
[72] Rallis, Angelos, IT
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[85] 1991-03-28
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[87] (WO91/02023)
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[11] **2,038,469**
[13] C

[51] **Int.Cl. 5G11C 7/00**
[25] EN
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[54] **METHODE DE DETECTION**
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[11] **2,038,824**
[13] C

[51] **Int.Cl. 5C07C 5/27 5C07C 9/00**
[25] EN
[54] **COMBINATION PROCESS FOR**
HYDROGENATION AND
ISOMERIZATION OF BENZENE- AND
PARAFFIN-CONTAINING
FEEDSTOCKS
[54] **PROCESSUS COMBINE**
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[13] C

[51] **Int.Cl. 5C09D 5/34**
[25] EN
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[54] **REPLACEMENT DE L'ARGILE**
ET DU MICA PAR DU CMC DANS LES
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[73] Aqualon Company, US
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[30] US (508,563) 1990-04-13

[11] **2,041,188**
[13] C

[51] **Int.Cl. 5B24C 3/00**
[25] EN
[54] **NOZZLE UNIT AND METHOD FOR**
USING WET ABRASIVES TO CLEAN
HARD SURFACES
[54] **BUSE ET METHODE DE**
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PAR JET D'ABRASIFS MOUILLES
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[72] Gulau, Dennis J., US
[73] THE DOW CHEMICAL COMPANY,
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[30] US (515,146) 1990-04-26

[11] **2,041,831**
[13] C

[51] **Int.Cl. 5C07D 303/36 5C08G 59/20**
[25] EN
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[54] **COMPOSE A BASE DE N-**
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[72] Thoseby, Michael Robert, GB
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[30] GB (90 102 21.1) 1990-05-05

[11] **2,042,290**
[13] C

[51] **Int.Cl. 5H04Q 3/42**
[25] EN
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[54] **COMMUTATEUR**
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[72] Burkhardt, Henry III, US
[72] Rothnie, James B., US
[72] Epstein, David I., US
[72] Morss, Stephen W., US
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[22] 1991-05-10
[30] US (526,396) 1990-05-18

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[13] C

[51] **Int.Cl. 5G06F 15/46**
[25] EN
[54] **METHOD FOR COLLECTING DATA BY A MANUFACTURING PROCESS MANAGER FROM A PLURALITY OF PROGRAMMABLE LOGIC CONTROLLERS**
[54] **METHODE DE SAISIE DE DONNEES A PARTIR DE PLUSIEURS CONTROLEURS LOGIQUES PROGRAMMABLES POUR GESTIONNAIRE DE PROCESSUS DE FABRICATION**
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[72] Hall, James F., US
[73] GE Fanuc Automation North America, Inc., US
[73] SATURN CORPORATION, US
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[30] US (539,858) 1990-06-18

[11] 2,043,218
[13] C

[51] **Int.Cl. 5G01C 19/72**
[25] EN
[54] **DEVICE FOR AND METHOD OF MEASURING ABSOLUTE ROTATIONS IN SEVERAL DIRECTIONS IN SPACE**
[54] **DISPOSITIF ET METHODE POUR MESURER LES ANGLES DE ROTATION ABSOLUS DANS PLUSIEURS DIRECTIONS**
[72] Scholz, Joachim, DE
[72] Oswald, Michael, DE
[73] SFIM INDUSTRIES DEUTSCHLAND GmbH, DE
[22] 1991-05-24
[30] DE (P 40 18 397.1) 1990-06-08

[11] 2,043,450
[13] C

[51] **Int.Cl. 5A61K 9/107 5A61L 25/00**
[25] EN
[54] **GELS IN THE FORM OF HIGHLY HYDRATED SELF-SUPPORTING FILM, THE PROCESS FOR THEIR PREPARATION, AND THEIR USE IN THERAPY OF CUTANEOUS LESIONS AND/OR PATHOLOGIES**
[54] **GELS SOUS FORME DE PELLICULE HAUTEMENT HYDRATEE, PROCEDE DE PREPARATION ET UTILISATION DANS LE TRAITEMENT DES LESIONS ET/OU DES PATHOLOGIES CUTANEEES**
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[72] Rastrelli, Alessandro, IT
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[72] Romeo, Aurelio, IT
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[30] IT (20477) 1990-05-30

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[13] C

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[54] **DUAL-FLOW CYCLON SEPARATOR AND ITS USES**
[72] Gauthier, Thierry, FR
[72] Galtier, Pierre, FR
[72] Bergougnou, Maurice, CA
[72] Briens, Cédric, CA
[73] INSTITUT FRANCAIS DU PETROLE, FR
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[30] FR (90/06.937) 1990-06-05

[11] 2,044,106
[13] C

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[54] **PROCEDE DE PREPARATION DE 1,3-DIOXOLANES HALOGENES ET NOUVEAUX PRODUITS OBTENUS**
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[72] Montanari, Vittorio, IT
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[54] **CONTINUOUS PROCESS FOR PREPARING POLY(BUTYLENE TEREPHTHALATE) OLIGOMER OR POLY(BUTYLENE ISOPHTHALATE) OLIGOMER**
[54] **PROCEDE D'OBTENTION CONTINUE D'UN OLIGOMERE DE POLY(TEREPHTHALATE DE BUTYLENE) OU D'UN OLIGOMERE DE POLY(ISOPHTHALATE DE BUTYLENE)**
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[73] GENERAL ELECTRIC COMPANY, US
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[25] EN
[54] **EXPRESSION OF EXOGENOUS POLYNUCLEOTIDE SEQUENCES IN A VERTEBRATE**
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[72] Wolff, Jon A., US
[72] Rhodes, Gary H., US
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[72] Carson, Dennis A., US
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[73] Wisconsin Alumni Research Foundation, US
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[54] **COMPOSITIONS POUVANT SERVIR DE LIANTS ET LEUR UTILISATION DANS DES COMPOSITIONS DE REVETEMENT ET DE SCELLEMENT**
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[25] FR
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[54] CATAMARAN RENVERSABLE POUR TRANSPORT SUR TOITURE DE VOITURE, MUNI D'UN SUPPORT UNIVERSEL POUR BARRE DE GOUVERNAIL OU DERIVE CENTRALE
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[73] ABERNATHY, GARY, US
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[73] KIMBERLY-CLARK WORLDWIDE, INC., US
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[13] C

[51] Int.Cl. 5B01J 8/02
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[54] CONTAINER FOR GRANULAR SOLID MATERIALS, PRODUCING AND APPLICATIONS THEREOF, PARTICULARLY FOR CATALYSIS AND ADSORPTION
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[54] SYSTEME DE REFRIGERATION A DEGIVRAGE PAR GAZ CHAUDS
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[30] US (484,847) 1990-02-26

[11] 2,054,223
[13] C

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[25] EN
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[73] Spraying Systems Co., US
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[30] US (07/606,438) 1990-10-31

[11] 2,057,917
[13] C

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[25] EN
[54] NEW CLASS OF COMPOUNDS HAVING A VARIABLE SPECTRUM OF ACTIVITIES FOR CAPSAICIN-LIKE RESPONSES, COMPOSITIONS AND USES THEREOF
[54] NOUVELLE CLASSE DE COMPOSES A SPECTRE VARIABLE D'ACTIVITE POUR DES REPONSES APPARENTEES A CELLES DU TYPE CAPSAICINE; COMPOSITIONS ET USAGES
[72] Blumberg, Peter M., US
[72] Szallasi, Arpad, US
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[73] UNITED HEALTHCARE CORPORATION, US
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[73] MILLIKEN & COMPANY, US
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5A61K 31/375**
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[54] **METHOD FOR THE TREATMENT
OF AGING OR PHOTO-DAMAGED
SKIN**
[54] **METHODE POUR LE
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[13] C

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[54] **RECORDING MEDIUM AND A
METHOD AND APPARATUS FOR
RECORDING AND REPRODUCING
DIGITAL DATA IN DATA CLUSTERS
AND CLUSTER LINKING SECTORS ON
THE RECORDING MEDIUM**
[54] **SUPPORT D'ENREGISTREMENT
ET METHODE ET APPAREIL POUR
ENREGISTRER ET REPRODUIRE DES
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[30] US (484,763) 1990-02-26

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[13] C

[51] **Int.Cl. 5H02H 3/16**
[25] EN
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[72] Robitaille, James M., US
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[54] **ENZYMES AMPLIFIED
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[13] C

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[54] **GLOVES AND METHOD OF
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[73] Sumitomo Rubber Industries Limited, JP
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[13] C

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[54] **APPAREIL PERMETTANT DE
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[25] EN
[54] **POLYISOCYANATES CONTAINING ALLOPHANATE AND ISOCYANURATE GROUPS, A PROCESS FOR THEIR PRODUCTION AND THEIR USE IN TWO-COMPONENT COATING COMPOSITIONS**
[54] **POLYISOCYANATES CONTENANT DES GROUPEES ALLOPHANATE ET ISOCYANURATE, PROCEDE POUR LEUR PRODUCTION, ET LEUR UTILISATION DANS DES COMPOSITIONS DE REVETEMENT A DEUX COMPOSANTES.**
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[72] Jacobs, Patricia B., US
[73] BAYER CORPORATION, US
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[30] US (07/733,566) 1991-07-22

[11] **2,073,732**
[13] C
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[72] Allongue, Marc, FR
[73] Société Anonyme dite : Aerospatiale Société Nationale Industrielle, FR
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[54] **FORMULATIONS ORALES AMELIOREES DE NUCLEOSIDES A BASE DE DIDEOXYPURINE**
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[72] Agharkar, Shreeram Narahari, US
[72] Wiley, Gary James, US
[73] BRISTOL-MYERS SQUIBB COMPANY, US
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[54] **JOINT D'ETANCHEITE DE VOIE D'ECOULEMENT D'AIR ACTIVE PAR L'ECOULEMENT**
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[72] Rocklin, Mark Stephen, US
[72] Maloon, Roger Earl, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **ENSEMBLE DE VENTILATEUR A FAIBLE BRUIT**
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[72] Ho, Patrick Yu-Sing, US
[73] GENERAL ELECTRIC COMPANY, US
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[11] **2,076,102**
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[51] **Int.Cl. 5F02C 9/00**
[25] EN
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[73] GENERAL ELECTRIC COMPANY, US
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[11] **2,078,684**
[13] C
[51] **Int.Cl. 5C07F 7/10 5A61K 31/43 5A61K 31/695 5C07C 69/716 5C07D 499/88**
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[54] **PROCEDE D'OBTENTION D'ESTERS DE PENEME**
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[72] Cabri, Walter, IT
[72] Marchi, Marcello, IT
[72] Perrone, Ettore, IT
[73] FARMITALIA CARLO ERBA S.R.L., IT
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[86] 1991-03-18 (PCT/EP91/00522)
[87] (WO91/14691)
[30] GB (9006114.4) 1990-03-19

[11] **2,078,695**
[13] C
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[72] Thompson, Harold Edward, US
[72] Kelch, Richard Alan, US
[73] OMS INVESTMENTS, INC., US
[85] 1992-09-18
[86] 1991-03-22 (PCT/US91/01950)
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[11] **2,078,757**
[13] C
[51] **Int.Cl. 5B65B 47/00 5B65B 39/14**
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[54] **MATERIEL D'EMBALLAGE AUTOMATIQUE AMELIORE**
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[13] C

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[54] **METHODE DE SUPPRESSION DE VIBRATION DE TORSION DANS UN SYSTEME DE COMMANDE DE VITESSE DE MOTEUR ET APPAREIL CONNEXE**
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[30] JP (3-14517) 1991-02-05

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[13] C

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[11] **2,134,478**
[13] C

[51] **Int.Cl. 5G01N 33/543 5G01N 35/00 5C12M 3/08 5G01N 1/28 5C12M 1/40 5C12Q 1/68 5C12Q 1/70**
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[54] **STRUCTURES MICROFABRIQUEES DE DETECTION**
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[72] Zemel, Jay N., US
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[86] 1993-04-29 (PCT/US93/04013)
[87] (WO93/22053)
[30] US (877,536) 1992-05-01
[30] US (877,701) 1992-05-01
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[11] **2,134,871**
[13] C

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[25] EN
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[54] **PROCEDE INTEGRE ET APPAREILLAGE POUR LE SECHAGE ET LA GAZEIFICATION DE COMBUSTIBLES CARBONES**
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[72] Campisi, Anthony, AU
[72] Anderson, Bernard, AU
[72] Wilson, David M., AU
[72] Huynh, Danh Q., AU
[72] Pleasance, Graeme E., AU
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[54] **SAC EN TISSU, TOILE POUR SACS ET PROCEDE POUR LA FABRICATION DE CETTE TOILE**
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[85] 1994-11-08
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[73] EATON CORPORATION, US
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[73] LORD CORPORATION, US
[85] 1994-12-19
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[72] Yeung, B.W. Anissa, CA
[72] Drappel, Stephan V., CA
[73] XEROX CORPORATION, US
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[30] US (190,437) 1994-02-02

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[13] C

[51] **Int.Cl. 6A61K 47/30 6A61K 9/10**
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[54] **ORAL CONTROLLED RELEASE LIQUID SUSPENSION PHARMACEUTICAL FORMULATION**
[54] **FORMULATION PHARMACEUTIQUE SOUS FORME DE SUSPENSION LIQUIDE ADMINISTREE PAR VOIE ORALE, POUR DEGAGEMENT PROLONGE**
[72] MODI, Pankaj, CA
[73] GENEREX PHARMACEUTICALS INC., CA
[22] 1995-02-21
[30] US (08/199,933) 1994-02-22

[11] **2,144,076**
[13] C

[51] **Int.Cl. 6G01R 29/08 6G01R 15/24**
[25] EN
[54] **ELECTRIC FIELD SENSOR HAVING SENSOR HEAD WITH UNBALANCED ELECTRIC FIELD SHIELD TO SHIELD BRANCHED OPTICAL WAVEGUIDES AGAINST AN APPLIED ELECTRIC FIELD**
[54] **CAPTEUR DE CHAMP ELECTRIQUE AYANT UNE TETE DE CAPTEUR AVEC UN PROTECTEUR DE CHAMP ELECTRIQUE NON-BALANCE A UN PROTECTEUR DE GUIDE D'ONDES OPTIQUES RAMIFIEES CONTRE UN CHAMP ELECTRIQUE APPLIQUE**
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[72] Kondo, Michikazu, JP
[73] TOKIN CORPORATION, JP
[85] 1995-03-07
[86] 1994-07-07 (PCT/JP94/01104)
[87] (WO95/02192)
[30] JP (168020/1993) 1993-07-07
[30] JP (49178/1994) 1994-03-18

[11] **2,144,080**
[13] C

[51] **Int.Cl. 6G01R 29/08 6G01R 15/22**
[25] EN
[54] **ELECTRIC FIELD SENSOR**
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[11] **2,145,097**
[13] C

[51] **Int.Cl. 6A47C 27/10 6A61G 7/057**
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[72] McGrath, Michael Alan, GB
[73] PEGASUS LIMITED, GB
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[13] C

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[54] **APPAREIL D'ARROSAGE A COUSSIN D'AIR**
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[73] A.C. SPRAYERS INC., CA
[22] 1995-05-26
[30] GB (9410821.4) 1994-05-31

[11] **2,151,988**
[13] C

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[25] EN
[54] **CARRIER FOR ELECTROPHOTOGRAPHY, TWO COMPONENT-TYPE DEVELOPER AND IMAGE FORMING METHOD**
[54] **SUPPORT D'ELECTROPHOTOGRAPHIE, REVELATEUR A DEUX ELEMENTS ET METHODE D'IMAGERIE**
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[72] Takiguchi, Tsuyoshi, JP
[72] Ida, Tetsuya, JP
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[11] **2,152,910**
[13] C

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[25] EN
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[72] Sørensen, Kent, SE
[73] Perstorp AB, SE
[85] 1995-06-28
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[13] C

[51] **Int.Cl. 6B68G 9/00**
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[54] **MANUFACTURE OF POCKET SPRING ASSEMBLIES**
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[73] FURNITURE ROW TECHNOLOGIES, LLC, US
[85] 1995-08-01
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[54] **DYNAMIC LINKING SYSTEM**
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[72] Palevitch, Jack H., US
[72] Rosenstein, Larry S., US
[72] Schaeffer, Arnold, US
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[51] **Int.Cl. 6A61K 9/127**
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[72] Woodle, Martin C., US
[72] Lasic, Danilo D., US
[72] Martin, Francis J., US
[73] ALZA CORPORATION, US
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[30] US (08/025,602) 1993-03-03

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[13] C

[51] **Int.Cl. 6D21D 5/16**
[25] EN
[54] **METHOD OF MAKING A SCREEN CYLINDER, AND A SCREEN CYLINDER**
[54] **CYLINDRE DE TAMISAGE ET METHODE DE FABRICATION CONNEXE**
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[73] METSO PAPER, INC., FI
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[11] **2,160,039**
[13] C

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[25] EN
[54] **METHOD FOR SEPARATING SULFONE FROM A HYDROCARBON STREAM HAVING A SMALL CONCENTRATION OF SULFONE**
[54] **METHODE POUR SEPARER UN SULFONE D'UN CIRCUIT D'HYDROCARBURES RENFERMANT UNE FAIBLE CONCENTRATION DE CE COMPOSE**
[72] Hovis, Keith W., US
[72] Hunt, Harold R., US
[72] Eldridge, Robert B., US
[73] PHILLIPS PETROLEUM COMPANY, US
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[30] US (08/388,532) 1995-02-14

[11] **2,160,300**
[13] C

[51] **Int.Cl. 6H04N 7/50**
[25] EN
[54] **METHOD AND APPARATUS FOR PARTIALLY RECOMPRESSING DIGITAL SIGNALS**
[54] **METHODE ET APPAREIL DE RECOMPRESSION PARTIELLE DE SIGNAUX NUMERIQUES**
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[73] GENERAL INSTRUMENT CORPORATION OF DELAWARE, US
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[30] US (08/335,650) 1994-11-08

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[13] C

[51] Int.Cl. 6H04N 7/50
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[54] FILTRE D'INTERPOLATION DE PIXELS POUR PROCESSEUR DE DECOMPRESSION VIDEO
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[72] Vuong, Bao, US
[73] GENERAL INSTRUMENT CORPORATION OF DELAWARE, US
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[11] 2,160,398
[13] C

[51] Int.Cl. 6C08L 23/06 6G02B 6/44
[25] EN
[54] SPACER FOR OPTICAL FIBER CABLE AND POLYETHYLENE RESIN COMPOSITION THEREFOR
[54] ENTREPRISE POUR CABLE DE FIBRES OPTIQUES; LA RESINE DE POLYETHYLENE POUR L'OBTENTION DE L'ENTRETOISE
[72] Sasai, Kunihiro, JP
[72] Kotani, Terumitu, JP
[72] Nakamura, Akira, JP
[72] Shibano, Hiroshi, JP
[72] Tanaka, Takashi, JP
[72] Saito, Takashi, JP
[72] Satani, Hiroshi, JP
[73] SHOWA DENKO K.K., JP
[73] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
[22] 1995-10-12
[30] JP (7-190605) 1995-07-26

[11] 2,160,725
[13] C

[51] Int.Cl. 6C07D 403/10 6A61K 31/415
[25] EN
[54] PROCESS FOR THE PREPARATION OF A TETRAZOLE DERIVATIVE IN TWO CRYSTALLINE FORMS AND NOVEL CRYSTALLINE FORM OF SAID DERIVATIVE
[54] METHODE DE PREPARATION D'UN DERIVE DU TETRAZOLE SOUS DEUX FORME CRISTALLINES; NOUVELLE FORME CRISTALLINE DE CE DERIVE
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[72] Chantreux, Dominique, FR
[72] Bouloumie, Colette, FR
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[30] FR (94 12459) 1994-10-19

[11] 2,161,806
[13] C

[51] Int.Cl. 6D06F 95/00
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[54] INSTALLATION ET METHODE DE DECONTAMINATION DE LAVERIE
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[73] Reinert, Gary L., Sr., US
[85] 1995-10-30
[86] 1994-05-06 (PCT/US94/04998)
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[30] US (08/058,244) 1993-05-10

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[13] C

[51] Int.Cl. 6C08L 33/26 6C09K 7/02 6C08L 71/08
[25] EN
[54] COMPOSITIONS COMPRISING AN ACRYLAMIDE-CONTAINING POLYMER AND PROCESS THEREWITH
[54] COMPOSITIONS RENFERMANT UN POLYMERE A BASE D'ACRYLAMIDE; PROCEDES UTILISANT CES COMPOSITIONS
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[72] Muller, T. George, US
[73] PHILLIPS PETROLEUM COMPANY, US
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[30] US (08/392,457) 1995-02-21

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[13] C

[51] Int.Cl. 6H04L 12/56
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[72] Richards, Gaylord Warner, US
[73] AT&T CORP., US
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[30] US (366,704) 1994-12-30
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[11] * 2,166,255
[13] C

[51] Int.Cl. 6H04B 10/28
[25] EN
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[54] EMETTEUR-RECEPTEUR OPTIQUE MULTICANAL
[72] TAGLIONE, John V., CA
[72] INGHAM, BRIAN RICHARD, CA
[73] IBM CANADA LIMITED-IBM CANADA LIMITEE, CA
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[11] 2,166,470
[13] C

[51] Int.Cl. 6C07D 471/04 6C07D 241/08
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[54] ENANTIOMERES POSSEDANT DES PROPRIETES PHARMACOLOGIQUES
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[13] C

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[25] EN
[54] **A RECORDING MEDIUM ON WHICH ATTRIBUTE INFORMATION ON THE PLAYBACK DATA IS RECORDED TOGETHER WITH THE PLAYBACK DATA AND A SYSTEM FOR APPROPRIATELY REPRODUCING THE PLAYBACK DATA USING THE ATTRIBUTE INFORMATION**
[54] **SUPPORT D'ENREGISTREMENT SUR LEQUEL DES INFORMATIONS D'ATTRIBUTS SONT INTEGREES AUX DONNEES ENREGISTREES ET SYSTEME DE LECTURE CONNEXE**
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[72] Mimura, Hideki, JP
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[30] JP (7-081298) 1995-04-06

[11] **2,176,093**
[13] C

[51] **Int.Cl. 6A61K 7/13**
[25] EN
[54] **METHOD OF COLORING HAIR WITH, AND HAIR COLORING COMPOSITIONS COMPRISING, SULFO-CONTAINING WATER DISPERSIBLE COLORED POLYMERS**
[54] **METHODE ET COMPOSITIONS A BASE DE POLYMERES COLORES, HYDRODISPERSABLES, RENFERMANT LE GROUPE SULFO, POUR LA TEINTURE DES CHEVEUX**
[72] Krutak, James J., US
[72] Rutstrom, Dante J., US
[72] Brown, Keith C., US
[72] Garcia, Mario L., US
[73] BRISTOL-MYERS SQUIBB COMPANY, US
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[13] C

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[54] **MEMOIRE VIVE MULTIPORT**
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RANDALL, CA
[72] WOOD, STEVEN WILLIAM, CA
[73] NORTEL NETWORKS LIMITED, CA
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[30] US (08/565,267) 1995-11-30
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[11] **2,178,161**
[13] C

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[54] **DERIVES DE L'INDOLE**
[72] Wythes, Martin James, GB
[72] Macor, John Eugene, US
[73] PFIZER INC., US
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[30] US (08/469,258) 1995-06-06

[11] **2,179,089**
[13] C

[51] **Int.Cl. 6A61M 5/32**
[25] EN
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[54] **ENSEMBLE D'AIGUILLE HYPODERMIQUE**
[72] Mahurkar, Sakharam D., US
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[30] US (08/587,030) 1996-01-16

[11] **2,179,281**
[13] C

[51] **Int.Cl. 6C12Q 1/68 6C12Q 1/04**
[25] EN
[54] **METHODS OF IDENTIFYING LYMPHOCYTES WITH MUTATOR PHENOTYPES**
[54] **PROCEDES D'IDENTIFICATION DE LYMPHOCYTES AVEC DES PHENOTYPES MUTATEURS**
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[73] UNIVERSITY OF VERMONT, US
[85] 1996-06-17
[86] 1995-01-13 (PCT/US95/00434)
[87] (WO95/19444)
[30] US (08/182,416) 1994-01-14

[11] **2,180,410**
[13] C

[51] **Int.Cl. 6C09J 127/04 6C09J 9/00 6C09J 133/06 6B32B 7/12 6B32B 27/32**
[25] EN
[54] **PACKAGING ADHESIVE MIXTURES FOR CONTROLLED GAS BARRIER PROPERTIES**
[54] **CONDITIONNEMENT DE MELANGES ADHESIFS POUR L'OBTENTION DE PROPRIETES D'ETANCHEITE AUX GAZ**
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[72] Sherman, Henry Dale, US
[73] MORTON INTERNATIONAL, INC., US
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[11] **2,180,849**
[13] C

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[54] **MULTICHANNEL APPARATUS FOR EPIDURAL SPINAL CORD STIMULATION**
[54] **APPAREIL MULTI-CANAL POUR LA STIMULATION EPIDURALE DU CORDON MEDULAIRE**
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[72] Struijk, Johannes J., NL
[73] MEDTRONIC, INC., US
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[51] **Int.Cl. 6B23D 25/12**
[25] EN
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[54] **APPAREIL POUR DECOUPER DES FENETRES DANS DES ENVELOPPES**
[72] Okonski, Frank, US
[72] Porento, Edward J., Sr., US
[73] BEST CUTTING DIE COMPANY, US
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[87] (WO95/19862)
[30] US (08/186,439) 1994-01-25

[11] **2,183,071**
[13] C
[51] **Int.Cl. 6C07D 215/14 6C07D 405/06**
[25] EN
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[54] **PROCEDE DE PRODUCTION DE COMPOSE DE MEVALONOLACTONE OPTIQUEMENT ACTIF**
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[72] Ohara, Yoshio, JP
[72] Kanda, Hiroyasu, JP
[72] Ikeda, Hirokazu, JP
[72] Murakami, Tatsushi, JP
[73] DAICEL CHEMICAL INDUSTRIES, LTD., JP
[73] Nissan Chemical Industries, Ltd., JP
[85] 1996-08-09
[86] 1995-02-22 (PCT/JP95/00251)
[87] (WO95/23125)
[30] JP (6-28594) 1994-02-25

[11] **2,184,055**
[13] C
[51] **Int.Cl. 6G01N 27/18**
[25] EN
[54] **HUMIDITY SENSOR**
[54] **DETECTEUR D'HUMIDITE**
[72] Takeda, Mituyuki, JP
[72] Sato, Hiroyuki, JP
[72] Kimura, Mitsuteru, JP
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[73] TOKIN CORPORATION, JP
[85] 1996-08-23
[86] 1995-12-27 (PCT/JP95/02727)
[87] (WO96/21146)
[30] JP (338974/1994) 1994-12-29
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[11] **2,184,514**
[13] C
[51] **Int.Cl. 6A47B 97/08**
[25] EN
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[54] **CHEVALET DE PEINTRE PLIANT**
[72] Marcoux, Yolande, CA
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[72] SAMUELS, Gillian Mary Ryder, GB
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[13] C

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[54] **PROCEDE DE FORMATION SANS DECHETS D'AMES ABSORBANTES ET PRODUITS DERIVES DE MATIERES ABSORBANTES EN NAPPE**
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[54] BENZAMIDOXIME DERIVATIVE,
PROCESS FOR PRODUCTION
THEREOF, AND
AGROHORTICULTURAL
BACTERICIDE

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BACTERICIDE AGROHORTICOLE

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[30] JP (145502/1995) 1995-05-19

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[51] Int.Cl. 6C09D 5/46
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SUITABLE FOR THERMAL SPRAYING
[54] PARTICULES EN MATIERE
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[11] 2,209,067
[13] C

[51] Int.Cl. 6C08F 4/44 6C08F 4/50
[25] FR
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OU COPOLYMERISATION
RADICALAIRE CONTROLEE DE
MONOMERES (METH)ACRYLIQUES,
VINYLIQUES, VINYLIDENIQUES ET
DIENIQUES ET (CO)POLYMERES
OBTENUS

[54] CONTROLLED
POLYMERIZATION OR RADICAL
COPOLYMERIZATION PROCESS OF
METH(ACRYLIC), VINYL,
VINYLIDENE AND DIENIC
MONOMERS AND (CO)POLYMERS
OBTAINED

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[30] FR (96 16 049) 1996-12-26

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[13] C

[51] Int.Cl. 6C12N 15/19 6A61K 38/19
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[11] 2,209,409
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[25] EN
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[11] 2,209,559
[13] C

[51] Int.Cl. 6C22B 3/42
[25] EN
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REFRACTORY CARBONACEOUS
ORES BY PRESSURE OXIDATION,
THIOSULFATE LEACHING AND
RESIN-IN-LEACH ADSORPTION

[54] RECUPERATION D'OR A PARTIR
DE MINERAIS CARBONACES
REFRACTAIRES, PAR OXYDATION
SOUS PRESSION, LIXIVIATION AU
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[72] FLEMING, Christopher, CA
[72] THOMAS, KENNETH G., CA
[72] DREISINGER, DAVID, CA
[73] Barrick Gold Corporation, CA
[22] 1997-07-03
[30] US (08/680,906) 1996-07-16

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[13] C

[51] Int.Cl. 6H04Q 7/36

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[54] SYSTEME SANS FIL OFFRANT
DES SERVICES EN COMMUN A DES
ABONNES
[72] CHAVEZ, David L., Jr., US
[73] LUCENT TECHNOLOGIES, INC., US
[22] 1997-07-03
[30] US (697,840) 1996-08-30

[11] 2,209,660
[13] C

[51] Int.Cl. 6H05K 7/00 6H05K 7/14

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[54] ELECTRICAL CIRCUIT
SUSPENSION SYSTEM
[54] SYSTEME DE SUSPENSION DE
CIRCUITS ELECTRIQUES

[72] FOREMAN, Kevin G., US
[72] MILLER, Paul J., US
[73] Metatech Corporation, US
[85] 1997-07-04
[86] 1996-01-04 (PCT/US96/00159)
[87] (WO96/21245)
[30] US (08/369,377) 1995-01-06

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[11] **2,210,502**
[13] C

[51] **Int.Cl. 6G06F 3/12**
[25] EN
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[54] **FILTRES LOGIQUES POUR LA CONVERSION DE RESOLUTION D'IMAGES NUMERIQUES**
[72] LOCE, Robert P., US
[72] GIRMAY, Girmay K., US
[73] XEROX CORPORATION, US
[22] 1997-07-15
[30] US (08/721,065) 1996-09-26

[11] **2,210,559**
[13] C

[51] **Int.Cl. 6G01N 37/00 6G01N 1/28 6G01F 23/288**
[25] EN
[54] **ANALYTICAL SYSTEM WITH MEANS FOR DETECTING TOO SMALL SAMPLE VOLUMES**
[54] **SYSTEME D'ANALYSE COMPORTANT UN DISPOSITIF SERVANT A DETECTER LES VOLUMES D'ECHANTILLON TROP FAIBLES**
[72] BOLDUAN, Franz, DE
[73] ROCHE DIAGNOSTICS GMBH, DE
[22] 1997-07-15
[30] DE (196 28 562.3) 1996-07-16
[30] DE (196 30 160.2) 1996-07-26

[11] **2,210,738**
[13] C

[51] **Int.Cl. 6H05K 5/04 6H05K 5/00 6H05K 7/00 6H05K 5/06 6H05K 1/11 6H05K 1/14**
[25] EN
[54] **UPGRADEABLE VOLTAGE REGULATOR MODULES**
[54] **MODULES REGULATEURS DE TENSION EXTENSIBLES**
[72] AGATSTEIN, Louis W., US
[72] NEAL, James R., US
[73] INTEL CORPORATION, US
[85] 1997-07-17
[86] 1996-01-16 (PCT/US96/00059)
[87] (WO96/24234)
[30] US (08/382,129) 1995-02-01

[11] **2,213,815**
[13] C

[51] **Int.Cl. 6C07D 207/12 6C07F 7/10 6C07D 401/12 6C07D 405/12 6C07D 409/12 6C07D 295/13 6C07D 405/14 6C07D 409/14 6A61K 31/40 6A61K 31/44 6A61K 31/695**
[25] EN
[54] **PYRROLIDINYL HYDROXAMIC ACID COMPOUNDS AND THEIR PRODUCTION PROCESS**
[54] **COMPOSES D'ACIDE PYRROLIDINYL-HYDROXAMIQUE ET LEUR PROCEDE DE PRODUCTION**
[72] ITO, Fumitaka, JP
[73] PFIZER INC., US
[85] 1997-08-25
[86] 1996-03-28 (PCT/JP96/00820)
[87] (WO96/30339)
[30] WO (PCT/JP95/00631) 1995-03-31

[11] **2,213,839**
[13] C

[51] **Int.Cl. 6H04Q 3/52**
[25] EN
[54] **CROSS-CONNECT NODE FOR SWITCHING QUALITY DETECTOR TO INCOMING SIGNAL SPECIFIED BY REQUEST MESSAGE FROM ADJACENT NODE**
[54] **NOEUD D'INTERCONNEXION SERVANT A COMMUTER UN DETECTEUR DE QUALITE SUR UN SIGNAL INCIDENT SPECIFIE PAR UN MESSAGE DE DEMANDE RECU D'UN NOEUD ADJACENT**
[72] SHIRAGAKI, Tatsuya, JP
[72] HENMI, Naoya, JP
[73] NEC CORPORATION, JP
[22] 1997-08-25
[30] JP (JP 8-223331) 1996-08-26

[11] **2,213,939**
[13] C

[51] **Int.Cl. 6F02D 43/00 6F02B 43/02 6F02P 5/145 6F02D 41/34**
[25] EN
[54] **CONVERSION SYSTEM WITH ELECTRONIC CONTROLLER FOR UTILIZATION OF GASEOUS FUELS IN SPARK IGNITION ENGINES**
[54] **SYSTEME DE CONVERSION MUNI D'UNE COMMANDE ELECTRONIQUE PERMETTANT L'UTILISATION DE COMBUSTIBLES GAZEUX DANS DES MOTEURS A ALLUMAGE PAR ETINCELLE**
[72] KLOPP, Gerhard O., CA
[73] ALTERNATIVE FUEL SYSTEMS INC., CA
[22] 1997-08-25

[11] **2,214,073**
[13] C

[51] **Int.Cl. 6C08J 11/02 6C08F 6/00**
[25] EN
[54] **ABSORPTION PROCESS FOR REJECTION OF REACTOR BYPRODUCTS AND RECOVERY OF MONOMERS FROM WASTE GAS STREAMS IN OLEFIN POLYMERIZATION PROCESSES**
[54] **PROCEDE D'ABSORPTION PERMETTANT DE REJETER LES SOUS-PRODUITS DE REACTEUR ET DE RECUPERER DES MONOMERES DES FLUX DE GAZ PERDUS DANS LA POLYMERISATION DE L'OLEFINE**
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[72] MEHRA, Yuv R., US
[73] ADVANCED EXTRACTION TECHNOLOGIES, INC., US
[85] 1997-08-27
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[13] C

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[54] MUTANT OF THE ERYTHRINA
CAFFRA TYPE INHIBITOR AND THE
USE OF THE SAID MUTANT FOR
PURIFYING SERIN PROTEASES
[54] MUTANT DE L'INHIBITEUR DU
TYPE ERYTHRINA CAFFRA ET SON
UTILISATION POUR LA
PURIFICATION DES SERINE-
PROTEASES
[72] KOHNERT, Ulrich, DE
[72] STERN, Anne, DE
[72] WOZNY, Manfred, DE
[72] FISCHER, Stephan, DE
[73] ROCHE DIAGNOSTICS GMBH, DE
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[30] DE (195 12 937.7) 1995-04-06

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[13] C

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MANAGEMENT IN ATM NETWORKS
[54] GESTION DES EMPLACEMENTS
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RESEAUX ATM
[72] VEERARAGHAVAN, Malathi, US
[72] DOMMETY, Gopal Krishna, US
[73] LUCENT TECHNOLOGIES, INC., US
[22] 1997-09-15
[30] US (60/027,259) 1996-10-01
[30] US (882,991) 1997-06-26

[11] 2,215,955
[13] C

[51] Int.Cl. 6B65B 35/44 6B65B 59/00
[25] EN
[54] PACKAGING MACHINE FOR
MULTI-PACKS
[54] MACHINE D'EMBALLAGE POUR
PACKS MULTIPLES
[72] CHALENDAR, Eric, FR
[73] THE MEAD CORPORATION, US
[85] 1997-09-19
[86] 1996-03-26 (PCT/US96/04053)
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[30] GB (9506541.3) 1995-03-30

[11] 2,216,106
[13] C

[51] Int.Cl. 6A61F 13/54 6A61F 13/56
[25] EN
[54] LOCALIZED APPLICATION OF
FINE DENIER FIBERS ONTO A
SPUNBONDED WEB FOR
OPTIMIZATION OF LEG CUFF
HYDROPHOBICITY IN DIAPERS AND
PADS
[54] APPLICATION LOCALISEE DE
FIBRES DE DENIER FIN SUR UN VOILE
DE FILE-LIE POUR L'OPTIMISATION
DES PROPRIETES HYDROPHOBES
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CUISSSES DANS LES COUCHES ET LES
SERVIETTES HYGIENIQUES
[72] CECCHETTO, PIETRO, CA
[72] GRAY, Brian F., JP
[73] THE PROCTER & GAMBLE
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[85] 1997-09-22
[86] 1996-03-25 (PCT/US96/04021)
[87] (WO96/31176)
[30] US (08/417,084) 1995-04-05

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[13] C

[51] Int.Cl. 6H04N 1/327 6H04L 29/06
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[25] EN
[54] FACSIMILE COMMUNICATION
METHOD AND FACSIMILE MACHINE
[54] PROCEDE DE COMMUNICATION
PAR TELECOPIE ET TELECOPIE
[72] BANDO, Tatsuo, JP
[72] TOYODA, Kiyoshi, JP
[72] SAITO, Kyoji, JP
[73] MATSUSHITA GRAPHIC
COMMUNICATION SYSTEMS, INC., JP
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[30] JP (8-082295) 1996-04-04

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[13] C

[51] Int.Cl. 6G02B 27/01
[25] EN
[54] HEAD MOUNTED PROJECTOR
[54] PROJECTEUR MONTE SUR LA
TETE
[72] ANSLEY, David A., US
[72] CHEN, Chungte Bill, US
[73] RAYTHEON COMPANY, US
[22] 1997-10-01
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[13] C

[51] Int.Cl. 6G01N 21/64 6G01M 11/00
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[25] EN
[54] MICROSPHERES WITH
FLUORESCENT SPHERICAL ZONES
[54] MICROSPHERES AVEC ZONES
SPHERIQUES FLUORESCENTES
[72] ZHANG, Yu-Zhong, US
[72] KEMPER, Courtenay R., US
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[73] Molecular Probes, Inc., US
[22] 1997-10-16
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[13] C

[51] Int.Cl. 6H04J 14/08
[25] EN
[54] TIME DIVISION
DEMULPLEXING USING
SELECTIVE RAMAN AMPLIFICATION
[54] DEMULTIPLEXAGE TEMPOREL
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RAMAN SELECTIVE
[72] STOLEN, Rogers Hall, US
[73] AT&T CORP., US
[22] 1997-10-21
[30] US (748,328) 1996-11-13

[11] 2,219,566
[13] C

[51] Int.Cl. 6H04Q 7/38
[25] EN
[54] IMPROVED LOCATION BASED
PAGING FOR MOBILE TELEPHONE
UNITS
[54] AMELIORATION DES
RECHERCHES BASEES SUR LA
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[54] **PROCEDE DE MODIFICATION DU CONTENU DES OEUFS**
[72] MEIER, Albert H., US
[72] WILSON, John M., US
[73] THE BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE, US
[85] 1997-11-27
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[87] (WO96/38132)
[30] US (08/455,390) 1995-05-31

[11] **2,221,448**
[13] C

[51] **Int.Cl. 6C07H 21/04 6A61K 31/70**
[25] EN
[54] **ANTISENSE OLIGONUCLEOTIDE MODULATION OF RAF GENE EXPRESSION**
[54] **MODULATION PAR OLIGONUCLEOTIDES ANTISENS DE L'EXPRESSION DE GENES RAF**
[72] MONIA, Brett P., US
[72] MARTIN, Pierre, CH
[72] ALTMANN, Karl-Heinz, CH
[73] ISIS PHARMACEUTICALS, INC., US
[73] NOVARTIS AG, CH
[85] 1997-12-03
[86] 1996-05-31 (PCT/US96/08165)
[87] (WO96/39415)
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[11] **2,221,745**
[13] C

[51] **Int.Cl. 6C12N 5/04 6A01H 4/00**
[25] EN
[54] **IMPROVED EMBRYOGENESIS PROCESS FOR INITIATION AND MATURATION**
[54] **PROCEDE D'EMBRYOGENESE AMELIORE POUR L'AMORCAGE ET LA MATURATION**
[72] AITKEN-CHRISTIE, Jennifer, NZ
[72] PARKES, Bryan Donald, NZ
[73] CARTER HOLT HARVEY LIMITED, NZ
[85] 1997-11-20
[86] 1996-05-24 (PCT/NZ96/00049)
[87] (WO96/37096)
[30] NZ (272211) 1995-05-25
[30] NZ (272365) 1995-06-15

[11] **2,222,075**
[13] C

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[25] EN
[54] **SPEECH RECOGNITION SYSTEM**
[54] **SYSTEME DE RECONNAISSANCE VOCALE**
[72] HATTORI, Hiroaki, JP
[73] NEC CORPORATION, JP
[22] 1997-11-24
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[11] **2,222,903**
[13] C

[51] **Int.Cl. 6B65H 18/02 6B65H 19/22**
[25] EN
[54] **TURRET WINDER MANDREL CUPPING ASSEMBLY**
[54] **ENSEMBLE DE LOGEMENT EN GOGETS DE BROCHE D'ENROULEUR A TOURELLE**
[72] JOHNSON, James Robert, US
[72] McNEIL, Kevin Benson, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1997-12-01
[86] 1996-05-22 (PCT/US96/08879)
[87] (WO96/38366)
[30] US (08/460,016) 1995-06-02

[11] **2,223,131**
[13] C

[51] **Int.Cl. 6A23K 1/16**
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[54] **ADDITIF ALIMENTAIRE POUR RUMINANTS**
[72] JULIEN, William E., US
[73] BIOVANCE TECHNOLOGIES INC., US
[85] 1997-12-02
[86] 1996-03-19 (PCT/US96/03303)
[87] (WO96/39860)
[30] US (08/486,226) 1995-06-07

[11] **2,224,052**
[13] C

[51] **Int.Cl. 6C07K 14/235 6A61K 39/10 6A61K 39/116 6C07K 1/16**
[25] EN
[54] **PERTUSSIS OUTER MEMBRANE PROTEIN**
[54] **PROTEINE DE LA MEMBRANE EXTERNE DE BORDETELLA PERTUSSIS**
[72] KLEIN, MICHEL, CA
[72] FAHIM, RAAFAT, CA
[72] CHONG, PELE, CA
[72] TAN, LARRY, CA
[72] JACKSON, GAIL, CA
[72] VOSE, John, FR
[73] Connaught Laboratories Limited, CA
[22] 1991-04-03
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[30] GB (9007656.1) 1990-04-04

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[13] C

[51] **Int.Cl. 6A61F 13/15**
[25] EN
[54] **DIAPER**
[54] **COUCHE-CULOTTE**
[72] GLACKIN, George Bartol, US
[72] PANNING, Cynthia Jean, US
[72] VAN RIJSWIJCK, Laura Graves, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1997-12-08
[86] 1996-05-16 (PCT/US96/06978)
[87] (WO97/00056)
[30] US (08/491,559) 1995-06-16

[11] **2,224,557**
[13] C

[51] **Int.Cl. 6A61F 13/46**
[25] EN
[54] **ABSORBENT ARTICLE**
[54] **ARTICLE ABSORBANT**
[72] DOKAN, Aki, JP
[72] SAWAKI, Noriko, JP
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1997-12-11
[86] 1996-06-03 (PCT/US96/10172)
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[30] JP (7/146233) 1995-06-13

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[13] C
[51] Int.Cl. 6B64D 27/26 6B60K 5/12
[25] EN
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[54] **SYSTEME HYDRAULIQUE
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[72] TEETER, Michael R., US
[72] NAJAND, Mohammad J., US
[72] KEITH, Kenneth E., US
[73] Applied Power, Inc.,
[22] 1997-12-19
[30] US (08/784,877) 1997-01-16

[11] 2,225,944
[13] C
[51] Int.Cl. 6A61F 13/15
[25] EN
[54] **ABSORBENT ARTICLE WITH
EXTENSIBLE AND ARTICULATING
PORTIONS**
[54] **ARTICLE ABSORBANT A
PARTIES EXTENSIBLES ET
ARTICULEES**
[72] MANSFIELD, Michele Ann, US
[72] LAVASH, Bruce William, DE
[72] OSBORN, Thomas Ward III, US
[73] THE PROCTER & GAMBLE
COMPANY, US
[85] 1997-12-29
[86] 1996-06-12 (PCT/US96/10195)
[87] (WO97/01996)
[30] US (08/497,957) 1995-07-03

[11] 2,225,945
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[51] Int.Cl. 6G01G 19/52 6B60Q 11/00
6G01G 7/06 6G01G 19/44 6B60N 2/44
[25] EN
[54] **CONDUCTIVE FABRIC SENSOR
SYSTEM**
[54] **SYSTEME DE CAPTEUR DE TISSU
CONDUCTIBLE**
[72] GILBERT, Steven Charles, US
[72] BOYCE, Jay E., US
[73] SCHLEGEL SYSTEMS, INC., US
[22] 1997-12-29
[30] US (08/763,356) 1997-01-23

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[13] C
[51] Int.Cl. 6G06F 15/16
[25] FR
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A FONCTIONNEMENT SECURISE
SANS PROTOCOLE DE BUS
SPECIFIQUE**
[54] **SEMAPHORE REGISTER
OPERATING SECURELY WITHOUT A
SPECIFIC BUS PROTOCOL**
[72] TISSOT, Serge, FR
[73] THOMSON-CSF, FR
[22] 1998-02-11
[30] FR (97 01 598) 1997-02-12

[11] 2,227,109
[13] C
[51] Int.Cl. 6B60T 17/22 6B60T 17/04
6G01L 5/28 6B60T 15/36 6F16L 37/40
[25] EN
[54] **DUAL SEAL COUPLING
APPARATUS FOR ENABLING QUICK
MEASUREMENT OF BRAKE
CYLINDER PRESSURE**
[54] **DISPOSITIF DE RACCORDEMENT
A JOINT D'ETANCHEITE DOUBLE
PERMETTANT DE MESURER
RAPIDEMENT LA PRESSION AU
CYLINDRE DE FREIN**
[72] JOHNSTON, Gregory L., US
[72] SCOTT, Daniel G., US
[73] WESTINGHOUSE AIR BRAKE
COMPANY, US
[22] 1998-01-16
[30] US (901,606) 1997-07-28

[11] 2,227,389
[13] C
[51] Int.Cl. 6B60T 17/22 6B60T 17/08
[25] EN
[54] **DUAL SEAL FITTING FOR
ENABLING QUICK MEASUREMENT
OF BRAKE CYLINDER PRESSURE**
[54] **ACCESSOIRE A JOINT
D'ETANCHEITE DOUBLE
PERMETTANT DE MESURER
RAPIDEMENT LA PRESSION AU
CYLINDRE DE FREIN**
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[72] VELTRI, Michael, US
[72] SCOTT, Daniel G., US
[73] WESTINGHOUSE AIR BRAKE
COMPANY, US
[22] 1998-01-20
[30] US (901,096) 1997-07-28

[11] 2,227,480
[13] C
[51] Int.Cl. 6H04R 3/02 6H04M 1/20
[25] EN
[54] **ECHO CANCELLATION METHOD
AND ECHO CANCELLER
IMPLEMENTING SUCH A PROCESS**
[54] **METHODE D'ELIMINATION
D'ECHOS ET ELIMINATEUR D'ECHOS
UTILISANT CETTE METHODE**
[72] CAPMAN, François, FR
[72] BOUDY, Jérôme, FR
[73] MATRA COMMUNICATION, FR
[22] 1998-01-20
[30] FR (97 00575) 1997-01-21

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[13] C
[51] Int.Cl. 6F04C 2/02 6F04C 18/02
[25] EN
[54] **SCROLL HYDRAULIC MACHINE**
[54] **MACHINE HYDRAULIQUE A
VOLUTES**
[72] KAWADA, Minoru, JP
[72] MIURA, Shigeki, JP
[73] MITSUBISHI HEAVY INDUSTRIES,
LTD., JP
[22] 1998-01-22
[30] JP (9-023101) 1997-01-23

[11] 2,227,685
[13] C
[51] Int.Cl. 6F04C 2/02 6F04C 18/02
[25] EN
[54] **SCROLL HYDRAULIC MACHINE**
[54] **MACHINE HYDRAULIQUE A
VOLUTE**
[72] TAKEUCHI, Makoto, JP
[72] MIURA, Shigeki, JP
[73] MITSUBISHI HEAVY INDUSTRIES,
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[22] 1998-01-22
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[13] C

[51] **Int.Cl. 6G06K 9/46**
[25] EN
[54] **ROBUSTNESS OF CLASSIFICATION MEASUREMENT**
[54] **APPAREIL ET PROCÉDE DE MESURE DE ROBUSTESSE DE CLASSEMENTS**

[72] WILHELM, Paul S., US
[72] MEYER, Michael G., US
[72] LEE, Shih-Jong J., US
[72] KUAN, Chih-Chau L., US
[73] NEOPATH, INC., US
[85] 1998-01-27
[86] 1996-07-24 (PCT/US96/13405)
[87] (WO97/05563)
[30] US (08/509,181) 1995-07-31

[11] **2,228,097**
[13] C

[51] **Int.Cl. 6H04B 3/20 6H04B 3/21 6H04B 3/23**
[25] EN
[54] **NOISE CANCELLING METHOD AND APPARATUS FOR THE SAME**
[54] **METHODE DE SUPPRESSION DE BRUIT ET DISPOSITIF ASSOCIE**

[72] IKEDA, Shigeji, JP
[73] NEC CORPORATION, JP
[22] 1998-01-28
[30] JP (14409/1997) 1997-01-29

[11] **2,228,130**
[13] C

[51] **Int.Cl. 6A61F 13/46**
[25] EN
[54] **DISPOSABLE ABSORBENT ARTICLE HAVING A LOTIONED TOPSHEET CONTAINING AN EMOLLIENT AND A POLYOL POLYESTER IMMOBILIZING AGENT**
[54] **ARTICLE ABSORBANT JETABLE A VOILE SUPERIEUR ENDUIT D'UNE LOTION CONTENANT UN AGENT EMOLLIENT AINSI QU'UN AGENT IMMOBILISANT A BASE DE POLYESTER DE POLYOL**

[72] ROE, Donald Carroll, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1998-01-28
[86] 1996-07-25 (PCT/US96/12233)
[87] (WO97/05908)
[30] US (08/510,930) 1995-08-03

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[54] **ROLL FOR HOT ROLLING HAVING ENHANCED ABRASION RESISTANCE AND REDUCED CARBIDE SEGREGATION**
[54] **CYLINDRE DE LAMINAGE A CHAUD PRESENTANT UNE EXCELLENTE RESISTANCE A L'ABRASION ET UNE SEGREGATION DU CARBURE REDUITE**

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[72] TOYOOKA, Takaaki, JP
[72] ICHINO, Kenji, JP
[72] YUDA, Kohji, JP
[73] KAWASAKI STEEL CORPORATION, JP

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[87] (WO97/48505)
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[11] **2,230,838**
[13] C

[51] **Int.Cl. 6A61F 13/15**
[25] EN
[54] **SANITARY ARTICLES WITH MULTI APERTURE SIZE FILM TOPSHEETS HAVING A SELECTED DISTRIBUTION OF THE APERTURES**
[54] **ARTICLES HYGIENIQUES AVEC UNE FEUILLE DE COUVERTURE PRESENTANT DES OUVERTURES DE TAILLES DIFFERENTES ET REPARTIES D'UNE MANIERE PARTICULIERE**

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[73] THE PROCTER & GAMBLE COMPANY, US
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[85] 1998-02-27
[86] 1996-08-30 (PCT/US96/13988)
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[30] EP (95120496.5) 1995-12-22

[11] **2,231,593**
[13] C

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[54] **DEVICE AND METHOD FOR REINFORCING SURGICAL STAPLES**
[54] **DISPOSITIF ET PROCÉDE DE RENFORCEMENT D'AGRAFES CHIRURGICALES**

[72] WILLIAMS, Benjamin G., US
[72] WALBURN, Frederick J., US
[72] RIFFLE, Rob G., US
[72] RAYBURN, Gary L., US
[73] W.L. GORE & ASSOCIATES, INC., US
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[87] (WO97/03614)
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[25] EN
[54] **COATING COMPOSITION WITH IMPROVED WATER AND MAR RESISTANCE**

[54] **COMPOSITION DE REVETEMENT AVEC RESISTANCE AMELIOREE A L'EAU ET AU MARQUAGE**
[72] FRON, William Ronald, US
[72] PARISH, David Michael, US
[73] FIBRE GLASS-EVERCOAT COMPANY, INC., US
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[54] **EMERGENCY BRAKE READBACK HARDWARE AND FAULT DIAGNOSTICS ROUTINE**
[54] **SYSTEME DE DIAGNOSTIC ET D'INDICATION DE COMMANDE DE FREINAGE D'URGENCE**

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[72] DIMSA, Robert D., US
[73] WESTINGHOUSE AIR BRAKE COMPANY, US
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[72] HANDA, Yuji, JP
[73] CASIO COMPUTER CO., LTD., JP
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[30] JP (8-193374) 1996-07-23

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[13] C

[51] Int.Cl. 6D06F 39/02
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ADDITIVE DISPENSER
[54] DISTRIBUTEUR AMELIORE DE
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[72] MCKIBBEN, Gary Eugene, US
[73] THE PROCTER & GAMBLE
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[13] C

[51] Int.Cl. 6C08L 33/12 6C08F 265/06
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[25] EN
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DISTRIBUTION OF COLOR AND
MINERAL FILLER
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MINERALE
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[72] WETTER, Carol A., US
[72] MINGHETTI, Ettore, US
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[25] EN
[54] SYSTEM AND METHOD FOR
ACHIEVING EFFICIENT
COORDINATION OF PROTECTION
SWITCHING
[54] SYSTEME ET METHODE DE
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COMMUTATION SUR LIAISON DE
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[72] MANCHESTER, James S., US
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[73] LUCENT TECHNOLOGIES, INC., US
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[13] C

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[54] PROCESS FOR MAKING A LOW
DENSITY DETERGENT COMPOSITON
BY AGGLOMERATION WITH AN
INORGANIC DOUBLE SALT
[54] PROCEDE D'ELABORATION
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A FAIBLE DENSITE PAR
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[72] FRANCE, Paul Amaat, US
[72] ROGERS, Steven Barrett, US
[72] BEIMESCH, Wayne Edward, US
[73] THE PROCTER & GAMBLE
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[30] US (08/539,212) 1995-10-04

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[13] C

[51] Int.Cl. 6F16K 37/00
[25] EN
[54] ADJUSTABLE ELECTRONIC
POSITION INDICATOR APPARATUS
[54] DISPOSITIF SERVANT A
INDIQUER LA POSITION DE
L'ORGANE D'OBTURATION D'UN
ROBINET
[72] HOUCK, Wayne R., US
[72] MILLER, Roy D., US
[72] BUTLER, Ronald G., US
[72] LEHMAN, John R., US
[73] ITT MANUFACTURING
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[30] US (08/833,212) 1997-04-14

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[13] C

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PLASMA ARC CUTTING TORCH
[54] METHODE DE COMMANDE D'UN
CHALUMEAU COUPEUR A ARC DE
PLASMA
[72] WARREN, Joseph Valerious Jr., US
[72] OAKLEY, Thomas Franklin, US
[73] THE ESAB GROUP, US
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[30] US (08/843,045) 1997-04-11

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[13] C

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[25] EN
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[54] LITS D'ADSORBANT
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[73] PRAXAIR TECHNOLOGY, INC., US
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[30] US (08/837,411) 1997-04-17

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[13] C

[51] Int.Cl. 6E01F 15/02
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[54] GLISSIERE DE SECURITE AVEC
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[73] Energy Absorption Systems, Inc., US
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[13] C

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[25] EN
[54] **DIARYLETHYLENE METALLOCENE DERIVATIVES, THEIR PROCESSES OF PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING SAID DERIVATIVES**
[54] **DERIVES DE DIARYLETHYLENE METALLOCENE, PROCEDES DE PREPARATION ET COMPOSITIONS PHARMACEUTIQUES CONTENANT CES DERIVES**
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[72] TOP, Siden, FR
[73] MODELISATION ET MISE AU POINT DE MOLECULES MEDICINALES - "4M", FR
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[11] **2,236,524**
[13] C

[51] **Int.Cl. 6C11D 1/83 6C11D 17/08**
[25] EN
[54] **LIQUID LAUNDRY DETERGENT PRODUCT**
[54] **PRODUIT DE DETERGENT LIQUIDE POUR LA LESSIVE**
[72] IP, John, US
[72] CALA, Francis R., US
[72] CARR, Charles D., US
[72] FALOTICO, Anthony J., US
[73] CHURCH & DWIGHT CO., INC., US
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[11] **2,237,103**
[13] C

[51] **Int.Cl. 6B01D 53/047**
[25] EN
[54] **PRESSURE SWING ADSORPTION PROCESS WITH SINGLE ADSORBENT BED**
[54] **PROCEDE D'ADSORPTION MODULEE EN PRESSION AVEC UN SEUL LIT D'ADSORPTION**
[72] SIRCAR, Shivaji, US
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 1998-05-07
[30] US (60/046,423) 1997-05-14
[30] US (08/949,298) 1997-10-13

[11] **2,237,261**
[13] C

[51] **Int.Cl. 6E04H 17/20 6E04H 12/00 6E04H 17/00**
[25] EN
[54] **POST COVER WITH TONGUE AND GROOVE JOINT**
[54] **COUVERCLE DE POTEAU AVEC ASSEMBLAGE A RAINURE ET LANGUETTE**
[72] LARONDE, Mark J., CA
[73] LARONDE, Mark J., CA
[22] 1998-05-08

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[51] **Int.Cl. 6G09F 9/33 6H01L 33/00**
[25] EN
[54] **LED DISPLAY DEVICE AND METHOD FOR CONTROLLING THE SAME**
[54] **DISPOSITIF D'AFFICHAGE A DIODES LUMINESCENTES ET METHODE DE COMMANDE DE CE DISPOSITIF**
[72] YAMAGUCHI, Kazuya, JP
[72] MATSUDA, Yoshikazu, JP
[73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[22] 1998-05-14
[30] JP (9-125319) 1997-05-15

[11] **2,238,370**
[13] C

[51] **Int.Cl. 6F24B 1/182**
[25] EN
[54] **PORTABLE OUTDOOR FIREPLACE AND FIRE SCREEN ASSEMBLY THEREFOR**
[54] **FOYER D'EXTERIEUR PORTATIF POURVU D'UN ENSEMBLE DE PARE-FEUX**
[72] GRADY, Jeffrey T., US
[73] GRADY, Jeffrey T., US
[85] 1998-05-21
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[87] (WO97/19297)
[30] US (08/564,379) 1995-11-24
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[13] C

[51] **Int.Cl. 6H04L 1/22 6H04Q 7/22**
[25] EN
[54] **DATA TRANSMISSION SYSTEM, RECEIVER, AND RECORDING MEDIUM**
[54] **SYSTEME DE TRANSMISSION DE DONNEES, RECEPTEUR ET SUPPORT D'ENREGISTREMENT**
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[72] MURAKAMI, Keishi, JP
[73] MITSUBISHI DENKI KABUSHIKI KAISHA, JP
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[30] JP (9-170775) 1997-06-26

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[13] C

[51] **Int.Cl. 6C01B 3/24**
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[54] **PRODUCTION DE GAZ DE SYNTHESE AU MOYEN DE MEMBRANES DE TRANSPORT D'IONS**
[72] RUSSEK, Steven Lee, US
[72] NATARAJ, Shankar, US
[73] AIR PRODUCTS AND CHEMICALS, INC., US
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[30] US (08/870012) 1997-06-06

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[13] C

[51] **Int.Cl. 6C09D 5/03 6C09D 7/14**
[25] EN
[54] **CONTINUOUS PROCESSING OF POWDER COATING COMPOSITIONS**
[54] **TRAITEMENT CONTINU DE COMPOSITIONS DE REVETEMENT EN POUVRE**
[72] ERNST, Carl W., US
[72] DALY, Andrew T., US
[72] WURSTHORN, Karl R., US
[72] DECKER, Owen H., US
[72] GRUNDOWSKI, Leo T., US
[72] HOUDA, Frank R., US
[73] MORTON INTERNATIONAL, INC., US
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[30] US (08/882,669) 1997-06-25
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[54] **PREVENTION DES FUITES DANS LES OXYGENATEURS SANGUINS**
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[72] GREMEL, Robert F., US
[73] MEDTRONIC, INC., US
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[86] 1997-01-15 (PCT/US97/00364)
[87] (WO97/26030)
[30] US (08/586,517) 1996-01-16

[11] **2,241,375**
[13] C
[51] **Int.Cl. 6H01Q 21/22 6H01Q 1/38**
[25] EN
[54] **PHASED-ARRAY ANTENNA APPARATUS**
[54] **DISPOSITIF D'ANTENNE RESEAU A COMMANDE DE PHASE**
[72] MARUMOTO, Tsunehisa, JP
[72] YOSHINO, Yasunori, JP
[72] ARA, Youichi, JP
[72] SUZUKI, Kenichiro, JP
[72] SARYO, Tomoaki, JP
[73] NEC CORPORATION, JP
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[30] JP (166346/97) 1997-06-23

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[13] C
[51] **Int.Cl. 6F41A 9/38**
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[54] **SYSTEM FOR THE LOADING OF A MORTAR**
[54] **SYSTEME DE CHARGEMENT D'UN MORTIER**
[72] BOISSIERE, Bruno, FR
[72] RONDET, Pascal, FR
[72] POUSSARD, Jean-Marie, FR
[72] HERRERO, Pascal, FR
[73] TDA ARMEMENTS S.A.S., FR
[22] 1998-07-06
[30] FR (97 08877) 1997-07-11

[11] **2,243,097**
[13] C
[51] **Int.Cl. 6G06F 17/30 6G06F 13/14**
[25] EN
[54] **A METHOD AND APPARATUS FOR IMPORTING INFORMATION FROM A NETWORK RESOURCE**
[54] **METHODE ET DISPOSITIF PERMETTANT D'IMPORTER L'INFORMATION D'UNE RESSOURCE DE RESEAU**
[72] PIERCE, Jeff, US
[72] GARDNER, David, US
[72] KAYE, Steven, US
[73] PITNEY BOWES INC., US
[22] 1998-07-10
[30] US (08/891,984) 1997-07-11

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[13] C
[51] **Int.Cl. 6A61N 1/04 6A61J 3/00 6B65D 35/24 6A61N 1/30**
[25] EN
[54] **HYDRATION ASSEMBLY FOR HYDRATING A BIOELECTRODE ELEMENT**
[54] **ENSEMBLE D'HYDRATATION POUR L'HYDRATATION D'UN ELEMENT BIOELECTRODE**
[72] BECK, Jon E., US
[73] IOMED, INC., US
[85] 1998-07-17
[86] 1996-11-12 (PCT/US96/18336)
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[30] US (08/599,129) 1996-02-09

[11] **2,243,899**
[13] C
[51] **Int.Cl. 6B01L 3/14 6B65D 25/04**
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[54] **COLLECTION CONTAINER ASSEMBLY**
[54] **ENSEMBLE RECIPIENT DE PRELEVEMENT**
[72] KELLY, Karin E., US
[72] WILLIAMS, Joel L., US
[72] MONAHAN, Larry A., US
[73] BECTON, DICKINSON AND COMPANY, US
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[30] US (08/928,273) 1997-09-12

[11] **2,245,130**
[13] C
[51] **Int.Cl. 6G02F 1/167**
[25] EN
[54] **TWISTING CYLINDER DISPLAY USING MULTIPLE CHROMATIC VALUES**
[54] **VISUEL A CYLINDRES TOURNANTS A VALEURS CHROMATIQUES MULTIPLES**
[72] SHERIDON, Nicholas K., US
[73] XEROX CORPORATION, US
[22] 1998-08-18
[30] US (08/960,868) 1997-10-30

[11] **2,245,428**
[13] C
[51] **Int.Cl. 6C09D 5/38 6B23K 31/02 6B23K 35/22**
[25] EN
[54] **MAR RESISTANT, CORROSION INHIBITING, WELDABLE COATING CONTAINING IRON POWDER FOR METAL SUBSTRATES**
[54] **REVETEMENT SOUDABLE, RESISTANT A L'ERAFLURE, ANTICORROSIF, CONTENANT DE LA POUDRE DE FER POUR SUBSTRATS METALLIQUES**
[72] SOLTWEDEL, Jeffrey N., US
[73] BASF CORPORATION, US
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[13] C
[51] **Int.Cl. 6H01R 9/09 6H01R 4/26**
[25] EN
[54] **MINIATURE CARD EDGE CLIP**
[54] **PINCE LATERALE POUR CARTE MINIATURE**
[72] DELPRETE, Stephen D., US
[72] SOUSA, Luis A., US
[72] BARNUM, David M., US
[73] THOMAS & BETTS INTERNATIONAL, INC., US
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[13] C

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[54] **CENTRE TELEPHONIQUE VIRTUEL**
[72] GOLDMAN, Shelley B., US
[72] SILVERMAN, David Phillip, US
[72] WESTRICH, Robert S., US
[72] WEBER, Roy Philip, US
[72] WANG, Shaoqing Q., US
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[73] AT&T CORP., US
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[30] US (08/933,518) 1997-09-18

[11] **2,246,901**
[13] C

[51] **Int.Cl. 6G10L 9/14**
[25] EN
[54] **A METHOD FOR IMPROVING PERFORMANCE OF A VOICE CODER**
[54] **METHODE POUR AMELIORER LA PERFORMANCE D'UN VOCODEUR**
[72] PARK, Ho-Chong, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 1998-09-10
[30] KR (1997-45606) 1997-09-10
[30] KR (1997-65487) 1997-12-03

[11] **2,247,073**
[13] C

[51] **Int.Cl. 6G01G 13/06**
[25] EN
[54] **APPARATUS FOR WEIGHING SMALL ARTICLES SUCH AS GELATIN CAPSULES**
[54] **APPAREIL POUR PESER DES ARTICLES DE PETITE TAILLE TELLES QUE DES GELULES DE GELATINE**
[72] CANE', Aristide, IT
[72] CONSOLI, Salvatore Fabrizio, IT
[72] AMAROLI, Sergio, IT
[73] I.M.A. INDUSTRIA MACCHINE AUTOMATICHE S.P.A., IT
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[13] C

[51] **Int.Cl. 6C11D 1/14 6C11D 11/00 6C11D 17/06 6C11D 3/37**
[25] EN
[54] **SECONDARY ALKYL SULFATE PARTICLES WITH IMPROVED SOLUBILITY BY COMPACTION/COATING PROCESS**
[54] **PARTICULES DE SULFATE ALKYLE SECONDAIRE POSSEDANT UNE MEILLEURE SOLUBILITE GRACE A UN PROCESSUS DE COMPACTAGE/REVETEMENT**
[72] EBIHARA, Fukuji, JP
[72] KAZUTA, Takashi, JP
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1998-08-31
[86] 1997-02-26 (PCT/US97/03079)
[87] (WO97/32951)
[30] US (60/013,311) 1996-03-08

[11] **2,249,586**
[13] C

[51] **Int.Cl. 6C11D 1/62 6C11D 3/50**
[25] EN
[54] **CONCENTRATED, STABLE, PREMIX FOR FORMING FABRIC SOFTENING COMPOSITION**
[54] **MELANGE CONCENTRE STABLE SERVANT A PREPARER UNE COMPOSITION ADOUCISSANTE POUR TISSUS**
[72] TRINH, Toan, US
[72] HARVEY, George Joseph, US
[72] DECLERCQ, Marc Johan, BE
[72] TORDIL, Helen Bernardo, US
[72] DEMEYERE, Hugo Jean Marie, BE
[72] WAHL, Errol Hoffman, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[86] 1997-03-12 (PCT/US97/04045)
[87] (WO97/34976)
[30] US (08/620,782) 1996-03-22

[11] **2,249,587**
[13] C

[51] **Int.Cl. 6C11D 1/62 6C11D 3/20 6C11D 3/43**
[25] EN
[54] **FABRIC SOFTENING COMPOUND/COMPOSITION**
[54] **COMPOSE/COMPOSITION D'ASSOUPLISSEMENT DE TISSUS**
[72] SIVIK, Mark Robert, US
[72] LETTON, James Carey, US
[72] GOSELINK, Eugene Paul, US
[72] TRINH, Toan, US
[72] WAHL, Errol Hoffman, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1998-09-21
[86] 1997-03-05 (PCT/US97/03374)
[87] (WO97/34972)
[30] US (08/621,019) 1996-03-22
[30] US (08/679,694) 1996-07-11

[11] **2,249,977**
[13] C

[51] **Int.Cl. 6H04N 1/03**
[25] EN
[54] **IMAGE SENSOR CHIP AND IMAGE SENSOR**
[54] **PUCE CAPTEUR D'IMAGE ET CAPTEUR D'IMAGE**
[72] SAWADA, Hideki, JP
[73] ROHM CO., LTD., JP
[85] 1998-09-23
[86] 1998-01-30 (PCT/JP98/00413)
[87] (WO98/34279)
[30] JP (9/17022) 1997-01-30

[11] **2,250,336**
[13] C

[51] **Int.Cl. 6H01S 3/00 6G02F 1/35**
[25] EN
[54] **OPTICAL PULSE GENERATOR**
[54] **GENERATEUR D'IMPULSIONS OPTIQUES**
[72] IIDA, Rikihiko, JP
[72] YOSHIDA, Eiji, JP
[72] KUMAGAI, Yoshihiro, JP
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ET A LUSTRER**
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[54] **SYSTEME DE RECOLTE DE
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[73] SILMAR INVESTMENTS, LLC, US
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FOR PULSE OXIMETRY SENSOR**
[54] **BLINDAGE EMI EN TREILLIS
METALLIQUE CONTINU DESTINE A
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[72] NAMY, Al, US
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[25] EN
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FOR A CONTROL SYSTEM THAT
REDUCES DISTORTION PRODUCED
BY ELECTRICAL CIRCUITS**
[54] **DETECTION AMELIOREE DU
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[73] LUCENT TECHNOLOGIES, INC., US
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CONTEXT SWITCHING**
[54] **TRAITEMENT AU MOYEN DE
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[72] PILLAR, JOHN, CA
[72] COADY, Alan Charles, CA
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[54] **TRANSFORMATEUR DE
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[72] SCHWEITZER, EDMUND O., JR., US
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RECHARGE IN RECHARGE-EXPOSE-
AND-DEVELOP IMAGE ON IMAGING
PRINTING**
[54] **RECHARGE EN POLARITE
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[54] **METHODE DE PREPARATION D'ALCOXYSILANES**
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[72] WEIDNER, Richard, DE
[73] WACKER-CHEMIE GMBH, DE
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[54] **SYSTEME ET PROCEDE DE PROGRAMMATION AMELIOREE POUR GUIDE D'EMISSIONS DE TELEVISION ELECTRONIQUE AVEC MESSAGES D'AIDE INCRUSTES**
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[72] KNUDSON, Edward Bruce, US
[72] MILLER, Larry, US
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[73] UNITED VIDEO PROPERTIES, INC., US
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[54] **MECANISME DE PROPULSION DE NAVIRE EN FUSEAU AVEC MOTEUR SYNCHRONE**
[72] MEYER, Christian, DE
[72] HEIN, Peter, DE
[73] SIEMENS AKTIENGESSELLSCHAFT, DE
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[13] C

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[72] SHIVELY, Richard Robert, US
[72] RUSSELL, Jesse Eugene, US
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[73] AIR PRODUCTS AND CHEMICALS, INC., US
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[54] **APPAREIL POUR DETERMINER LE DEBIT D'UN FLUIDE**
[72] HASTINGS, Calvin R., US
[72] MILLER, Robert C., US
[72] HAUSER, Ernest M., US
[73] CALDON, INC., US
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[72] BROWN, NORMA, US
[73] BROWN, NORMA, US
[22] 1999-05-17

[11] **2,276,037**
[13] C

[51] **Int.Cl. 6B01D 65/10**
[25] EN
[54] **APPARATUS AND METHOD FOR DETECTING LEAKAGE THROUGH FILTRATION MEMBRANE**
[54] **APPAREIL ET METHODE DE DETECTION DE FUITES AU MOYEN D'UNE MEMBRANE FILTRANTE**
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[72] FUKADA, SEIJI, JP
[73] ASAHI KASEI KABUSHIKI KAISHA, JP
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[30] JP (08-356628) 1996-12-27

[11] **2,276,311**
[13] C

[51] **Int.Cl. 6H03F 3/68 6H03F 3/20**
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[54] **COMBINED LINEAR POWER AMPLIFYING DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE D'AMPLIFICATION DE PUISSANCE LINEAIRE COMBINEE**
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[72] PARK, JONG-TAE, KR
[72] CHANG, IK-SOO, KR
[72] JEONG, SOON CHUL, KR
[72] KIM, CHUL-DONG, KR
[72] LEE, YOUNG-KON, KR
[72] KIM, HONG-KEE, KR
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[72] LEE, SEONG-HOON, KR
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DETERMINING RAILCAR ORDER IN A
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[54] METHODE ET APPAREIL POUR
DETERMINER L'ORDRE DES
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[72] HALVORSON, DAVID H., US
[73] WESTINGHOUSE AIR BRAKE
COMPANY, US
[22] 1999-07-08
[30] US (127,408) 1998-07-31

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NETWORK FOR DOMESTIC WATER
AND FIRE SPRINKLER APPLICATION
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[73] PAYMASTER TECHNOLOGIES,
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[72] GRANTHAM, H. CRAIG, US
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[54] PONTAGE METALLIQUE
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[51] Int.Cl. 7G01R 31/00 7H04B 3/46
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[54] DISPOSITIF D'ESSAI DE CABLES
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[73] NORDX/CDT, INC., CA
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[51] Int.Cl. 7A01N 25/08 7C05C 9/00
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[25] EN
[54] PRECOATED CONTROLLED
RELEASE FERTILIZERS AND
PROCESSES FOR THEIR
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[54] ENGRAIS PRE-ENROBES A
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DERNIERS
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[73] OMS INVESTMENTS, INC., US
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[25] EN
[54] FULL-DUPLEX
COMMUNICATION PROCESSOR
[54] PROCESSEUR DE
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[72] SCHERER, GREG, US
[72] FIACCO, PETER, US
[72] ROACH, BRADLEY, US
[73] EMULEX CORPORATION, US
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AND METHOD**

[54] **METHODE ET SYSTEME DE
CARTE DE DEBIT SANS FIL**

[72] SCHILLING, DONALD L., US

[73] INTERDIGITAL TECHNOLOGY
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[22] 1993-10-06

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[13] C

[51] **Int.Cl. 7G06F 12/02 7G11C 16/00**

[25] EN

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SYSTEM MANAGEMENT USING A
FLASH-ERASABLE,
PROGRAMMABLE, READ-ONLY
MEMORY**

[54] **METHODE ET SYSTEME DE
GESTION DE FICHIERS UTILISANT
UNE MEMOIRE MORTE
PROGRAMMABLE A EFFACEMENT
RAPIDE**

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[25] EN
[54] **PT32 SPERM PROTEIN, OOCYTE
CYTOPLASMIC C-YES, AND USES
THEREOF**
[54] **PROTEINE SPERMATIQUE PT32,
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[72] SUTOVSKY, PETER, US
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[71] OREGON HEALTH SCIENCES
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[43] 2001-11-25

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[51] Int.Cl. 7A61K 38/19
[25] EN
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INFLAMMATION BY PROTEASE
PRODUCTS**
[54] **MODULATION DE
L'INFLAMMATION A L'AIDE DE
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[72] CLARK-LEWIS, IAN, CA
[72] OVERALL, CHRISTOPHER MARK,
CA
[72] GONG, JIANG-HONG, CA
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[71] THE UNIVERSITY OF BRITISH
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MANUEL**
[54] **STATIONARY MANUAL
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[72] CLOUATRE, BRUNO, CA
[72] GAGNE, ROBIN, CA
[71] CLOUATRE, BRUNO, CA
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[22] 2000-05-26
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[25] EN
[54] **BLOCKING CELL-DIVISION AS A
THERAPEUTIC TREATMENT OF
PATHOGENIC BACTERIA**
[54] **BLOQUAGE DE LA DIVISION
CELLULAIRE COMME TRAITEMENT
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[72] RAMIREZ-ARCOS, SANDRA, CA
[72] SZETO, JASON, CA
[72] SALIMNIA, HOSSEIN, CA
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[71] UNIVERSITY OF OTTAWA, CA
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[43] 2001-11-26

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[25] EN
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OCTREOTIDE AND DERIVATIVES
THEREOF**
[54] **METHODE DE SYNTHESE DE
L'OCTREOTIDE ET DE SES DERIVES**
[72] CHEN, SHU-LING, CN
[72] CHANG, SHIANG-RONG, CN
[72] HUANG, TIAN-FU, CN
[72] HSIEH, YAO-TSUNG, CN
[72] HUANG, HENTON, CN
[72] LEE, TE-WEI, CN
[72] WU, HUI-LAN, CN
[72] CHYI, SHYH-YI, CN
[71] INSTITUTE OF NUCLEAR ENERGY
RESEARCH, CN
[22] 2000-06-01
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[13] A1
[51] Int.Cl. 7A47B 97/00
[25] EN
[54] **METALLIC FURNITURE
STRUCTURE AND PROCESS FOR
MAKING THE SAME**
[54] **STRUCTURE DE MOBILIER
METALLIQUE, ET SON PROCESSUS
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[72] HUANG, YI-CHEN, TW
[71] HUANG, YI-CHEN, TW
[22] 2000-05-25
[43] 2001-11-25

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[13] A1
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[25] EN
[54] **A BUILT-UP AIR CUSHION**
[54] **COUSSIN D'AIR INCORPORE**
[72] TSAI, JEN-HSIU, CN
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[22] 2000-05-25
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[13] A1

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[25] EN
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CONTAINING WATER, BEVERAGE OR
THE LIKE THEREIN**
[54] **RECIPIENT CONTENANT DE
L'EAU, UNE BOISSON OU UN LIQUIDE
SEMBLABLE**
[72] YANG, MIN-TE, TW
[71] YANG, MIN-TE, TW
[22] 2000-05-25
[43] 2001-11-25

[21] **2,309,417**
[13] A1

[51] **Int.Cl. 7A61K 35/14 7A61P 9/00**
[25] EN
[54] **APOPTOTIC ENTITIES FOR USE
IN TREATMENT OF ENDOTHELIUM
DYSFUNCTION DISORDERS**
[54] **ENTITES APOPTOTIQUES POUR
LE TRAITEMENT DE TROUBLES DE
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L'ENDOTHELIUM**
[72] MANDEL, ARKADY, CA
[72] BOLTON, ANTHONY E., GB
[71] VASOGEN IRELAND LIMITED, IE
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[43] 2001-11-25

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[13] A1

[51] **Int.Cl. 7A61K 35/14 7A61P 25/00
7A61K 35/12 7A61P 25/28**
[25] EN
[54] **APOPTOTIC ENTITIES FOR USE
IN TREATMENT OF
NEURODEGENERATIVE AND OTHER
NEUROLOGICAL DISORDERS**
[54] **ENTITES APOPTOTIQUES POUR
LE TRAITEMENT DE TROUBLES
NEURODEGENERATIFS ET AUTRES
TROUBLES NEUROLOGIQUES**
[72] MANDEL, ARKADY, CA
[72] BOLTON, ANTHONY E., GB
[71] VASOGEN IRELAND LIMITED, IE
[22] 2000-05-25
[43] 2001-11-25

[21] **2,309,455**
[13] A1

[51] **Int.Cl. 7G06F 13/12**
[25] EN
[54] **BUS ARCHITECTURE FOR HIGH-
RELIABILITY COMMUNICATIONS IN
A COMPUTER SYSTEM**
[54] **ARCHITECTURE EN BUS POUR
COMMUNICATIONS A GRANDE
SECURITE DANS UN SYSTEME
INFORMATIQUE**
[72] BIAGE, DANIEL, CA
[71] CML VERSATEL INC., CA
[22] 2000-05-25
[43] 2001-11-25

[21] **2,309,472**
[13] A1

[51] **Int.Cl. 7H04B 1/69 7H04B 7/204**
[25] EN
[54] **DATA COMMUNICATION
CHANNEL**
[54] **VOIE DE COMMUNICATION DE
DONNEES**
[72] SNELGROVE, WILLIAM MARTIN,
CA
[72] FRAZER, MARK JAMES, CA
[72] VAN HEESWYK, FRANK M., CA
[72] MANTHA, RAMESH, CA
[72] KSCHISCHANG, FRANK, CA
[71] SNELGROVE, WILLIAM MARTIN,
CA
[71] FRAZER, MARK JAMES, CA
[71] VAN HEESWYK, FRANK M., CA
[71] MANTHA, RAMESH, CA
[71] KSCHISCHANG, FRANK, CA
[22] 2000-05-25
[43] 2001-11-25

[21] **2,309,476**
[13] A1

[51] **Int.Cl. 7B21C 47/10**
[25] EN
[54] **BAND STEEL PLATE WINDING
APPARATUS**
[54] **ENROULEUR DE BANDES
D'ACIER**
[72] MORIMOTO, KAZUO, JP
[72] MIYAGUCHI, KANEHISA, JP
[72] YOKOO, KAZUTOSHI, JP
[71] MITSUBISHI HEAVY INDUSTRIES,
LTD., JP
[22] 2000-05-26
[43] 2001-11-26

[21] **2,309,477**
[13] A1

[51] **Int.Cl. 7A41D 13/005 7H05B 1/00**
[25] EN
[54] **HEATED CLOTHING FOR USE IN
COLD WEATHER AND COLD
CLIMATE REGIONS**
[54] **VETEMENTS CHAUFFES POUR
UTILISATION PAR TEMPS FROID ET
EN REGIONS FROIDES**
[72] SUDOL, TAD, CA
[72] SZYMOCHA, KAZIMIERZ, CA
[71] ALBERTA RESEARCH COUNCIL,
INC., CA
[71] TECHNOLOGY & RESEARCH
INCORPORATED, CA
[22] 2000-05-26
[43] 2001-11-26

[21] **2,309,479**
[13] A1

[51] **Int.Cl. 7A61N 2/08**
[25] EN
[54] **TREATMENT OF CELLULITE**
[54] **TRAITEMENT DE LA CELLULITE**
[72] JUBERT, ROGER, FR
[72] GIOVANNINI, PAOLO, IT
[72] GIOVANNINI, EDMONDO, BE
[71] MIR MAGNETIC INSTITUTE
RESEARCH S.A., CH
[22] 2000-05-26
[43] 2001-11-26

[21] **2,309,490**
[13] A1

[51] **Int.Cl. 7F23N 1/00 7F23D 14/28**
[25] EN
[54] **FLAME ADJUSTING DEVICE FOR
OXYGEN AND HYDROGEN
GENERATOR**
[54] **DISPOSITIF DE REGLAGE DE LA
FLAMME POUR GENERATEUR
D'OXYGENE ET D'HYDROGENE**
[72] LIN, WEN CHANG, TW
[71] LIN, WEN CHANG, TW
[22] 2000-05-26
[43] 2001-11-26

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[21] **2,309,496**
[13] A1

[51] **Int.Cl. 7D03C 3/40**
[25] EN
[54] **METHOD FOR MOUNTING A NEW HARNESS ON A SEAM WEAVING MACHINE, APPARATUS FOR MAKING A FLAT WOVEN FABRIC ENDLESS AND HARNESS CARRIAGE**
[54] **METHODE DE MONTAGE D'UN NOUVEAU FAISCEAU SUR UN METIER A TISSER A RECOUVREMENT, DISPOSITIF DE FABRICATION SANS FIN DE TISSU UNI ET CHARIOT PORTE-FAISCEAU**
[72] HOFSTETTER, EDGAR, DE
[72] HACKER, HANS EUGEN, DE
[72] GLUCK, ERNST, DE
[71] WANGNER FINCKH GMBH, DE
[22] 2000-05-26
[43] 2001-11-26

[21] **2,309,507**
[13] A1

[51] **Int.Cl. 7G08B 29/04**
[25] EN
[54] **METHOD FOR MAKING SECURITY SYSTEMS MORE TAMPER RESISTANT AND A SECURITY SYSTEM**
[54] **METHODE DE FABRICATION DE SYSTEMES DE SECURITE ANTI-SABOTAGES, ET SYSTEME DE SECURITE**
[72] UNTERSCHULTZ, DAVID DARRELL, CA
[71] UNTERSCHULTZ, DAVID DARRELL, CA
[22] 2000-05-25
[43] 2001-11-25

[21] **2,309,508**
[13] A1

[51] **Int.Cl. 7C08L 67/02 7C08J 9/06 7C08J 5/18**
[25] EN
[54] **MODIFICATION OF POLYETHYLENE TEREPHTHALATE (PET)**
[54] **MODIFICATION DU POLYETHYLENE TEREPHTHALATE (PET)**
[72] DONEY, GRANT W., CA
[71] DONEY, GRANT W., CA
[22] 2000-05-26
[43] 2001-11-26

[21] **2,309,510**
[13] A1

[51] **Int.Cl. 7C12M 1/40 7C12M 1/36**
[25] EN
[54] **ON-LINE SYNTHESIS WITH AN IMMOBILIZED ENZYME CASCADE**
[54] **SYNTHESE EN CONTINU AVEC CASCADE DE REACTEURS A ENZYMES IMMOBILISEES**
[72] MARKOGLOU, NEKTARIA, CA
[72] WAINER, IRVING W., US
[71] MCGILL UNIVERSITY, CA
[22] 2000-05-26
[43] 2001-11-26

[21] **2,309,518**
[13] A1

[51] **Int.Cl. 7A61K 35/14 7A61P 29/00 7A61K 35/12**
[25] EN
[54] **APOPTOTIC ENTITIES FOR USE IN TREATMENT OF T-CELL-MEDIATED AND INFLAMMATORY DISORDERS**
[54] **ENTITES APOPTOTIQUES POUR LE TRAITEMENT DE TROUBLES OU LES LYMPHOCYTES T JOUENT UN ROLE MEDiateUR ET LES TROUBLES DITS INFLAMMATOIRES**
[72] BOLTON, ANTHONY E., GB
[72] MANDEL, ARKADY, CA
[71] VASOGEN IRELAND LIMITED, IE
[22] 2000-05-25
[43] 2001-11-25

[21] **2,309,529**
[13] A1

[51] **Int.Cl. 7G06F 3/02 7B41J 5/10**
[25] EN
[54] **MOVEABLE KEYBOARD**
[54] **CLAVIER MOBILE**
[72] GREEN, RON MEIR, CA
[72] GREEN, LEONARD, CA
[71] GREEN, RON MEIR, CA
[71] GREEN, LEONARD, CA
[22] 2000-05-26
[43] 2001-11-26

[21] **2,309,531**
[13] A1

[51] **Int.Cl. 7H04Q 7/32 7H04Q 7/34 7H04Q 7/36**
[25] EN
[54] **METHOD TO INTERFACE A CELLULAR (WIRELESS) TELEPHONE TO A STANDARD TELEPHONE SET**
[54] **METHODE D'INTERFACAGE D'UN TELEPHONE CELLULAIRE (SANS FIL) ET D'UN TELEPHONE ORDINAIRE**
[72] HOFER, ROBERT, ZZ
[71] HOFER, ROBERT, ZZ
[22] 2000-05-25
[43] 2001-11-25

[21] **2,309,540**
[13] A1

[51] **Int.Cl. 7G01H 17/00**
[25] EN
[54] **VIBRATION SENSING DEVICE**
[54] **DISPOSITIF DE DETECTION DE VIBRATIONS**
[72] WEI, JUNG-TSUNG, TW
[71] WEI, JUNG-TSUNG, TW
[22] 2000-05-25
[43] 2001-11-25

[21] **2,309,545**
[13] A1

[51] **Int.Cl. 7F04B 43/107 7F04B 47/00**
[25] EN
[54] **IMPROVEMENT IN PROGRESSIVE CAVITY PUMPS**
[54] **AMELIORATION DE POMPES A CAVITE INTERMEDIAIRE**
[72] GRENKE, EDUARD, CA
[71] GRENKE, EDUARD, CA
[22] 2000-05-25
[43] 2001-11-25

[21] **2,309,565**
[13] A1

[51] **Int.Cl. 7A43B 5/16 7A63C 1/02**
[25] EN
[54] **SKATE HAVING DYNAMIC RANGE OF MOTION**
[54] **PATIN OFFRANT UNE PLAGES DYNAMIQUE DE MOUVEMENT**
[72] MADORE, CARL, CA
[71] BAUER NIKE HOCKEY INC., CA
[22] 2000-05-25
[43] 2001-11-25

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[21] **2,309,572**
[13] A1

[51] **Int.Cl. 7C10L 11/04**
[25] EN
[54] **A FIRE STARTER AS SOLE FUEL TO QUICKLY IGNITE A LOG OF WOOD**
[54] **ALLUMEUR SERVANT DE CARBURANT UNIQUE POUR ENFLAMMER RAPIDEMENT UNE BUCHE**
[72] COMAS, CHRISTIAN, CA
[71] LA KORDE DE BOIS INC., CA
[22] 2000-05-26
[43] 2001-11-26

[21] **2,309,575**
[13] A1

[51] **Int.Cl. 7C08F 120/06 7C08F 228/02 7C08J 3/24 7C08F 120/54**
[25] EN
[54] **INTERNALLY CROSS-LINKED MACROMOLECULES**
[54] **MACROMOLECULES A RETICULATION INTERNE**
[72] GUILLET, JAMES E., CA
[71] GUILLET, JAMES E., CA
[22] 2000-05-26
[43] 2001-11-26

[21] **2,309,622**
[13] A1

[51] **Int.Cl. 7A63D 15/08**
[25] EN
[54] **BILLIARD, SNOOKER AND POOL CUE SHAFT**
[54] **MANCHE DE BAGUETTE DE BILLARD, DE SNOOKER ET DE BILLARD A BLOUSES**
[72] ANDREWS, JOHN, CA
[71] ANDREWS, JOHN, CA
[22] 2000-05-25
[43] 2001-11-25

[21] **2,309,759**
[13] A1

[51] **Int.Cl. 7F16H 37/02 7F16H 15/50**
[25] EN
[54] **USE OF A CONTINUOUSLY VARIABLE POWER SPLIT TRANSMISSION IN A HYBRID VEHICLE**
[54] **UTILISATION D'UNE TRANSMISSION A REPARTITION DU COUPLE PAR CHANGEMENT DE VITESSE CONTINU DANS UN VEHICULE HYBRIDE**
[72] KMICIKIEWICZ, MAREK, CA
[71] CKE TECHNOLOGIES INC., CA
[22] 2000-05-26
[43] 2001-11-26

[21] **2,309,780**
[13] A1

[51] **Int.Cl. 7H04S 1/00 7H04R 5/04**
[25] EN
[54] **METHOD FOR LOCALIZING SOUND IMAGE OF REPRODUCING SOUND OF AUDIO SIGNALS FOR STEREOPHONIC REPRODUCTION OUTSIDE SPEAKERS**
[54] **METHODE DE LOCALISATION DE L'IMAGE SONORE DU SON DE LECTURE DE SIGNAUX AUDIO POUR LA LECTURE STEREOPHONIQUE A L'EXTERIEUR DES HAUT-PARLEURS**
[72] KOBAYASHI, WATARU, JP
[71] OPENHEART LTD., JP
[71] A LIMITED RESPONSIBILITY COMPANY, RESEARCH NETWORK, JP
[22] 2000-05-26
[43] 2001-11-26

[21] **2,309,795**
[13] A1

[51] **Int.Cl. 7C07F 13/00 7A61K 51/00**
[25] FR
[54] **PRODUITS RADIOPHARMACEUTIQUES UTILES POUR LE MARQUAGE SELECTIF DES LYMPHOCYTES ET LEUR PREPARATION**
[54] **RADIOPHARMACEUTICAL PRODUCTS FOR SELECTIVE MARKING OF LYMPHOCYTES AND PREPARATION OF SAID PRODUCTS**
[72] PASQUALINI, ROBERTO, FR
[72] PATIN, HENRI, FR
[72] MEVELLEC, FRANCK, FR
[72] NOIRET, NICOLAS, FR
[72] ROUCOUX, ALAIN, FR
[72] BELLANDE, EMMANUEL, FR
[71] CIS BIO INTERNATIONAL, FR
[22] 2000-05-29
[43] 2001-11-29

[21] **2,309,803**
[13] A1

[51] **Int.Cl. 7B65D 81/26**
[25] FR
[54] **BUVARD ALIMENTAIRE**
[54] **FOOD BLOTTER**
[72] unknown, ZZ
[71] FEMPRO INC., CA
[22] 2000-05-31
[43] 2001-11-30

[21] **2,309,846**
[13] A1

[51] **Int.Cl. 7B60K 6/02**
[25] FR
[54] **MACHINE ELECTRIQUE A USAGE FORESTIER OU AGRICOLE**
[54] **ELECTRICAL MACHINE FOR USE IN FORESTRY OR AGRICULTURE**
[72] CARON, FRANCOIS, CA
[72] AUCLAIR, PAUL-ANDRE, CA
[71] CARON, FRANCOIS, CA
[71] AUCLAIR, PAUL-ANDRE, CA
[22] 2000-05-26
[43] 2001-11-26

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[21] **2,309,849**
[13] A1

[51] **Int.Cl. 7B66D 3/00**
[25] EN
[54] **WINERY LIFT**
[54] **APPAREIL DE LEVAGE POUR**
VINERIE
[72] ROYCE, JOHN HENRY, CA
[71] ROYCE, JOHN HENRY, CA
[22] 2000-05-25
[43] 2001-11-25

[21] **2,309,850**
[13] A1

[51] **Int.Cl. 7F03D 3/00 7F03D 3/06**
[25] EN
[54] **STRAIGHT-BLADED, VERTICAL**
AXIS WIND TURBINE
[54] **EOLIENNE A AXE VERTICAL ET**
AUBES RADIALES
[72] QURAESHI, SAEED, CA
[71] QURAESHI, SAEED, CA
[22] 2000-05-26
[43] 2001-11-26

[21] **2,309,851**
[13] A1

[51] **Int.Cl. 7F16B 37/06**
[25] EN
[54] **TWO SIDED PILOTED WELD NUT**
[54] **ECROU A SOUDER A GUIDE AUX**
DEUX EXTREMITES
[72] CLARKE, LEE ERNEST, CA
[71] CLARKE, LEE ERNEST, CA
[22] 2000-05-26
[43] 2001-11-26

[21] **2,309,852**
[13] A1

[51] **Int.Cl. 7A47B 23/06**
[25] EN
[54] **BOOK HOLDER**
[54] **PORTE-LIVRE**
[72] ZHANG, CHENGPING, CA
[71] ZHANG, CHENGPING, CA
[22] 2000-05-26
[43] 2001-11-26

[21] **2,309,853**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **TAX-EFFICIENT ASSET**
ALLOCATION SYSTEM
[54] **SYSTEME DE REPARTITION DES**
TITRES EFFICACE SUR LE PLAN
FISCAL
[72] FRAZER, ANDRE J., CA
[71] FRAZER, ANDRE J., CA
[22] 2000-05-29
[43] 2001-11-29

[21] **2,309,864**
[13] A1

[51] **Int.Cl. 7B60P 3/34 7B60P 3/42**
[25] EN
[54] **CAMPER TRAILER**
CONVERTIBLE TO A TRUCK CAMPER
[54] **TENTE REMORQUE**
TRANSFORMABLE EN CAMPEUSE
SUR CAMIONNETTE
[72] BROWN, GREGORY THOMAS, CA
[71] BROWN, GREGORY THOMAS, CA
[22] 2000-05-29
[43] 2001-11-29

[21] **2,309,869**
[13] A1

[51] **Int.Cl. 7B64D 33/02 7F02C 7/055**
[25] EN
[54] **AIRPLANE FRONT OF**
PROPELLER STEEL WIRE BIRD NET
[54] **FILET ANTI-OISEAU EN FIL**
D'ACIER POUR DEVANT D'HELICE
D'AVION
[72] JUNG-CHANG, CHI, TW
[71] JUNG-CHANG, CHI, TW
[22] 2000-05-31
[43] 2001-11-30

[21] **2,309,870**
[13] A1

[51] **Int.Cl. 7E05B 65/52**
[25] EN
[54] **MYSTERY BOX**
[54] **BOITE MYSTERE**
[72] BALINT, SANDOR, CA
[72] NOUSSIS, ADAM, CA
[71] BALINT, SANDOR, CA
[71] NOUSSIS, ADAM, CA
[22] 2000-05-31
[43] 2001-11-30

[21] **2,309,872**
[13] A1

[51] **Int.Cl. 7B65D 43/16 7B65D 6/00**
7B25H 3/02 7A45C 5/04 7A01K 97/06
[25] EN
[54] **MULTIPURPOSE UTILITY BOX**
[54] **BOITIER D'INSTALLATIONS**
UNIVERSEL
[72] PELLETIER, HENRY, CA
[71] PELLETIER, HENRY, CA
[22] 2000-06-01
[43] 2001-12-01

[21] **2,309,873**
[13] A1

[51] **Int.Cl. 7C02F 1/76 7B67D 5/08 7F17D**
3/12 7E04H 4/14
[25] EN
[54] **METHOD AND APPARATUS FOR**
CONTINUOUS CHLORINATION OF
SWIMMING POOL WATER
[54] **METHODE ET APPAREIL DE**
CHLORATION EN CONTINU DE L'EAU
DE PISCINE
[72] BOLGER, GORDON T., CA
[72] KOZLOVSKI, GEORGE, CA
[71] BOLGER, GORDON T., CA
[71] KOZLOVSKI, GEORGE, CA
[22] 2000-06-01
[43] 2001-12-01

[21] **2,309,898**
[13] A1

[51] **Int.Cl. 7A01G 23/10**
[25] FR
[54] **BOUCHON D'ENTAILLES**
D'ARBRES
[54] **TREE TAP-HOLE PLUG**
[72] LAVERDIERE, JACQUES, CA
[72] GARANT, CLAUDE, CA
[72] GARANT, EMILE, CA
[72] GARANT, DANIEL, CA
[71] LAVERDIERE, JACQUES, CA
[71] GARANT, CLAUDE, CA
[71] GARANT, EMILE, CA
[71] GARANT, DANIEL, CA
[22] 2000-05-30
[43] 2001-11-30

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[21] **2,309,899**
[13] A1

[51] **Int.Cl. 7G08B 13/00 7G08B 29/00 7F02D 17/04 7B60R 25/04**
[25] EN
[54] **DISPOSITIF ANTI VOL D'AUTOMOBILE**
[54] **AUTOMOTIVE ANTI-THEFT DEVICE**
[72] LESSARD, HUGO, CA
[72] GROS-LOUIS, ERIC, CA
[71] LESSARD, HUGO, CA
[71] GROS-LOUIS, ERIC, CA
[22] 2000-05-30
[43] 2001-11-30

[21] **2,309,928**
[13] A1

[51] **Int.Cl. 7E05C 19/06**
[25] EN
[54] **SIMPLIFIED INTEGRAL INSIDE AND OUTSIDE HANDLE AND OPERATOR FOR A LATCH MEMBER FOR CLOSURES**
[54] **POIGNEE INTERIEURE ET EXTERIEURE INTEGRALE SIMPLIFIEE AINSI QU'ORGANE DE COMMANDE POUR VEROUS DE FERMETURE**
[72] DAVIES, SEAN, CA
[72] KUPENTHIRARAJAN, SINNATHAMBY, CA
[71] PREFERRED ENGINEERING PRODUCTS, LTD., CA
[22] 2000-05-29
[43] 2001-11-29

[21] **2,309,938**
[13] A1

[51] **Int.Cl. 7E01H 5/10**
[25] EN
[54] **SNOW REMOVAL APPARATUS AND METHOD OF USING SAME**
[54] **EQUIPEMENT DE DENEIGEMENT ET TECHNIQUE D'UTILISATION DE CE DERNIER**
[72] DESMARAIS, LIONEL CHARLES, CA
[72] STENE, BERNIE A., CA
[72] NYE, MARK E., CA
[72] JACKSON, ANDREW SMITH, CA
[71] 360 FIBER LTD., CA
[22] 2000-05-29
[43] 2001-11-29

[21] **2,309,941**
[13] A1

[51] **Int.Cl. 7E04D 13/17 7F24F 7/02**
[25] EN
[54] **VENT FOR VENTING A BUILDING ENCLOSURE**
[54] **PRISE D'AIR POUR AERATION DE L'ENVELOPPE D'UN BATIMENT**
[72] MANTYLA, JAMES, CA
[72] MCKEE, JIM, CA
[71] CANPLAS INDUSTRIES LTD., CA
[22] 2000-05-29
[43] 2001-11-29

[21] **2,309,942**
[13] A1

[51] **Int.Cl. 7E21B 17/10**
[25] EN
[54] **CASING CENTRALIZER**
[54] **CENTREUR DE TUBAGE**
[72] ANGMAN, PER G., CA
[72] TESSARI, ROBERT M., CA
[71] TESCO CORPORATION, CA
[22] 2000-05-29
[43] 2001-11-29

[21] **2,310,149**
[13] A1

[51] **Int.Cl. 7H01H 13/52 7G08G 1/02 7H01H 9/08**
[25] EN
[54] **IN ROAD VEHICLE AXLE SENSOR**
[54] **CAPTEUR D'ESSIEU DE VEHICULE SUR LA ROUTE**
[72] TAYLOR, BRIAN, CA
[71] INTERNATIONAL ROAD DYNAMICS INC., CA
[22] 2000-05-30
[43] 2001-11-30

[21] **2,310,150**
[13] A1

[51] **Int.Cl. 7G06F 17/60 7G06F 13/00**
[25] EN
[54] **METADATA-DRIVEN STATISTICS PROCESSING**
[54] **TRAITEMENT DES STATISTIQUES GUIDES PAR LES DONNEES METADATA**
[72] GODIN, BENOIT, CA
[72] EDMISON, KELVIN, CA
[72] BERGWERFF, STEVE, CA
[71] CROSSKEYS SYSTEMS CORPORATION, CA
[22] 2000-05-30
[43] 2001-11-30

[21] **2,310,158**
[13] A1

[51] **Int.Cl. 7E04G 5/08 7E01D 15/12 7E01D 19/12**
[25] EN
[54] **SCAFFOLDING PLANK**
[54] **MADRIER POUR ECHAFAUDAGE**
[72] ROLLAND, JOHN, CA
[71] BOIS COBODEX (1995) INC., CA
[22] 2000-05-30
[43] 2001-11-30

[21] **2,310,164**
[13] A1

[51] **Int.Cl. 7A01K 7/00 7A01K 1/035**
[25] EN
[54] **A METHOD AND APPARATUS FOR SECURING A BOTTLE TO A PET CAGE**
[54] **METHODE ET APPAREIL POUR FIXER UNE BOUTEILLE A LA CAGE D'UN ANIMAL DE COMPAGNIE**
[72] PELLETIER, DARCY, CA
[71] PELLETIER, DARCY, CA
[22] 2000-05-30
[43] 2001-11-30

[21] **2,310,165**
[13] A1

[51] **Int.Cl. 7F15B 13/04 7F16K 47/02 7F16K 11/07 7F16K 31/14**
[25] EN
[54] **ADJUSTABLE SLOW SHIFT CONTROL UNIT**
[54] **DISPOSITIF DE COMMANDE DE TRANSFERT LENT REGLABLE**
[72] STACH, ROMAN, CA
[71] STACH, ROMAN, CA
[22] 2000-05-30
[43] 2001-11-30

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[21] **2,310,166**
[13] A1

[51] **Int.Cl. 7C08G 18/48 7C08L 75/08 7C08G 18/72**
[25] EN
[54] **A TWO COMPONENT CHEMICALLY THERMOSET COMPOSITE RESIN MATRIX FOR USE IN COMPOSITE MANUFACTURING PROCESSES**
[54] **UNE MATRICE EN RESINE COMPOSITE A DEUX COMPOSANTS, THERMODURCISSABLE CHIMIQUEMENT, DESTINEE A DES PROCEDES DE FABRICATION DE COMPOSITES**
[72] SLABACK, DAVID, CA
[72] RYCKIS-KITE, GAIL, CA
[71] RESIN SYSTEMS INC., CA
[22] 2000-05-29
[43] 2001-11-29

[21] **2,310,169**
[13] A1

[51] **Int.Cl. 7B07B 7/083**
[25] EN
[54] **COMPOST PARTICLE SEPARATION UNIT**
[54] **UNITE DE SEPARATION DE PARTICULES DE COMPOST**
[72] NETHERCOTT, GARY, CA
[72] ZINN, LES, CA
[71] 1247803 ONTARIO LIMITED, CA
[22] 2000-05-30
[43] 2001-11-30

[21] **2,310,172**
[13] A1

[51] **Int.Cl. 7B60R 1/12 7H04Q 7/32**
[25] EN
[54] **COMBINED REAR VIEW MIRROR AND TELEPHONE**
[54] **RETROVISEUR ET CELLULAIRE COMBINES**
[72] BARATONO, RONALD D., US
[71] BARATONO, RONALD D., US
[22] 2000-05-29
[43] 2001-11-29

[21] **2,310,180**
[13] A1

[51] **Int.Cl. 7A47J 31/44 7A47G 19/12**
[25] EN
[54] **AN IMPROVED FROTH-MAKING CARAFE FOR MAKING CAPPUCCINO AND THE LIKE**
[54] **CARAFE A MOUSSER AMELIOREE POUR CAPPUCCINO ET AUTRES CAFES**
[72] GATIEN, JACQUES, CA
[71] LES PROMOTIONS ATLANTIQUES INC., CA
[22] 2000-05-29
[43] 2001-11-29

[21] **2,310,188**
[13] A1

[51] **Int.Cl. 7H04L 12/66 7H04M 11/06**
[25] EN
[54] **COMMUNICATION STRUCTURE WITH CHANNELS CONFIGURED RESPONSIVE TO RECEPTION QUALITY**
[54] **STRUCTURE DE COMMUNICATION AVEC CANAUX A CONFIGURATION SENSIBLE A LA QUALITE DE RECEPTION**
[72] VAN HEESWYK, FRANK, CA
[72] FRAZER, MARK J., CA
[72] KSCHISCHANG, FRANK, CA
[72] SNELGROVE, W. MARTIN, CA
[72] MANTHA, RAMESH, CA
[71] VAN HEESWYK, FRANK, CA
[71] FRAZER, MARK J., CA
[71] KSCHISCHANG, FRANK, CA
[71] SNELGROVE, W. MARTIN, CA
[71] MANTHA, RAMESH, CA
[22] 2000-05-30
[43] 2001-11-30

[21] **2,310,195**
[13] A1

[51] **Int.Cl. 7B62H 3/08 7B62B 3/04**
[25] EN
[54] **MOTORCYCLE DOLLY**
[54] **CHASSIS ROULANT POUR MOTOCYCLETTE**
[72] SZILAGYI, JOHN, CA
[71] SZILAGYI, JOHN, CA
[22] 2000-05-29
[43] 2001-11-29

[21] **2,310,198**
[13] A1

[51] **Int.Cl. 7E21B 23/00 7F04B 47/00**
[25] EN
[54] **HOLD DOWN APPARATUS FOR PROGRESSING CAVITY**
[54] **DISPOSITIF DE RETENUE POUR PERCAGE DE TROUS**
[72] HILL, DAVID A., CA
[72] ALDRIDGE, COLIN A., CA
[71] KUDU INDUSTRIES INC., CA
[22] 2000-05-29
[43] 2001-11-29

[21] **2,310,199**
[13] A1

[51] **Int.Cl. 7H01S 3/10 7H01S 5/00 7H04J 14/02**
[25] EN
[54] **MULTI-WAVELENGTH LASERS**
[54] **LASERS A LONGUEURS D'ONDE MULTIPLES**
[72] HATAMI-HANZA, HAMID, CA
[72] AHMADVAND, NIMA, CA
[71] TELLAMON PHOTONIC NETWORKS INC., CA
[22] 2000-05-29
[43] 2001-11-29

[21] **2,310,200**
[13] A1

[51] **Int.Cl. 7H04H 1/00 7H04L 12/18**
[25] EN
[54] **A SYSTEM AND METHOD FOR PROVIDING BROADCAST INFORMATION IN MULTIPLE FORMATS**
[54] **SYSTEME ET METHODE PERMETTANT DE DIFFUSER DE L'INFORMATION DANS DES FORMATS MULTIPLES**
[72] LEE, ADA, CA
[72] LAM, STANLEY CHUN FUNG, CA
[72] XIE, HAIPENG, CA
[72] CHEUNG, KA HANG, CA
[72] BROWNE, ROGER STANISLAUS, CA
[72] DUTTON, GRAHAM RALPH, CA
[72] HONG, COLLIN, CA
[71] WORLD UNWIRED INC., CA
[22] 2000-05-29
[43] 2001-11-29

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November 25, 2001 - December 1, 2001**

[21] **2,310,205**
[13] A1

[51] **Int.Cl. 7C07D 279/30 7A61P 9/00
7A61P 35/00 7A61P 27/06 7A61P 25/28
7A61K 31/5415**
[25] EN
[54] **UNKNOWN**
[54] **INCONNU**
[72] UNKNOWN, ZZ
[71] DALHOUSIE UNIVERSITY, CA
[22] 2000-05-29
[43] 2001-11-29

[21] **2,310,219**
[13] A1

[51] **Int.Cl. 7C08G 77/22 7G02B 1/00
7C09D 183/08 7C09J 183/08 7G02B 6/13**
[25] EN
[54] **APPLICATION OF DEUTERIUM
OXIDE IN PRODUCING SILICON
CONTAINING AND METAL
CONTAINING MATERIALS**
[54] **UTILISATION D'EAU LOURDE
POUR LA PRODUCTION DE
MATERIAUX CONTENANT DU
SILICIUM ET DES METAUX**
[72] PAN, GUANG, CA
[72] ZHOU, MING, CA
[72] XIAO, GAOZHI, CA
[72] ZHANG, PINGQING, CA
[72] ZHANG, ZHIYI, CA
[71] NU-WAVE PHOTONICS INC., CA
[22] 2000-05-29
[43] 2001-11-29

[21] **2,310,262**
[13] A1

[51] **Int.Cl. 7H04N 5/30 7F41H 11/00**
[25] EN
[54] **SUN OPTICAL LIMITATION
ILLUMINATION DETECTOR (SOLID)**
[54] **PHOTODETECTEUR (SOLIDE)
AVEC LIMITATION GRACE A UN
DISPOSITIF OPTIQUE DE
L'ECLAIRAGE SOLAIRE**
[72] DUBOIS, Jacques, CA
[71] THE MINISTER OF NATIONAL
DEFENCE, CA
[22] 2000-05-29
[43] 2001-11-29

[21] **2,310,288**
[13] A1

[51] **Int.Cl. 7A23J 3/16 7C07F 9/117
7A23J 3/14**
[25] EN
[54] **TREATMENT OF PLANT PROTEIN
EXTRACT BY ION EXCHANGE TO
REMOVE PHYTIC ACID AND
PHYTATES**
[54] **TRAITEMENT D'EXTRAIT DE
PROTEINE VEGETALE PAR
ECHANGE D'IONS AFIN D'ELIMINER
L'ACIDE PHYTIQUE ET LES
PHYTATES**
[72] BATES, GREGORY A., US
[71] PROTEIN TECHNOLOGIES
INTERNATIONAL INC., US
[22] 2000-05-30
[43] 2001-11-30

[21] **2,310,290**
[13] A1

[51] **Int.Cl. 7A61K 31/7048 7A61P 31/00
7A61K 45/06 7A61K 31/135 7A61K 31/352
7A61K 31/40 7A61K 31/445**
[25] EN
[54] **COMPOSITION FOR AND
METHOD OF PREVENTING OR
TREATING BREAST CANCER**
[54] **COMPOSITION ET METHODE
POUR PREVENIR OU TRAITER LE
CANCER DU SEIN**
[72] HENLEY, E. C., US
[72] TAYLOR, RICHARD B., US
[71] PROTEIN TECHNOLOGIES
INTERNATIONAL INC., US
[22] 2000-05-30
[43] 2001-11-30

[21] **2,310,293**
[13] A1

[51] **Int.Cl. 7H04B 10/14 7H04J 14/02
7H04B 10/08 7H04B 10/18**
[25] EN
[54] **PHOTONIC NETWORK NODE**
[54] **NOEUD DE RESEAU
PHOTONIQUE**
[72] GRAVES, ALAN F., CA
[72] GRUBER, JOHN G., CA
[71] GRAVES, ALAN F., CA
[71] GRUBER, JOHN G., CA
[22] 2000-05-30
[43] 2001-11-30

[21] **2,310,294**
[13] A1

[51] **Int.Cl. 7A61K 31/7048 7A61P 31/00
7A61K 31/135 7A61K 31/352**
[25] EN
[54] **COMPOSITION FOR AND
METHOD OF PREVENTING OR
TREATING BREAST CANCER**
[54] **COMPOSITION ET METHODE
POUR PREVENIR OU TRAITER LE
CANCER DU SEIN**
[72] HENLEY, E. C., US
[72] TAYLOR, RICHARD B., US
[71] PROTEIN TECHNOLOGIES
INTERNATIONAL INC., US
[22] 2000-05-30
[43] 2001-11-30

[21] **2,310,295**
[13] A1

[51] **Int.Cl. 7G01R 19/155 7G11C 15/00**
[25] EN
[54] **MULTIPLE MATCH DETECTION
CIRCUIT AND METHOD**
[54] **CIRCUIT ET METHODE DE
DETECTION DE CONCORDANCE
MULTIPLE**
[72] MA, PETER P., CA
[72] MA, STANLEY JEH-CHUN, CA
[71] MOSAID TECHNOLOGIES
INCORPORATED, CA
[22] 2000-05-31
[43] 2001-11-30

[21] **2,310,297**
[13] A1

[51] **Int.Cl. 7E04D 5/10**
[25] EN
[54] **MOISTURE AND WEATHER
PROOFING MEMBRANE**
[54] **MEMBRANE RESISTANT A
L'HUMIDITE ET AUX INTEMPERIES**
[72] VOYER, RICHARD, CA
[72] TARAPASKI, WILLIAM, CA
[71] SOPREMA CANADA INC., CA
[22] 2000-05-30
[43] 2001-11-30

Demandes canadiennes mises à la disponibilité du public
25 novembre 2001 - 1 décembre 2001

[21] **2,310,303**
[13] A1

[51] **Int.Cl. 7G08B 21/18 7G08B 17/00**
[25] EN
[54] **VIRTUAL ACCELERATOR FOR DETECTING AN ALARM CONDITION WITHIN A PRESSURIZED GAS SPRINKLER SYSTEM AND METHOD THEREOF**
[54] **ACCELERATEUR VIRTUEL POUR DETECTER UNE SITUATION D'ALARME DANS UN SYSTEME DE GICLEURS A GAZ SOUS PRESSION ET METHODE CONNEXE**
[72] ASSELIN, JEAN-PIERRE, CA
[71] SYSTEMES FIREFLEX INC., CA
[22] 2000-05-30
[43] 2001-11-30

[21] **2,310,311**
[13] A1

[51] **Int.Cl. 7H03L 7/093 7H03L 7/16**
[25] EN
[54] **PHASE LOCKED-LOOP USING SUB-SAMPLING**
[54] **BOUCLE A PHASE ASSERVIE UTILISANT LE SOUS-ECHANTILLONNAGE**
[72] HAFEZ, AMR N., CA
[72] ELMASRY, MOHAMED I., CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2000-05-30
[43] 2001-11-25
[30] US (09/579,088) 2000-05-25

[21] **2,310,353**
[13] A1

[51] **Int.Cl. 7C07F 9/50 7C07F 9/547**
[25] EN
[54] **SYNTHESIS OF DIPHOSPHINOARENES**
[54] **SYNTHESE DE DIPHOSPHINOARENES**
[72] HILLHOUSE, JOHN HENRY, CA
[71] CYTEC TECHNOLOGY CORP., US
[22] 2000-05-31
[43] 2001-11-30

[21] **2,310,354**
[13] A1

[51] **Int.Cl. 7A01G 13/02**
[25] EN
[54] **PLANT OR SEEDLING PROTECTOR**
[54] **PROTECTEUR DE PLANT OU DE SEMIS**
[72] KENDALL, JOHN, CA
[71] KENDALL, JOHN, CA
[22] 2000-05-30
[43] 2001-11-30

[21] **2,310,355**
[13] A1

[51] **Int.Cl. 7C07F 9/50 7C08F 14/16 7C08F 8/40 7C07F 9/547**
[25] EN
[54] **PHOSPHORUS AROMATIC COMPOUNDS AND POLYMERS THEREOF**
[54] **COMPOSES AROMATIQUES PHOSPHORES ET POLYMERES DE CEUX-CI**
[72] HILLHOUSE, JOHN HENRY, CA
[71] CYTEC TECHNOLOGY CORP., US
[22] 2000-05-31
[43] 2001-11-30

[21] **2,310,361**
[13] A1

[51] **Int.Cl. 7A43B 23/07 7A43B 7/12**
[25] EN
[54] **WATERPROOF SHOE HAVING STITCH SEAM FOR DRAINAGE (II)**
[54] **CHAUSSURE IMPERMEABLE AVEC COUTURE PERMETTANT L'EVACUATION DE L'EAU (II)**
[72] CHEN, EDDIE, TW
[71] CHEN, EDDIE, TW
[22] 2000-05-30
[43] 2001-11-30

[21] **2,310,363**
[13] A1

[51] **Int.Cl. 7A43B 23/07 7A43B 7/12**
[25] EN
[54] **WATERPROOF SHOE HAVING STITCH SEAM FOR DRAINAGE (I)**
[54] **CHAUSSURE IMPERMEABLE AVEC COUTURE PERMETTANT L'EVACUATION DE L'EAU (I)**
[72] CHEN, EDDIE, TW
[71] CHEN, EDDIE, TW
[22] 2000-05-30
[43] 2001-11-30

[21] **2,310,364**
[13] A1

[51] **Int.Cl. 7H04L 12/16 7G06F 17/60**
[25] EN
[54] **FORTUNE-TELLING ORIENTED NETWORK INFORMATION SUPPLY SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE FOURNITURE D'INFORMATIONS DE RESEAU AXES SUR LA DIVINATION**
[72] CHEN, CHIH-MIN, TW
[71] PCYI NETWORK CORPORATION, TW
[22] 2000-05-31
[43] 2001-11-30

[21] **2,310,366**
[13] A1

[51] **Int.Cl. 7G06F 17/60 7H04L 12/16 7G06F 17/30**
[25] EN
[54] **SYSTEM AND METHOD FOR DISPLAYING GEOGRAPHICAL BUSINESS LOCATION WITHIN A CITY OR OTHER AREAS**
[54] **SYSTEME ET METHODE D'AFFICHAGE D'EMPLACEMENTS COMMERCIAUX GEOGRAPHIQUES A L'INTERIEUR D'UNE VILLE OU D'AUTRES ZONES**
[72] MITCHELL, B. STEPHEN, CA
[72] POTTER, ROBERT, CA
[71] CITYVU INC., CA
[22] 2000-05-30
[43] 2001-11-30

[21] **2,310,376**
[13] A1

[51] **Int.Cl. 7F16L 59/20**
[25] EN
[54] **HEAT SHIELD**
[54] **ECRAN THERMIQUE**
[72] BROWN, ROBERT J., GB
[72] BECHTOLD, THOMAS H., DE
[72] SEEPERSAUD, DAVID, CA
[71] SHAW INDUSTRIES LTD., CA
[22] 2000-06-01
[43] 2001-12-01

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[21] **2,310,385**
[13] A1

[51] **Int.Cl. 7G09B 15/00 7G10D 13/02**
[25] EN
[54] **SNARE DRUM SIMULATOR PRACTICE PAD**
[54] **TAMPON DE PRATIQUE SIMULANT UNE CAISSE CLAIRE**
[72] HEUERMAN, KEVIN MICHAEL, US
[71] HEUERMAN, KEVIN MICHAEL, US
[22] 2000-06-01
[43] 2001-11-30
[30] US (09/585,232) 2000-05-31

[21] **2,310,436**
[13] A1

[51] **Int.Cl. 7E05D 15/48 7E05D 15/22**
[25] EN
[54] **COMBINED SLIDING AND PIVOT WINDOW ASSEMBLY**
[54] **FENETRE COMBINANT COULISSEMENT ET PIVOTEMENT**
[72] NEO, SER LEE, SG
[71] NEO, SER LEE, SG
[22] 2000-06-01
[43] 2001-12-01

[21] **2,310,513**
[13] A1

[51] **Int.Cl. 7A61K 31/715 7A61P 3/00 7A23L 1/29 7A61K 35/78**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR REDUCING BLOOD GLUCOSE**
[54] **COMPOSITIONS ET METHODES POUR ABAISSER LA GLYCEMIE**
[72] VUSKAN, VLADIMIR, CA
[71] VUSKAN, VLADIMIR, CA
[22] 2000-05-31
[43] 2001-11-30

[21] **2,310,397**
[13] A1

[51] **Int.Cl. 7G07F 15/04 7H04L 12/16 7G06F 17/60**
[25] EN
[54] **COMPUTER CONTROLLED WATER DISPENSER**
[54] **DISTRIBUTEUR D'EAU COMMANDE PAR ORDINATEUR**
[72] CONNOR, NORMAN JOHN, CA
[71] CONNOR, NORMAN JOHN, CA
[22] 2000-05-30
[43] 2001-11-30

[21] **2,310,476**
[13] A1

[51] **Int.Cl. 7F16D 66/00 7B60T 17/22**
[25] EN
[54] **BRAKE S-CAM POSITIONING SENSOR SYSTEM**
[54] **GROUPE-CAPTEURS DE POSITIONNEMENT DE CAME DE FREIN EN S**
[72] ADAMS, KEN, CA
[72] CHIA, SAM, CA
[72] MANTINI, JOHN, CA
[71] ADAMS, KEN, CA
[71] CHIA, SAM, CA
[71] MANTINI, JOHN, CA
[22] 2000-06-01
[43] 2001-12-01

[21] **2,310,517**
[13] A1

[51] **Int.Cl. 7D06F 58/20 7D06M 23/02 7A61L 9/12**
[25] EN
[54] **ANTI-STATIC BALL AND A METHOD OF USING THE SAME**
[54] **BOULE ANTISTATIQUE ET UNE METHODE POUR L'UTILISER**
[72] VITORINO, TONY, US
[71] CHU, PHILIP CHUEN MEI, HK
[22] 2000-05-31
[43] 2001-11-30

[21] **2,310,402**
[13] A1

[51] **Int.Cl. 7E04B 2/74**
[25] EN
[54] **OPEN OFFICE PANEL SYSTEM**
[54] **SYSTEME DE PANNEAUX DE BUREAU A AIRE OUVERTE**
[72] BUCHER, ROBERT J., JR., US
[71] BUCHER, ROBERT J., JR., US
[22] 2000-05-31
[43] 2001-11-30

[21] **2,310,477**
[13] A1

[51] **Int.Cl. 7F17D 1/14 7F04B 47/00 7E21B 43/16**
[25] EN
[54] **WELL PRODUCTION APPARATUS AND METHOD**
[54] **DISPOSITIF ET METHODE DE PRODUCTION POUR PUIITS DE FORAGE**
[72] MORCOM, GARY, CA
[72] THOMAS, WAYNE, CA
[71] PANCANADIAN PETROLEUM LIMITED, CA
[22] 2000-06-01
[43] 2001-12-01

[21] **2,310,520**
[13] A1

[51] **Int.Cl. 7B25B 13/46 7B25G 1/04**
[25] EN
[54] **WRENCH HAVING A RETRACTABLE HANDLE**
[54] **CLE A MANCHE TELESCOPIQUE**
[72] LEE, JACK, TW
[71] LEE, JACK, TW
[22] 2000-05-31
[43] 2001-11-30

[21] **2,310,417**
[13] A1

[51] **Int.Cl. 7G01R 27/26 7G01N 27/00**
[25] EN
[54] **FLUID SENSOR**
[54] **CAPTEUR DE FLUIDE**
[72] MCFARLANE, RONALD A., CA
[72] GABEL, GAIL S., CA
[71] ESI ENVIRONMENTAL SENSORS INC., CA
[22] 2000-05-30
[43] 2001-11-30

[21] **2,310,544**
[13] A1

[51] **Int.Cl. 7F04C 2/08 7F04C 13/00 7F04C 15/00 7E21B 43/12 7F17D 1/14**
[25] EN
[54] **FLUID DISPLACEMENT APPARATUS AND METHOD**
[54] **DISPOSITIF ET METHODE DE DEPLACEMENT DE LIQUIDES**
[72] THOMAS, WAYNE, CA
[72] MORCOM, GARY, CA
[71] PANCANADIAN PETROLEUM LIMITED, CA
[22] 2000-06-01
[43] 2001-12-01

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[21] **2,310,546**
[13] A1

[51] **Int.Cl. 7E21B 43/12**
[25] EN
[54] **MULTI-PASSAGE CONDUIT**
[54] **CONDUIT MULTI-PASSAGE**
[72] MORCOM, GARY, CA
[72] THOMAS, WAYNE, CA
[71] PANCANADIAN PETROLEUM LIMITED, CA
[22] 2000-06-01
[43] 2001-12-01

[21] **2,310,554**
[13] A1

[51] **Int.Cl. 7B63B 1/04 7B63B 1/32**
[25] EN
[54] **METHOD OF CONTROLLING THE ATTITUDE OF A BOAT AT HIGH SPEED THROUGH BOAT HULL DESIGN AND A BOAT HULL**
[54] **METHODE DE CONTROLE DE L'ASSIETTE D'UN BATEAU A GRANDE VITESSE PAR LA CONCEPTION DE LA COQUE DU BATEAU ET COQUE DE BATEAU**
[72] CHRUNYK, ROB, CA
[71] CHRUNYK, ROB, CA
[22] 2000-06-01
[43] 2001-12-01

[21] **2,313,732**
[13] A1

[51] **Int.Cl. 7H01B 11/02 7H01B 13/00 7H01B 11/04 7H01B 13/06**
[25] EN
[54] **TWISTED PAIR CABLE WITH DUAL LAYER INSULATION HAVING IMPROVED TRANSMISSION CHARACTERISTICS**
[54] **CABLE A PAIRES TORSADEES AVEC ISOLANT DOUBLE COUCHE AMELIORANT LA TRANSMISSION**
[72] VEXLER, GAVRIEL, CA
[72] GAGNON, GILLES, CA
[71] B.N. CUSTOM CABLES CANADA INC., CA
[22] 2000-07-12
[43] 2001-12-01
[30] US (09/585,072) 2000-06-01

[21] **2,315,464**
[13] A1

[51] **Int.Cl. 7A23D 7/04**
[25] EN
[54] **TRANS FREE HARD STRUCTURAL FAT FOR MARGARINE BLEND AND SPREADS**
[54] **GRAISSE DE STRUCTURE DURE SANS ACIDE GRAS TRANS POUR FABRIQUER DES MELANGES ET DES TARTINADES DE MARGARINE**
[72] SAHASRANAMAM, U. R., MY
[71] PREMIUM VEGETABLE OILS BERHAD, MY
[22] 2000-08-08
[43] 2001-11-29
[30] MY (PI 20002388) 2000-05-29

[21] **2,315,641**
[13] A1

[51] **Int.Cl. 7H02K 21/38 7H02K 1/00**
[25] EN
[54] **MAGNETIC FIELD INTERRUPTION ELECTRICAL GENERATOR**
[54] **GENERATRICE A INTERRUPTION DU CHAMP MAGNETIQUE**
[72] HARIRI, ALI ASGAR, IR
[71] HARIRI, ALI ASGAR, IR
[22] 2000-07-28
[43] 2001-11-30
[30] IR (26516) 2000-05-30

[21] **2,315,660**
[13] A1

[51] **Int.Cl. 7H01L 23/36 7H01L 23/40**
[25] EN
[54] **HEAT SINK ELEMENT FOR DIRECT ATTACH CHIP MOUNTING**
[54] **DRAIN THERMIQUE POUR PUCE A FIXATION DIRECTE**
[72] DAVIS, JOHN G., US
[72] SHUMIN, WILLIAM A., US
[71] CELESTICA INTERNATIONAL INC., CA
[22] 2000-08-11
[43] 2001-12-01
[30] US (09/584,794) 2000-06-01

[21] **2,316,405**
[13] A1

[51] **Int.Cl. 7C07K 14/52 7A61P 29/00 7A61P 31/00 7A61K 38/19**
[25] EN
[54] **MODULATION OF INFLAMMATION BY PROTEASE PRODUCTS**
[54] **MODULATION DE L'INFLAMMATION A L'AIDE DE PRODUITS DU TYPE PROTEASE**
[72] OVERALL, CHRISTOPHER MARK, CA
[72] CLARK-LEWIS, IAN, CA
[72] MCQUIBBAN, G. ANGUS, CA
[72] GONG, JIANG-HONG, CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
[22] 2000-08-18
[43] 2001-11-26
[30] CA (2,307,705) 2000-05-26

[21] **2,316,774**
[13] A1

[51] **Int.Cl. 7G05D 1/00 7G06F 17/60**
[25] EN
[54] **METHOD OF PLANNING THE ROUTE AND THE OPERATIONAL FUNCTIONS OF AN AGRICULTURAL MACHINE AND A DEVICE FOR EXECUTING IT**
[54] **METHODE DE PLANIFICATION DU PARCOURS ET DES FONCTIONS D'EXECUTION D'UNE MACHINE AGRICOLE ET DISPOSITIF D'EXECUTION**
[72] GLASMACHER, HANS, DE
[72] BITTNER, GUNTHER, DE
[71] GEO TEC ELECTRONICS GMBH, DE
[22] 2000-08-28
[43] 2001-11-25
[30] DE (100 25 829.8) 2000-05-25

[21] **2,321,392**
[13] A1

[51] **Int.Cl. 7B41F 17/00 7B41J 2/01 7C03C 17/34**
[25] EN
[54] **MULTI-ARTICLE PRINTING METHOD USING WATER-BASED INK**
[54] **PROCEDE D'IMPRESSION D'ARTICLES DIVERS UTILISANT DE L'ENCRE A BASE D'EAU**
[72] OZAWA, CHIZUO, JP
[71] MASTER MIND, CO., LTD., JP
[22] 2000-09-28
[43] 2001-11-30
[30] US (09/580,122) 2000-05-30

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[21] **2,322,550**
[13] A1

[51] **Int.Cl. 7F03D 3/00**
[25] EN
[54] **RISING ENERGY**
[54] **ENERGIE CROISSANTE**
[72] NAUGHTON, JOE L., CA
[71] NAUGHTON, JOE L., CA
[22] 2000-10-12
[43] 2001-11-28
[30] US (UNKNOWN) 2000-05-28

[21] **2,322,554**
[13] A1

[51] **Int.Cl. 7C12N 5/08 7A61K 48/00**
7A61P 25/00 7C12N 5/06 7A61P 25/28
[25] EN
[54] **CELL CULTURE AND METHOD**
FOR PRODUCTION
[54] **CULTURE DE CELLULES ET**
METHODE DE PRODUCTION
[72] BANI-YAGHOUB, MAHMUD, CA
[72] BECHBERGER, JOHN, CA
[72] NAUS, CHRISTIAN C. G., CA
[72] FELKER, JOSH, CA
[71] THE UNIVERSITY OF WESTERN
ONTARIO, CA
[22] 2000-10-20
[43] 2001-11-26
[30] US (60/207,355) 2000-05-26

[21] **2,324,436**
[13] A1

[51] **Int.Cl. 7A62C 37/12**
[25] EN
[54] **FAST RESPONSE SPRINKLER**
HEAD AND FIRE EXTINGUISHING
SYSTEM
[54] **TETE D'EXTINCTEUR A ACTION**
RAPIDE ET DISPOSITIF
D'EXTINCTION
[72] THOMAS, PETER W., US
[72] BOSMA, MICHAEL J., US
[72] DORNBOS, DELWIN G., US
[72] DEEGAN, THOMAS G., US
[72] FRANSON, SCOTT T., US
[71] THE VIKING CORPORATION, US
[22] 2000-10-26
[43] 2001-11-26
[30] US (09/579,552) 2000-05-26

[21] **2,325,085**
[13] A1

[51] **Int.Cl. 7F04C 29/08 7F04C 18/02**
[25] EN
[54] **OILESS ROTARY SCROLL AIR**
COMPRESSOR AIR INLET VALVE
[54] **ROBINET D'ADMISSION D'AIR DE**
COMPRESSEUR D'AIR ROTATIF A
ARETE HELICOIDALE SANS HUILE
[72] KAZAKIS, MICHAEL V., US
[72] JONES, CHARLIE E., US
[71] WESTINGHOUSE AIR BRAKE
TECHNOLOGIES CORPORATION, US
[22] 2000-11-03
[43] 2001-12-01
[30] US (584,709) 2000-06-01

[21] **2,325,147**
[13] A1

[51] **Int.Cl. 7H02J 9/00 7B64D 43/00**
[25] EN
[54] **TRAY ADAPTED BACK UP**
POWER SUPPLY FOR AVIONICS
EQUIPMENT
[54] **ALIMENTATION DE SECOURS**
ADAPTEE A DES ETAGERES
D'EQUIPMENT D'AVIONIQUE
[72] GROUSE, CHARLES J., US
[72] DISMUKES, MART D., US
[72] PURDOM, GREGORY W., US
[71] L3 COMMUNICATIONS HOLDINGS,
INC., US
[22] 2000-11-06
[43] 2001-11-26
[30] US (09/578,892) 2000-05-26

[21] **2,325,158**
[13] A1

[51] **Int.Cl. 7G06F 19/00 7G06F 17/00**
[25] EN
[54] **CORE COMPUTER WITH CLOCK**
DOWN FEATURE
[54] **ORDINATEUR A MEMOIRE A**
TORES AVEC FONCTION DE
MINUTERIE
[72] MOYNAHAN, JOHN F., US
[72] JENKINS, MICHAEL D., US
[71] XYBERNAUT CORPORATION, US
[22] 2000-11-06
[43] 2001-11-30
[30] US (09/583,508) 2000-05-31

[21] **2,325,242**
[13] A1

[51] **Int.Cl. 7B60T 17/04**
[25] EN
[54] **CONICAL FLANGE INTERFACE**
FOR RAILWAY APPLICATIONS
[54] **INTERFACE DE SEMELLE**
CONIQUE POUR APPLICATIONS
FERROVIAIRES
[72] MCKAY, ALBERT A., CA
[71] WESTINGHOUSE AIR BRAKE
TECHNOLOGIES CORPORATION, US
[22] 2000-11-06
[43] 2001-11-26
[30] US (579,735) 2000-05-26

[21] **2,325,690**
[13] A1

[51] **Int.Cl. 7F04C 29/00 7F04C 18/02**
[25] EN
[54] **OILESS ROTARY SCROLL AIR**
COMPRESSOR AXIAL LOADING
SUPPORT FOR ORBITING MEMBER
[54] **SUPPORT SANS HUILE A**
SOLLICITATION AXIALE DE
COMPRESSEUR A SPIRALE
ROTATIVE POUR ELEMENT ORBITAL
[72] JONES, CHARLIE E., US
[72] KAZAKIS, MICHAEL V., US
[71] WESTINGHOUSE AIR BRAKE
TECHNOLOGIES CORPORATION, US
[22] 2000-11-10
[43] 2001-11-30
[30] US (583,698) 2000-05-31

[21] **2,325,752**
[13] A1

[51] **Int.Cl. 7F04C 29/00 7F04C 18/02**
[25] EN
[54] **OILESS ROTARY SCROLL AIR**
COMPRESSOR TIPSEAL ASSEMBLY
[54] **ENSEMBLE A SEGMENTATION**
D'ARETE DE COMPRESSEUR D'AIR
ROTATIF A ARETE HELICOIDALE
SANS HUILE
[72] JONES, CHARLIE E., US
[72] KAZAKIS, MICHAEL V., US
[71] WESTINGHOUSE AIR BRAKE
TECHNOLOGIES CORPORATION, US
[22] 2000-11-10
[43] 2001-12-01
[30] US (584,323) 2000-06-01

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[21] **2,325,936**
[13] A1

[51] **Int.Cl. 7G06F 13/40**
[25] EN
[54] **BUS ARCHITECTURE FOR HIGH RELIABILITY COMMUNICATIONS IN A COMPUTER SYSTEM**
[54] **ARCHITECTURE DE BUS POUR COMMUNICATIONS A HAUTE FIABILITE DANS UN SYSTEME INFORMATIQUE**
[72] BIAGE, DANIEL, CA
[71] CML VERSATEL INC., CA
[22] 2000-11-14
[43] 2001-11-25
[30] CA (2,309,455) 2000-05-25

[21] **2,326,307**
[13] A1

[51] **Int.Cl. 7F04C 29/00 7F04C 18/02**
[25] EN
[54] **OILESS ROTARY SCROLL AIR COMPRESSOR ANTIROTATION ASSEMBLY**
[54] **ENSEMBLE ANTIROTATION POUR COMPRESSEUR D'AIR ROTATIF A ARETE HELICOIDALE SANS HUILE**
[72] JONES, CHARLIE E., US
[72] KAZAKIS, MICHAEL V., US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
[22] 2000-11-17
[43] 2001-12-01
[30] US (584,711) 2000-06-01

[21] **2,326,308**
[13] A1

[51] **Int.Cl. 7F04C 29/02 7F04C 29/00 7F04C 18/02**
[25] EN
[54] **OILESS ROTARY SCROLL AIR COMPRESSOR ANTIROTATION LUBRICATION MECHANISM**
[54] **MECANISME DE LUBRIFICATION SANS HUILE D'UN DISPOSITIF ANTI-ROTATION DE COMPRESSEUR D'AIR ROTATIF SPIRALE**
[72] JONES, CHARLIE E., US
[72] KAZAKIS, MICHAEL V., US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
[22] 2000-11-17
[43] 2001-12-01
[30] US (584,710) 2000-06-01

[21] **2,326,309**
[13] A1

[51] **Int.Cl. 7F04C 29/00 7F04C 18/02**
[25] EN
[54] **OILESS ROTARY SCROLL AIR COMPRESSOR CRANKSHAFT ASSEMBLY**
[54] **ARBRE DE COMPRESSEUR D'AIR ROTATIF A ARETE HELICOIDALE SANS HUILE**
[72] JONES, CHARLIE E., US
[72] KAZAKIS, MICHAEL V., US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
[22] 2000-11-17
[43] 2001-12-01
[30] US (584,324) 2000-06-01

[21] **2,326,459**
[13] A1

[51] **Int.Cl. 7B65H 45/30 7B65H 45/04**
[25] EN
[54] **INFORMATIONAL ITEM FORMING AND BONDING MACHINE AND METHOD**
[54] **MACHINE ET METHODE DE FORMAGE ET DE COLLAGE D'ELEMENTS D'INFORMATION**
[72] VIJUK, JOSEPH M., US
[72] NEUBAUER, WILLIAM C., US
[72] ILIJEVSKI, ILIJA, US
[71] VIJUK EQUIPMENT, INC., US
[22] 2000-11-20
[43] 2001-11-26
[30] US (09/579,911) 2000-05-26

[21] **2,328,545**
[13] A1

[51] **Int.Cl. 7G06F 17/60 7G06F 19/00**
[25] EN
[54] **HOSPITAL INFORMATICS SYSTEM**
[54] **SYSTEME INFORMATIQUE HOSPITALIER**
[72] GELSTON, ARTHUR, ZZ
[71] VISUALMED CLINICAL SYSTEMS CORPORATION, CA
[22] 2000-12-15
[43] 2001-11-30
[30] CA (2,310,154) 2000-05-30

[21] **2,329,431**
[13] A1

[51] **Int.Cl. 7B60N 2/48**
[25] EN
[54] **PILLOW DEVICE**
[54] **OREILLER**
[72] CHANG-SAN, LIN, TW
[71] CHANG-SAN, LIN, TW
[22] 2000-12-21
[43] 2001-11-30
[30] CN (00 2 36016.0) 2000-05-31

[21] **2,330,236**
[13] A1

[51] **Int.Cl. 7D06F 39/14**
[25] EN
[54] **REVERSIBLE APPLIANCE CABINET AND METHOD FOR USING SAME**
[54] **ARMOIRE D'APPAREILLAGE REVERSIBLE, ET METHODE D'UTILISATION**
[72] SCHOBER, STEPHEN D., US
[71] MAYTAG CORPORATION, US
[22] 2001-01-04
[43] 2001-11-30
[30] US (09/519,093) 2000-05-31

[21] **2,331,759**
[13] A1

[51] **Int.Cl. 7C01B 3/34 7C10G 2/00**
[25] EN
[54] **METHOD OF MANUFACTURING A SYNTHESIS GAS TO BE EMPLOYED FOR THE SYNTHESIS OF GASOLINE, KEROSENE AND GAS OIL**
[54] **METHODE DE PRODUCTION DE GAZ DE SYNTHESE POUVANT ETRE UTILISE POUR SYNTHETISER DE L'ESSENCE, DU KEROSENE ET DU GAZOLE**
[72] IJIMA, MASAKI, JP
[72] KOBAYASHI, KAZUTO, JP
[72] MORITA, KAZUHIRO, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[22] 2001-01-22
[43] 2001-11-30
[30] JP (2000-160510) 2000-05-30
[30] JP (2000-251158) 2000-08-22

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[21] **2,332,673**
[13] A1

[51] **Int.Cl. 7F23D 11/46 7F23D 11/00 7F23K 5/22 7F23D 11/24**
[25] EN
[54] **METHOD AND FLOW CONTROL DEVICE FOR DELIVERING FUEL OIL TO A LOW FIRING RATE FUEL OIL BURNER**
[54] **METHODE ET DISPOSITIF DE REGULATION DU DEBIT PERMETTANT DE FOURNIR DU MAZOUT A UN BRULEUR A BAS TAUX D'ALLUMAGE**
[72] WYMASTER, NOEL A., US
[71] WYMASTER, NOEL A., US
[22] 2001-01-29
[43] 2001-12-01
[30] US (09/584,889) 2000-06-01

[21] **2,335,192**
[13] A1

[51] **Int.Cl. 7E21B 19/22 7E21B 47/01 7E21B 47/12 7E21B 23/14**
[25] EN
[54] **IMPROVEMENTS IN DOWNHOLE TOOLS**
[54] **AMELIORATIONS AUX OUTILS DE FOND DE TROU**
[72] KOZAK, VINCENT J., CA
[71] COMPUTALOG LIMITED, CA
[22] 2001-02-09
[43] 2001-11-30
[30] US (09/583,240) 2000-05-31

[21] **2,335,561**
[13] A1

[51] **Int.Cl. 7G06F 15/76 7G06F 15/163**
[25] EN
[54] **HETEROGENEOUS CLIENT SERVER METHOD, SYSTEM AND PROGRAM PRODUCT FOR A PARTITIONED PROCESSING ENVIRONMENT**
[54] **METHODE, SYSTEME ET PRODUIT DE PROGRAMME CLIENT-SERVEUR HETEROGENE POUR UN ENVIRONNEMENT DE TRAITEMENT PARTITIONNE**
[72] TEMPLE, JOSEPH L., III, US
[72] DEGILIO, FRANK J., US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 2001-02-09
[43] 2001-11-30
[30] US (09/583,501) 2000-05-31

[21] **2,335,716**
[13] A1

[51] **Int.Cl. 7E01C 13/08**
[25] EN
[54] **SYNTHETIC-GRASS STRUCTURE, CORRESPONDING PARTICULATE MATERIAL, AND USE OF THE PARTICULATE MATERIAL**
[54] **STRUCTURE DE GAZON SYNTHETIQUE, SUBSTANCE PARTICULAIRE CORRESPONDANTE, ET UTILISATION DE CETTE SUBSTANCE**
[72] STROPPIANA, FERNANDO, IT
[71] MONDO SPA, IT
[22] 2001-02-13
[43] 2001-11-25
[30] IT (TO2000A000476) 2000-05-25

[21] **2,336,273**
[13] A1

[51] **Int.Cl. 7G08B 29/00 7H05B 37/03 7G08B 5/38**
[25] EN
[54] **METHOD AND APPARATUS FOR LIGHT OUTAGE DETECTION**
[54] **METHODE ET APPAREIL PERMETTANT DE DETECTER LA DEFAILLANCE DE FEUX LUMINEUX**
[72] HILLEARY, THOMAS N., US
[71] LABARGE, INC., US
[22] 2001-03-01
[43] 2001-12-01
[30] US (09/585,185) 2000-06-01

[21] **2,338,904**
[13] A1

[51] **Int.Cl. 7B65B 9/06**
[25] EN
[54] **SEALING APPARATUS AND METHOD FOR PACKAGING MACHINE**
[54] **APPAREIL DE SCELLEMENT ET METHODE POUR MACHINE DE CONDITIONNEMENT**
[72] SORENSON, RICHARD D., US
[72] HOPKINSON, BRIAN L., US
[72] MONIGAL, NEAL R., US
[72] WANER, ALAN R., US
[72] GINZL, JEFFREY A., US
[72] NANKERVIS, WAYNE T., US
[72] BRUGMAN, MATT L., US
[71] PAPER CONVERTING MACHINE COMPANY, US
[22] 2001-02-28
[43] 2001-11-25
[30] US (09/579,104) 2000-05-25

[21] **2,339,480**
[13] A1

[51] **Int.Cl. 7G06T 5/00 7G06T 7/40**
[25] EN
[54] **METHOD AND APPARATUS FOR REMOVING DEFECTS FROM DIGITAL IMAGES**
[54] **METHODE ET APPAREILLAGE POUR ELIMINER LES DEFAUTS D'IMAGES NUMERIQUES**
[72] RICARD, GARY ROSS, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 2001-03-02
[43] 2001-11-30
[30] US (09/584,294) 2000-05-31

[21] **2,339,585**
[13] A1

[51] **Int.Cl. 7H01M 8/04**
[25] EN
[54] **FUEL CELL HAVING DYNAMICALLY REGULATED BACKPRESSURE**
[54] **PILE A COMBUSTIBLE A REGULATION DYNAMIQUE DE LA CONTRE-PRESSION**
[72] SALVADOR, JOHN P., US
[72] PETTIT, WILLIAM HENRY, US
[72] DANDALIDES, JAMES W., US
[71] GENERAL MOTORS CORPORATION, US
[22] 2001-03-07
[43] 2001-11-30
[30] US (09/584,210) 2000-05-31

[21] **2,339,587**
[13] A1

[51] **Int.Cl. 7H01M 2/14 7H01M 8/04**
[25] EN
[54] **FUEL CELL SYSTEM HAVING A COMPACT WATER SEPARATOR**
[54] **SYSTEME DE PILE A COMBUSTIBLE A SEPARATEUR D'EAU COMPACT**
[72] JENSEN, ERIC K., US
[72] FORTE, JAMESON R., US
[72] GROVER, TREVOR T., US
[72] SAVAGE, DAVID R., US
[71] GENERAL MOTORS CORPORATION, US
[22] 2001-03-07
[43] 2001-11-30
[30] US (09/584,065) 2000-05-31

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[21] **2,339,753**
[13] A1

[51] **Int.Cl. 7H04N 7/16 7H04N 7/167**
[25] EN
[54] **BROADCAST PROGRAM RECEIVING APPARATUS AND CONTROL METHOD THEREOF**
[54] **APPAREILLAGE DE RECEPTION DE PROGRAMME TELEDIFFUSE ET METHODE DE COMMANDE CONNEXE**
[72] NAKAMURA, KOICHI, JP
[72] YAMAZAKI, YUKO, JP
[71] KABUSHIKI KAISHA TOSHIBA, JP
[22] 2001-03-02
[43] 2001-11-30
[30] JP (2000-162094) 2000-05-31

[21] **2,340,189**
[13] A1

[51] **Int.Cl. 7F23D 14/02**
[25] EN
[54] **SEALED GAS BURNER ELECTRODE ASSEMBLY**
[54] **ELECTRODE DE BRULEUR A GAZ ETANCHE**
[72] BAYNHAM, JAMES, US
[72] RODEN, JIMMY C., US
[71] MAYTAG CORPORATION, US
[22] 2001-03-09
[43] 2001-11-30
[30] US (09/584,290) 2000-05-31

[21] **2,340,288**
[13] A1

[51] **Int.Cl. 7B65G 17/06 7B65G 17/30**
[25] EN
[54] **RADIUS CONVEYOR BELT**
[54] **BANDE TRANSPORTEUSE A COURBURE HORIZONTALE**
[72] GULDENFELS, DIETER, CH
[71] HABASIT AG, CH
[22] 2001-03-08
[43] 2001-11-25
[30] US (09/579,090) 2000-05-25

[21] **2,340,474**
[13] A1

[51] **Int.Cl. 7H04N 1/024**
[25] EN
[54] **PHOTOGRAPHIC IMAGE CAPTURING DEVICE WITH LIGHT EMITTING DIODES**
[54] **DISPOSITIF DE CAPTURE D'IMAGES PHOTOGRAPHIQUES AVEC DIODES ELECTROLUMINESCENTES**
[72] ROTACH, HANSJORG, CH
[72] KOBEL, PETER, CH
[72] VON TOBEL, GEORG, CH
[72] LEHMANN, MATHIAS, CH
[71] GRETAG IMAGING TRADING AG, CH
[22] 2001-03-12
[43] 2001-11-26
[30] EP (00 110 974.3) 2000-05-26

[21] **2,340,835**
[13] A1

[51] **Int.Cl. 7B61D 17/04**
[25] EN
[54] **RAILWAY BOX CAR STRUCTURE**
[54] **STRUCTURE DE WAGON COUVERT**
[72] THOMAN, MELL R., US
[72] PHARAND, JEAN-FRANCOIS, CA
[72] IORIO, JEAN, CA
[72] WOOLLAM, RONALD F., CA
[72] DRATVA, JOHN-JOHN, CA
[72] WINSOR, ROBERT B., CA
[71] IEC-HOLDEN, INC., CA
[22] 2001-03-14
[43] 2001-11-25
[30] US (09/578,292) 2000-05-25

[21] **2,341,092**
[13] A1

[51] **Int.Cl. 7G03B 27/54**
[25] EN
[54] **PHOTOGRAPHIC IMAGE ACQUISITION DEVICE USING LED CHIPS**
[54] **DISPOSITIF D'ACQUISITION D'IMAGES PHOTOGRAPHIQUES A L'AIDE DE PUCES DU TYPE DEL**
[72] KOBEL, PETER, CH
[72] AMSLER, WERNER, CH
[72] VON TOBEL, GEORG, CH
[72] ROTACH, HANSJORG, CH
[72] LEHMANN, MATHIAS, CH
[71] GRETAG IMAGING TRADING AG, CH
[22] 2001-03-19
[43] 2001-11-26
[30] EP (00 110 974.3) 2000-05-26
[30] EP (00 116 220.5) 2000-08-04

[21] **2,342,016**
[13] A1

[51] **Int.Cl. 7F16B 35/00**
[25] EN
[54] **THREADED FASTENER**
[54] **FIXATION FILETEE**
[72] GARVICK, JAMES E., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2001-03-26
[43] 2001-11-30
[30] US (09/584,310) 2000-05-31

[21] **2,342,269**
[13] A1

[51] **Int.Cl. 7H01R 12/14 7H01R 13/02**
[25] EN
[54] **SOLDERLESS FLEX TERMINATION FOR MOTOR TAB**
[54] **CONNEXION SOUPLE SANS SOUDURE POUR LANGUETTE DE MOTEUR**
[72] TUREK, JAMES A., US
[72] IRISH, KENNETH G., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2001-03-27
[43] 2001-11-25
[30] US (09/578,548) 2000-05-25

[21] **2,342,385**
[13] A1

[51] **Int.Cl. 7F16B 37/04 7F16B 27/00**
[25] EN
[54] **U-NUT FASTENER AND COLLATED STRIP OF U-NUT FASTENERS**
[54] **DISPOSITIFS DE FIXATION A ECROUS EN ETRIERS ET ASSEMBLAGE SUR BANDE DE CES DISPOSITIFS**
[72] FISCHER, JOHN D., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2001-03-28
[43] 2001-11-30
[30] US (09/583,704) 2000-05-31

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[21] **2,342,533**
[13] A1

[51] **Int.Cl. 7H04B 7/02 7H04B 7/216 7H04Q 7/30**
[25] EN
[54] **CODE-DIVISION, MULTIPLE-ACCESS BASE STATION HAVING TRANSMIT DIVERSITY**
[54] **STATION DE BASE A ACCES MULTIPLE PAR REPARTITION DE CODE ET A DIVERSITE D'EMISSION**
[72] LACONTE, PETER KEITH, US
[72] RUBIN, HARVEY, US
[72] DAJER, MIGUEL, US
[71] LUCENT TECHNOLOGIES, INC., US
[22] 2001-04-03
[43] 2001-11-30
[30] US (09/580,775) 2000-05-30

[21] **2,342,538**
[13] A1

[51] **Int.Cl. 7H04B 10/12 7H04J 14/06**
[25] EN
[54] **OPTICAL FIBER TRANSMISSION SYSTEM WITH POLARIZATION MULTIPLEXING TO REDUCE STIMULATED BRILLOUIN SCATTERING**
[54] **SYSTEME D'EMISSION A FIBRES OPTIQUES A MULTIPLEXAGE DE POLARISATION POUR REDUIRE LA DIFFUSION BRILLOUIN STIMULEE**
[72] YENIAY, AYDIN, US
[72] DELAVALAUX, JEAN-MARC PIERRE, US
[71] LUCENT TECHNOLOGIES, INC., US
[22] 2001-04-03
[43] 2001-11-30
[30] US (09/584,900) 2000-05-31

[21] **2,342,544**
[13] A1

[51] **Int.Cl. 7H01R 13/66 7H04B 15/00 7H01R 13/719**
[25] EN
[54] **COMMUNICATION CONNECTOR WITH CROSSTALK COMPENSATION**
[54] **CONNECTEUR DE COMMUNICATION AVEC COMPENSATION DE DIAPHONIE**
[72] LIN, CHEN-CHIEH, US
[71] AVAYA TECHNOLOGY CORP., US
[22] 2001-04-03
[43] 2001-11-30
[30] US (09/583,503) 2000-05-31

[21] **2,342,546**
[13] A1

[51] **Int.Cl. 7H04L 29/02 7H04H 1/00**
[25] EN
[54] **METHOD AND APPARATUS FOR THE TRANSMISSION OF BROADCASTS**
[54] **METHODE ET APPAREIL DE RADIODIFFUSION**
[72] REICHENBACH, JOERG ARNT, DE
[72] GRUHL, STEFAN, DE
[71] LUCENT TECHNOLOGIES, INC., US
[22] 2001-03-30
[43] 2001-11-25
[30] EP (00304473.2) 2000-05-25

[21] **2,342,558**
[13] A1

[51] **Int.Cl. 7G06F 17/30 7H04L 12/16**
[25] EN
[54] **INTERNET ARCHIVE SERVICE PROVIDING PERSISTENT ACCESS TO WEB RESOURCES**
[54] **SERVICE D'ARCHIVAGE SUR INTERNET OFFRANT UN ACCES CONSTANT AUX RESSOURCES WEB**
[72] ONG, PING-WEN, US
[71] LUCENT TECHNOLOGIES, INC., US
[22] 2001-03-30
[43] 2001-11-30
[30] US (09/580,149) 2000-05-30

[21] **2,342,559**
[13] A1

[51] **Int.Cl. 7H04L 12/18 7H04H 1/00**
[25] EN
[54] **METHOD AND DEVICE FOR THE RECEPTION OF BROADCAST CONTENTS BY SUBSCRIBERS**
[54] **METHODE ET DISPOSITIF DE RECEPTION DE CONTENU DE RADIODIFFUSION PAR DES ABONNES**
[72] GRUHL, STEFAN, DE
[72] REICHENBACH, JOERG ARNT, DE
[71] LUCENT TECHNOLOGIES, INC., US
[22] 2001-03-30
[43] 2001-11-25
[30] EP (00304473.2) 2000-05-25
[30] EP (00307173.5) 2000-08-21

[21] **2,342,565**
[13] A1

[51] **Int.Cl. 7B25B 31/00 7F16B 27/00**
[25] EN
[54] **MANUAL INSTALLATION TOOL FOR INSTALLING U-NUT FASTENERS**
[54] **OUTIL A MAIN DE POSE DE DISPOSITIFS DE FIXATION A ECROUS EN ETRIER**
[72] GOSIS, ANATOLY, US
[72] DORMAN, KENNETH H., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2001-04-03
[43] 2001-11-30
[30] US (09/584,223) 2000-05-31

[21] **2,342,597**
[13] A1

[51] **Int.Cl. 7A61M 25/04 7A61M 1/36**
[25] EN
[54] **OCCLUSION CATHETER FOR THE ASCENDING AORTA**
[54] **CATHETER D'OCCLUSION DE L'AORTE ASCENDANTE**
[72] YOZU, RYOHEI, JP
[72] KUMENO, TAKASHI, JP
[72] TSUTSUI, NOBUMASA, JP
[71] K.K. VAYU, JP
[22] 2001-04-03
[43] 2001-11-29
[30] JP (2000-158152) 2000-05-29

[21] **2,342,730**
[13] A1

[51] **Int.Cl. 7H04Q 7/38**
[25] EN
[54] **METHOD AND SYSTEM FOR CONTROLLING ACCESS OF A SUBSCRIBER STATION TO A WIRELESS SYSTEM**
[54] **METHODE ET SYSTEME DE COMMANDE DE L'ACCES D'UNE STATION D'ABONNE A UN SYSTEME SANS FIL**
[72] IBANEZ, MARC BENEDICT, US
[72] HUANG, JOE, US
[72] SONG, LEI, US
[72] VITEBSKY, STANLEY, US
[72] THOMAS, MATHEW, US
[72] GANDHI, ASIF DAWOODI, US
[71] LUCENT TECHNOLOGIES, INC., US
[22] 2001-04-02
[43] 2001-11-30
[30] US (09/580,648) 2000-05-30

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[21] **2,342,754**
[13] A1

[51] **Int.Cl. 7G06F 17/10**
[25] EN
[54] **RAM BASED PROCESSING ENGINE FOR SIMULTANEOUS SUM OF PRODUCTS COMPUTATION**
[54] **MOTEUR DE TRAITEMENT PILOTE PAR RAM POUR LE CALCUL SIMULTANE DE LA SOMME DE PRODUITS**
[72] LAYNE, DEREK, US
[71] TRW INC., US
[22] 2001-04-04
[43] 2001-11-30
[30] US (09/584,073) 2000-05-31

[21] **2,343,423**
[13] A1

[51] **Int.Cl. 7C09D 133/02 7B05D 7/12**
[25] EN
[54] **LEATHER COATING COMPOSITION**
[54] **COMPOSITION D'ENDUIT POUR LE CUIR**
[72] CHIOU, SHANG-JAW, US
[72] SCHINDLER, FREDERICK JAMES, US
[72] CHIANG, JIN-CHIH, US
[71] ROHM AND HAAS COMPANY, US
[22] 2001-04-06
[43] 2001-11-30
[30] US (60/208,130) 2000-05-31

[21] **2,343,661**
[13] A1

[51] **Int.Cl. 7G10L 21/00 7G10L 21/02**
[25] EN
[54] **METHOD AND APPARATUS FOR IMPROVING THE INTELLIGIBILITY OF DIGITALLY COMPRESSED SPEECH**
[54] **METHODE ET APPAREIL PERMETTANT D'AMELIORER L'INTELLIGIBILITE DE LA PAROLE A COMPRESSION NUMERIQUE**
[72] MICHAELIS, PAUL ROLLER, US
[71] AVAYA TECHNOLOGY CORP., US
[22] 2001-04-10
[43] 2001-12-01
[30] US (09/586,183) 2000-06-01

[21] **2,343,086**
[13] A1

[51] **Int.Cl. 7H01L 23/60 7H01L 21/46**
[25] EN
[54] **ESD RESISTANT DEVICE**
[54] **DISPOSITIF RESISTANT AUX DECHARGES ELECTROSTATIQUES**
[72] MARCHUT, LESLIE, US
[72] DERKITS, GUSTAV EDWARD JR., US
[71] NASH, FRANKLIN R., US
[71] AGERE SYSTEMS OPTOELECTRONICS GUARDIAN CORPORATION, US
[22] 2001-04-04
[43] 2001-11-30
[30] US (09/583,699) 2000-05-31

[21] **2,343,513**
[13] A1

[51] **Int.Cl. 7B32B 7/12 7E04D 5/00**
[25] EN
[54] **MOISTURE AND WEATHER PROOFING MEMBRANE AND PROCESS THEREFOR**
[54] **MEMBRANE HYDROFUGE RESISTANT AUX INTEMPERIES ET METHODE DE FABRICATION CONNEXE**
[72] TARAPASKI, WILLIAM, CA
[72] VOYER, RICHARD, CA
[71] SOPREMA CANADA INC., CA
[22] 2001-04-06
[43] 2001-11-30
[30] CA (2,310,297) 2000-05-30

[21] **2,343,665**
[13] A1

[51] **Int.Cl. 7H04Q 7/20 7H04Q 7/36**
[25] EN
[54] **METHOD AND SYSTEM FOR INCREASING EASE-OF-USE AND BANDWIDTH UTILIZATION IN WIRELESS DEVICES**
[54] **METHODE ET SYSTEME POUR AUGMENTER LA FACILITE D'UTILISATION ET LA LARGEUR DE BANDE UTILISABLE DE DISPOSITIFS SANS FIL**
[72] STERN, EDITH H., US
[72] WILLNER, BARRY E., US
[72] SINGHAL, SANDEEP K., US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 2001-04-11
[43] 2001-11-30
[30] US (09/583,318) 2000-05-30

[21] **2,343,091**
[13] A1

[51] **Int.Cl. 7H04B 10/17 7H04J 14/00**
[25] EN
[54] **BROADBAND AMPLIFIED SPONTANEOUS EMISSION LIGHT SOURCE**
[54] **SOURCE LUMINEUSE A EMISSION SPONTANEE AMPLIFIEE A LARGE BANDE**
[72] TAKEI, YUSUKE, JP
[72] FURUKATA, YUKIKO, JP
[72] AJIMA, HIROMI, JP
[72] OKUTA, MICHITAKA, JP
[71] KYOCERA CORPORATION, JP
[22] 2001-04-04
[43] 2001-11-25
[30] JP (P 2000-154916) 2000-05-25

[21] **2,343,528**
[13] A1

[51] **Int.Cl. 7C09D 133/12**
[25] EN
[54] **LABELING PAINT FOR USE WITH METALLIC STENCILS ON ORIENTED STRANDBOARD FINISHING LINE**
[54] **PEINTURE POUR L'ETIQUETAGE AVEC DES STENCILS METALLIQUES SUR UNE LIGNE DE FINITION DE PANNEAUX OSB**
[72] WINTEROWD, JACK G., US
[71] WEYERHAEUSER COMPANY, US
[22] 2001-04-09
[43] 2001-11-25
[30] US (60/207,085) 2000-05-25

[21] **2,343,688**
[13] A1

[51] **Int.Cl. 7G08B 29/00 7B60Q 11/00 7H05B 37/03**
[25] EN
[54] **METHODS AND APPARATUS FOR LIGHT OUTAGE DETECTION**
[54] **METHODES ET APPAREIL PERMETTANT DE DETECTER LA DEFAILLANCE DE FEUX LUMINEUX**
[72] HILLEARY, THOMAS N., US
[71] LABARGE, INC., US
[22] 2001-04-11
[43] 2001-12-01
[30] US (09/585,185) 2000-06-01
[30] US (09/800,808) 2001-03-07

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[21] **2,343,852**
[13] A1
[51] **Int.Cl. 7A61F 13/62 7A61F 13/49**
[25] EN
[54] **FEMALE COMPONENT FOR HOOK AND LOOP FASTENING DEVICE, METHOD OF MAKING THEREOF AND ABSORBENT ARTICLES INCORPORATING SAME**
[54] **PIECE FEMELLE POUR FERMETURE PAR CONTACT, METHODE DE FABRICATION ET ARTICLES ABSORBANTS QUI EN SONT DOTES**
[72] KARAMI, HAMZEH, US
[71] FIRST QUALITY ENTERPRISES, INC., US
[22] 2001-04-11
[43] 2001-11-30
[30] US (09/584,039) 2000-05-30

[21] **2,343,993**
[13] A1
[51] **Int.Cl. 7B25B 31/00**
[25] EN
[54] **PNEUMATIC AND MANUAL INSTALLATION TOOLS FOR INSTALLING U-NUT FASTENERS**
[54] **OUTILS PNEUMATIQUES ET MANUELS DE POSE DE DISPOSITIFS DE FIXATION A ECROUS EN ETRIERS**
[72] FISCHER, JOHN D., US
[72] ROBINSON, JAMES W., US
[72] JOHNSON, LAWRENCE W., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2001-04-12
[43] 2001-11-30
[30] US (09/584,544) 2000-05-31

[21] **2,344,329**
[13] A1
[51] **Int.Cl. 7G02C 7/06 7G02B 1/00 7B29D 11/00**
[25] EN
[54] **MANUFACTURING OF POSITIVE POWER OPHTHALMIC LENS**
[54] **FABRICATION DE LENTILLES OPHTALMIQUES A PUISSANCE OPTIQUE POSITIVE**
[72] MAKI, ALAN D., US
[72] OLUND, DAVID C., US
[72] VERMURLLEN, JEFFREY L., US
[71] VISION-EASE LENS, INC., US
[22] 2001-04-19
[43] 2001-11-30
[30] US (09/580,162) 2000-05-30

[21] **2,344,755**
[13] A1
[51] **Int.Cl. 7G01N 3/00 7G01N 11/00 7G01N 19/00**
[25] EN
[54] **INSTRUMENT FOR HIGH THROUGHPUT MEASUREMENT OF MATERIAL PHYSICAL PROPERTIES AND METHOD OF USING SAME**
[54] **INSTRUMENT A GRANDE CAPACITE POUR MESURER LES PROPRIETES PHYSIQUES DE MATERIAUX ET MODE D'EMPLOI**
[72] KOSOLOV, OLEG, US
[72] FREITAG, J. CHRISTOPHER, US
[72] CARLSON, ERIC, US
[72] HAJDUK, DAMIAN, US
[71] SYMYX TECHNOLOGIES, INC., US
[22] 2001-04-18
[43] 2001-11-26
[30] US (09/580,024) 2000-05-26

[21] **2,344,756**
[13] A1
[51] **Int.Cl. 7H04M 3/42**
[25] EN
[54] **SYSTEM AND METHOD OF CHANGING ENTITY CONFIGURATION INFORMATION WHILE AUTOMATICALLY MONITORING AND DISPLAYING SUCH INFORMATION IN A CALL CENTER**
[54] **SYSTEME ET METHODE PERMETTANT DE MODIFIER DE L'INFORMATION DE CONFIGURATION D'ENTITE TOUT EN SURVEILLANT AUTOMATIQUEMENT ET EN AFFICHANT CETTE INFORMATION DANS UN CENTRE D'APPEL**
[72] JAMES, ERIC, US
[71] ROCKWELL ELECTRONIC COMMERCE CORP., US
[22] 2001-04-18
[43] 2001-11-30
[30] US (09/584,306) 2000-05-31

[21] **2,344,788**
[13] A1
[51] **Int.Cl. 7H04B 10/17 7H04J 14/02 7H04Q 3/52**
[25] EN
[54] **OPTICAL SWITCH WITH POWER EQUALIZATION**
[54] **COMMUTATEUR OPTIQUE AVEC EGALISATION DE PUISSANCE**
[72] GRAVES, ALAN F., CA
[72] GRUBER, JOHN G., CA
[72] BRYANT, ANDREW JOHN, GB
[71] NORTEL NETWORKS LIMITED, CA
[22] 2001-04-19
[43] 2001-11-30
[30] US (09/580,495) 2000-05-30

[21] **2,344,790**
[13] A1
[51] **Int.Cl. 7A61G 17/08**
[25] EN
[54] **CREMATION REMAINS CONTAINER WITH MEMORIALIZATION FEATURES**
[54] **CONTENANT POUR RESTES D'INCINERATION AVEC ELEMENTS DE COMMEMORATION**
[72] GREIWE, JOHN, US
[72] PARKER, DANIEL J., US
[72] LOWERY, CHRIS, US
[72] THESKEN, MARK H., US
[72] JONES, RODGER, US
[71] BATESVILLE SERVICES, INC., US
[22] 2001-04-24
[43] 2001-11-30
[30] US (09/583,485) 2000-05-31

[21] **2,344,848**
[13] A1
[51] **Int.Cl. 7C09J 11/00 7B65D 83/28**
[25] EN
[54] **VERY HIGH SOLID CONTENT AEROSOL DELIVERY SYSTEM**
[54] **SYSTEME DE DISTRIBUTION D'AEROSOL A TRES FORTE TENEUR EN SOLIDE**
[72] PURVIS, DANIEL CHARLES II, US
[72] PECHAL, KENNETH CHARLES, US
[72] ACH, JOHN JAMES, US
[71] PREMARK RWP HOLDINGS, INC., US
[22] 2001-04-23
[43] 2001-11-30
[30] US (09/583,793) 2000-05-31

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[21] **2,344,963**
[13] A1

[51] **Int.Cl. 7F16F 9/32**
[25] EN
[54] **SMALL VISCOUS PRECISION DAMPER**
[54] **PETIT AMORTISSEUR VISQUEUX DE PRECISION**
[72] DERR, CALVIN, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2001-04-25
[43] 2001-11-30
[30] US (09/580,859) 2000-05-30

[21] **2,345,591**
[13] A1

[51] **Int.Cl. 7H01R 13/648 7H01R 13/66**
[25] EN
[54] **RF CONNECTOR WITH IMPEDANCE MATCHING TAB**
[54] **CONNECTEUR HF AVEC LANGUETTE D'ADAPTATEUR D'IMPEDANCE**
[72] NAKANISHI, HIDENORI, JP
[72] KAO, YUAN-HUA, US
[72] MILLER, THOMAS J., JR., US
[72] TANAKA, MOTOYOSHI, JP
[72] IGARASHI, TAKASHI, JP
[72] NECHAY, BETTINA A., US
[71] AGERE SYSTEMS OPTOELECTRONICS GUARDIAN CORPORATION, US
[22] 2001-05-03
[43] 2001-11-30
[30] US (09/584,010) 2000-05-30

[21] **2,345,593**
[13] A1

[51] **Int.Cl. 7G06F 1/00 7G06F 1/32**
[25] EN
[54] **DEVICE FOR AND METHOD OF GENERATING INTERRUPT SIGNALS**
[54] **DISPOSITIF ET METHODE DE PRODUCTION DE SIGNAUX D'INTERRUPTION**
[72] KAWASE, YUJI, JP
[72] IMAI, SATORU, JP
[71] SEIKO EPSON CORPORATION, JP
[22] 2001-05-03
[43] 2001-11-29
[30] JP (2000-158349) 2000-05-29
[30] JP (2001-107368) 2001-04-05

[21] **2,345,829**
[13] A1

[51] **Int.Cl. 7H05K 3/06**
[25] EN
[54] **PROCESS TO MANUFACTURE TIGHT TOLERANCE EMBEDDED ELEMENTS FOR PRINTED CIRCUIT BOARDS**
[54] **PROCEDE DE FABRICATION D'ELEMENTS INCORPORES A TOLERANCE SERREE POUR CARTES DE CIRCUITS IMPRIMES**
[72] ANDRESAKIS, JOHN A., US
[71] OAK-MITSUI, INC., US
[22] 2001-05-01
[43] 2001-11-25
[30] US (09/578,424) 2000-05-25

[21] **2,345,854**
[13] A1

[51] **Int.Cl. 7F04B 39/00 7F04B 53/00 7F04C 29/00 7F04D 29/00**
[25] EN
[54] **PUMP AND METHOD FOR FACILITATING MAINTENANCE AND ADJUSTING OPERATION OF SAID PUUMP**
[54] **POMPE ET METHODE POUR FACILITER SON ENTRETIEN ET SON REGLAGE**
[72] NIEMCZURA, RAYMOND J., SR., US
[72] HENNESSEY, MICHAEL D., US
[72] REYNOLDS, STEVEN M., US
[72] ROSEBERRY, DAVID E., US
[71] WARREN RUPP, INC., US
[22] 2001-04-30
[43] 2001-11-30
[30] US (09/584,570) 2000-05-31

[21] **2,345,865**
[13] A1

[51] **Int.Cl. 7F24F 13/20**
[25] EN
[54] **CEILING GRILLE FOR ROOFTOP AIR CONDITIONER UNIT**
[54] **GRILLE DE PLAFOND POUR CLIMATISEUR DE TOIT**
[72] LYU, JEONG-UN, KR
[72] KIM, JONG-HO, KR
[72] AHN, YOUNG-KILL, KR
[71] CARRIER CORPORATION, US
[22] 2001-05-01
[43] 2001-11-30
[30] US (09/580,072) 2000-05-30

[21] **2,345,866**
[13] A1

[51] **Int.Cl. 7A01B 69/02**
[25] EN
[54] **COMPACT FOLDING ROW MARKER**
[54] **MARQUEUR DE RANGEES PLIANT COMPACT**
[72] SMITH, DAVID R., US
[72] MAENLE, WILLIAM C., US
[72] HILVERS, MICHAEL J., US
[71] UNVERFERTH MANUFACTURING COMPANY, INC., US
[22] 2001-05-01
[43] 2001-11-26
[30] US (09/578,506) 2000-05-26

[21] **2,345,876**
[13] A1

[51] **Int.Cl. 7C09D 5/46 7C09D 1/02**
[25] EN
[54] **A SCRATCH RESISTANT DISCONTINUOUS ACOUSTICAL SURFACE COATING**
[54] **UN REVETEMENT DISCONTINU ANTI-RAYURES POUR PANNEAU ACOUSTIQUE**
[72] CALDWELL, KENNETH G., US
[72] BELMARES, HECTOR, US
[71] ARMSTRONG WORLD INDUSTRIES, INC., US
[22] 2001-05-01
[43] 2001-11-30
[30] US (09/580,692) 2000-05-30

[21] **2,345,877**
[13] A1

[51] **Int.Cl. 7B60N 2/04 7B60N 2/38 7B60N 2/64**
[25] EN
[54] **SEATING SYSTEM CONFIGURABLE BETWEEN ONE-PERSON TO TWO-PERSON CONFIGURATIONS, AND METHOD FOR CONFIGURING SAME**
[54] **ARRANGEMENT DE PLACES CONFIGURABLE POUR UNE PERSONNE OU DEUX PERSONNES ET METHODE DE CONFIGURATION CONNEXE**
[72] NELSON, JACK THOMAS, US
[72] MARTINSEN, RHONDA LYNNETTE, US
[72] THOMPSON, DAVID CHARLES, US
[71] ARCTIC CAT INC., US
[22] 2001-05-01
[43] 2001-11-26
[30] US (09/579,614) 2000-05-26

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[21] **2,345,894**
[13] A1
[51] **Int.Cl. 7D21F 7/08**
[25] EN
[54] **PAPERMAKER'S FORMING FABRIC**
[54] **TOILE DE FORMATION DE PAPETERIE**
[72] TROUGHTON, BRIAN HERBERT PIKE, GB
[71] WEAVEXX CORPORATION, US
[22] 2001-05-01
[43] 2001-11-26
[30] US (09/579,549) 2000-05-26

[21] **2,345,939**
[13] A1
[51] **Int.Cl. 7C09D 183/07 7G02B 1/00 7C09J 183/07 7C09D 5/46**
[25] EN
[54] **APPLICATION OF DEUTERIUM OXIDE IN PRODUCING SILICON CONTAINING AND METAL CONTAINING MATERIALS**
[54] **UTILISATION D'EAU LOURDE POUR LA PRODUCTION DE MATERIAUX CONTENANT DU SILICIUM ET DES METAUX**
[72] ZHANG, PINGQING, CA
[72] XIAO, GAOZHI, CA
[72] ZHOU, MING, CA
[72] ZHANG, ZHIYI, CA
[72] PAN, GUANG, CA
[71] ZENASTRA PHOTONICS INC., CA
[22] 2001-05-03
[43] 2001-11-29
[30] CA (2,310,219) 2000-05-29

[21] **2,346,163**
[13] A1
[51] **Int.Cl. 7C07K 7/08 7A61K 39/00 7A61K 48/00 7C12N 15/87**
[25] EN
[54] **COMPLEX FOR TRANSFERRING AN ANIONIC SUBSTANCE OF INTEREST INTO A CELL**
[54] **COMPLEXE PERMETTANT LE TRANSFERT D'UNE SUBSTANCE ANIONIQUE D'INTERET DANS UNE CELLULE**
[72] JACOBS, ERIC, FR
[72] RITTNER, KAROLA, FR
[71] TRANSGENE S.A., FR
[22] 2001-05-25
[43] 2001-11-26
[30] EP (00 44 0162.6) 2000-05-26
[30] EP (01 44 0049.3) 2001-02-27
[30] US (60/246,083) 2000-11-07
[30] US (60/277,982) 2001-03-23

[21] **2,346,362**
[13] A1
[51] **Int.Cl. 7C07K 16/28 7C12N 5/06 7C12N 5/08**
[25] EN
[54] **NOVEL ANTIBODY COMPOSITIONS FOR PREPARING ENRICHED MESENCHYMAL PROGENITOR PREPARATIONS**
[54] **COMPOSITIONS D'ANTICORPS NOUVELLES SERVANT A PREPARER DES PREPARATIONS ENRICHIES DE CELLULES EMBRYONNAIRES DU MESENCHYME**
[72] CLARKE, EMER, CA
[72] THOMAS, TERRY E., CA
[71] STEMCELL TECHNOLOGIES INC., CA
[22] 2001-05-25
[43] 2001-11-26
[30] US (60/207,368) 2000-05-26

[21] **2,346,367**
[13] A1
[51] **Int.Cl. 7A45C 1/00 7A45C 11/00 7B65D 85/02 7B65D 83/04**
[25] EN
[54] **COIN HOLDER**
[54] **PORTE-MONNAIE**
[72] ZOLDAN, ROMEO, CA
[71] ZOLDAN, ROMEO, CA
[22] 2001-05-09
[43] 2001-11-30
[30] US (09/579,505) 2000-05-30

[21] **2,346,576**
[13] A1
[51] **Int.Cl. 7B41F 17/00 7H01J 9/00 7B41F 17/32**
[25] EN
[54] **METHOD FOR MARKING QUARTZ GLASS LAMPS AND QUARTZ GLASS LAMPS PRODUCED USING THIS METHOD**
[54] **METHODE DE MARQUAGE DE LAMPES EN VERRE DE QUARTZ ET LAMPES EN VERRE DE QUARTZ OBTENUES PAR CETTE METHODE**
[72] ROSENBAUER, GEORG, DE
[72] BREMS, XAVER, DE
[72] RECHERMANN, JOHANN, DE
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUHLAMPEN MBH, DE
[22] 2001-05-07
[43] 2001-11-30
[30] DE (100 26 567.7) 2000-05-30

[21] **2,346,607**
[13] A1
[51] **Int.Cl. 7A47J 27/21 7B29C 65/00**
[25] EN
[54] **A METHOD OF SECURING ARTICLES AND AN ELECTRIC KETTLE MADE BY SUCH A METHOD**
[54] **METHODE DE FIXATION D'ARTICLES ET BOUILLOIRE ELECTRIQUE FABRIQUEE EN UTILISANT CETTE METHODE**
[72] CHAN, TAT, HK
[71] BETTER ELECTRICAL PRODUCTS (HK) COMPANY LIMITED, HK
[22] 2001-05-08
[43] 2001-11-30
[30] GB (0013205.0) 2000-05-31

[21] **2,346,631**
[13] A1
[51] **Int.Cl. 7A61K 31/5383 7A61P 27/02 7A61P 31/04**
[25] EN
[54] **ANTIBACTERIAL AQUEOUS OPHTHALMIC FORMULATIONS CONTAINING OFLOXACIN AND USE OF CHITOSAN FOR SOLUBILIZING OFLOXACIN SUSPENDED IN AN AQUEOUS MEDIA**
[54] **COMPOSITIONS OPHTALMIQUES AQUEUSES ANTIBACTERIENNES CONTENANT DE L'OFLOXACINE ET UTILISATION DE CHITOSANE POUR SOLUBILISER L'OFLOXACINE EN SUSPENSION DANS UN MILIEU AQUEUX**
[72] FELT, OLIVIA MIREILLE, CH
[72] GURNY, ROBERT, CH
[71] LABORATOIRE MEDIDOM S.A., CH
[22] 2001-05-08
[43] 2001-11-26
[30] EP (00 111 377.8) 2000-05-26

[21] **2,347,249**
[13] A1
[51] **Int.Cl. 7C12N 15/54 7C12N 9/12 7C12Q 1/48**
[25] EN
[54] **MUTANT PLK PROTEIN AND GENE ENCODING THE SAME**
[54] **PROTEINE MUTANTE PLK ET GENE CODANT CETTE PROTEINE**
[72] OSADA, HIROYUKI, JP
[72] SIMIZU, SIRO, JP
[71] RIKEN, JP
[22] 2001-05-30
[43] 2001-11-30
[30] JP (163122/2000) 2000-05-31

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[21] **2,347,276**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7G01N 33/566 7C07K 14/705**
[25] EN
[54] **I G E-DEPENDENT HISTAMINE-RELEASING FACTOR (HRF) RECEPTOR, HRF-BINDING PEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME, AND USES THEREOF**
[54] **RECEPTEUR DE FACTEUR HISTAMINOLIBERATEUR (HRF) PENDANT DE L'IMMUNOGLOBULINE (IGE), PEPTIDES FIXATEURS DE HRF ET ACIDES NUCLEIQUES CODANT LE RECEPTEUR, ET UTILISATIONS CONNEXES**
[72] CHUNG, JUNHO, KR
[72] JUNG, JAEHOON, KR
[72] KIM, WHA JUNG, KR
[72] LEE, KYUNGLIM, KR
[72] KIM, MIYOUNG, KR
[71] LEE, KYUNGLIM, KR
[22] 2001-05-31
[43] 2001-12-01
[30] KR (2000-30130) 2000-06-01

[21] **2,347,287**
[13] A1

[51] **Int.Cl. 7B23K 26/02**
[25] EN
[54] **LASER WELDING APPARATUS**
[54] **APPAREIL DE SOUDAGE LASER**
[72] FLETCHER, JIMMIE B., US
[72] SCANNELL, JAMES D., US
[72] AMAN, GARY A., US
[71] UNOVA IP CORP., US
[22] 2001-05-09
[43] 2001-11-25
[30] US (09/578,772) 2000-05-25

[21] **2,347,300**
[13] A1

[51] **Int.Cl. 7C04B 35/80**
[25] EN
[54] **MANUFACTURING METHOD OF CERAMIC MATRIX COMPOSITE**
[54] **METHODE DE FABRICATION D'UN COMPOSITE A MATRICE CERAMIQUE**
[72] NAKAMURA, TAKESHI, JP
[72] SATOMI, SHUNSUKE, JP
[72] MURATA, HIROSHIGE, JP
[71] ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES CO., LTD., JP
[22] 2001-05-09
[43] 2001-11-26
[30] JP (156509/2000) 2000-05-26

[21] **2,347,309**
[13] A1

[51] **Int.Cl. 7C09D 5/00**
[25] EN
[54] **METHOD FOR PRODUCING FAST-DRYING MULTI-COMPONENT WATERBORNE COATING COMPOSITIONS**
[54] **METHODE DE PRODUCTION DE COMPOSITIONS DE REVETEMENT A L'EAU, A COMPOSANTS MULTIPLES ET A SECHAGE RAPIDE**
[72] SCHALL, DONALD CRAIG, US
[72] SOBCZAK, JEFFREY JOSEPH, US
[72] SANFILIPPO, ANGELO, FR
[72] HERMES, ANN ROBERTSON, US
[71] ROHM AND HAAS COMPANY, US
[22] 2001-05-11
[43] 2001-11-26
[30] US (09/579,186) 2000-05-26

[21] **2,347,441**
[13] A1

[51] **Int.Cl. 7C08F 220/28 7C08F 222/02**
[25] EN
[54] **AMPHIPHILIC POLYMER COMPOSITION**
[54] **COMPOSITION POLYMERE AMPHIPHILE**
[72] KIRK, THOMAS CLEVELAND, US
[72] BAXTER, STEVEN MICHAEL, US
[72] WEINSTEIN, BARRY, US
[72] SCHWARTZ, CURTIS, US
[71] ROHM AND HAAS COMPANY, US
[22] 2001-05-15
[43] 2001-11-30
[30] US (60/207,912) 2000-05-30

[21] **2,347,518**
[13] A1

[51] **Int.Cl. 7A61F 13/49**
[25] EN
[54] **DISPOSABLE UNDERGARMENT**
[54] **SOUS-VETEMENT JETABLE**
[72] KAWAMURA, KOUJI, JP
[72] ONO, YOSHIO, JP
[71] UNI-CHARM CORPORATION, JP
[22] 2001-05-14
[43] 2001-11-25
[30] JP (2000-155072) 2000-05-25

[21] **2,347,520**
[13] A1

[51] **Int.Cl. 7A61F 13/49**
[25] EN
[54] **DISPOSABLE PULL-ON UNDERGARMENT**
[54] **SOUS-VETEMENT JETABLE FACILE A ENFILER**
[72] SHIMADA, TAKA AKI, JP
[72] SUZUKI, SEJI, JP
[72] SHIMOE, NARIAKI, JP
[71] UNI-CHARM CORPORATION, JP
[22] 2001-05-14
[43] 2001-11-26
[30] JP (2000-157024) 2000-05-26

[21] **2,347,547**
[13] A1

[51] **Int.Cl. 7C09C 1/02 7D21H 19/38**
[25] EN
[54] **PROCESSES FOR PREPARING PRECIPITATE CALCIUM CARBONATE COMPOSITIONS AND PRODUCTS THEREOF**
[54] **METHODES DE PREPARATION DE COMPOSITIONS DE CARBONATE DE CALCIUM PRECIPITE ET PRODUITS CONNEXES**
[72] FREEMAN, GARY M., US
[72] MOLLER, KURT H., US
[72] JONES, WILLIAM J., US
[72] MORITZ, RANDAL A., US
[71] J.M. HUBER CORPORATION, US
[22] 2001-05-14
[43] 2001-11-26
[30] US (09/578,470) 2000-05-26

[21] **2,347,555**
[13] A1

[51] **Int.Cl. 7H04B 10/20 7H04B 10/12**
[25] EN
[54] **HYPER-CONCATENATION ACROSS INDEPENDENT POINTER PROCESSORS**
[54] **HYPER-CONCATENATION DANS UN ESPACE RESEAU A PROCESSEURS DE POINTEURS INDEPENDANTS**
[72] ROBERTS, KIM B., CA
[72] GAGNON, RONALD J., CA
[71] NORTEL NETWORKS LIMITED, CA
[22] 2001-05-11
[43] 2001-11-25
[30] US (09/577,814) 2000-05-25

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[21] **2,347,572**
[13] A1

[51] **Int.Cl. 7B65B 35/50**
[25] EN
[54] **METHOD AND APPARATUS FOR FORMING ITEM GROUPS**
[54] **METHODE ET DISPOSITIF DE FORMATION DE GROUPES D'ARTICLES**
[72] KLOTZ, ARMIN, DE
[72] HUPPI, EMIL, CH
[71] SIG PACK SYSTEMS AG, CH
[22] 2001-05-15
[43] 2001-11-30
[30] CH (1097/00) 2000-05-31

[21] **2,347,573**
[13] A1

[51] **Int.Cl. 7B65G 45/08 7B65G 45/02**
[25] EN
[54] **OVERHEAD CONVEYOR LUBRICATION APPARATUS AND METHOD**
[54] **GRAISSEUR DE CONVOYEUR AERIEN, ET METHODE**
[72] BEAUCHAMP, SHAUN M., US
[72] BIAGGIO, WILLIAM P., US
[72] WECH, MICHAEL J., US
[71] OIL-RITE CORPORATION, US
[22] 2001-05-15
[43] 2001-11-26
[30] US (09/579,598) 2000-05-26

[21] **2,347,591**
[13] A1

[51] **Int.Cl. 7G02B 6/17**
[25] EN
[54] **METHODS OF PACKAGING POLARIZATION MAINTAINING FIBERS**
[54] **METHODES DE CONDITIONNEMENT DE FIBRES MAINTENANT LA POLARISATION**
[72] DAI, YUZHONG, US
[71] AGERE SYSTEMS OPTOELECTRONICS GUARDIAN CORPORATION, US
[22] 2001-05-15
[43] 2001-11-30
[30] US (09/583,126) 2000-05-30

[21] **2,347,592**
[13] A1

[51] **Int.Cl. 7H04L 12/56**
[25] EN
[54] **IMPROVEMENTS IN OR RELATING TO PACKET SWITCHES**
[54] **AMELIORATIONS APORTEES AUX COMMUTATEURS PAR PAQUETS**
[72] DAVIS, SIMON PAUL, GB
[72] REEVE, ANDREW, GB
[71] ROKE MANOR RESEARCH LIMITED, GB
[22] 2001-05-15
[43] 2001-11-25
[30] GB (0012611.0) 2000-05-25
[30] GB (0024463.2) 2000-10-06

[21] **2,347,604**
[13] A1

[51] **Int.Cl. 7H01R 13/02 7H01R 24/10**
[25] EN
[54] **ELECTRICAL CONNECTOR CAPABLE OF EXERTING A SELECTIVELY VARIABLE CONTACT FORCE**
[54] **CONNECTEUR ELECTRIQUE CAPABLE D'EXERCER UNE FORCE DE CONTACT VARIABLE SUR UNE BASE SELECTIVE**
[72] HAMILLA, BRIAN J., US
[72] BILLMAN, TIMOTHY B., US
[71] BERG TECHNOLOGY, INC., US
[22] 2001-05-15
[43] 2001-11-25
[30] US (09/578,648) 2000-05-25

[21] **2,347,619**
[13] A1

[51] **Int.Cl. 7E04B 9/00**
[25] EN
[54] **SUSPENDED CURVED CEILING SYSTEM**
[54] **PLAFOND SUSPENDU ARQUE**
[72] FLETTERICK, JAMES A., US
[72] LIKOZAR, MARTIN E., US
[71] USG INTERIORS, INC., US
[22] 2001-05-16
[43] 2001-11-30
[30] US (09/584,336) 2000-05-31

[21] **2,347,648**
[13] A1

[51] **Int.Cl. 7H04B 7/15 7H04B 7/00 7H04H 1/00 7H04Q 7/22**
[25] EN
[54] **WIRELESS PROVISION OF AUDIO CONTENT**
[54] **FOURNITURE SANS FIL DE CONTENU AUDIO**
[72] KANDLER, GERSHON, IL
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[22] 2001-05-15
[43] 2001-12-01
[30] US (60/209,019) 2000-06-01

[21] **2,347,881**
[13] A1

[51] **Int.Cl. 7A01G 31/00**
[25] EN
[54] **METHOD FOR GROWING ORNAMENTAL PLANTS BY HYDROPONIC CULTIVATION AND AN APPARATUS THEREFOR**
[54] **METHODE DE CULTURE HYDROPONIQUE DE PLANTES ORNEMENTALES ET APPAREIL CONNEXE**
[72] HIROSE, MITSURU, JP
[71] HIROSE CO., LTD., JP
[22] 2001-05-16
[43] 2001-11-26
[30] JP (156621/2000) 2000-05-26
[30] JP (266696/2000) 2000-09-04
[30] JP (291378/2000) 2000-09-26

[21] **2,347,920**
[13] A1

[51] **Int.Cl. 7B61B 3/00**
[25] EN
[54] **OVERHEAD RUNWAY TRANSPORTATION HANGER WITH LOAD RAISING AND LOWERING SYSTEM**
[54] **SUSPENTE DE TRANSPORTEUR AERIEN A SYSTEME DE LEVAGE ET DE DESCENTE DE CHARGE**
[72] PATRITO, DONATO, IT
[71] FATA HANDLING S.P.A., IT
[22] 2001-05-16
[43] 2001-11-26
[30] IT (MI 2000 A 001175) 2000-05-26

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[21] **2,347,924**
[13] A1

[51] **Int.Cl. 7H04L 12/56**
[25] EN
[54] **IMPROVEMENTS IN OR RELATING TO PACKET SWITCHES**
[54] **AMELIORATIONS APORTEES AUX COMMUTATEURS PAR PAQUETS**
[72] DAVIS, SIMON PAUL, GB
[72] REEVE, ANDREW, GB
[71] ROKE MANOR RESEARCH LIMITED, GB
[22] 2001-05-16
[43] 2001-11-25
[30] GB (0012600.3) 2000-05-25
[30] GB (0024455.8) 2000-10-06

[21] **2,347,971**
[13] A1

[51] **Int.Cl. 7F16J 15/02 7F02F 11/00 7C08L 9/02 7C08L 97/02 7C08J 3/24**
[25] EN
[54] **CORK RUBBER GASKET AND METHOD OF MAKING THE SAME**
[54] **RONDELLE EN LIEGE ET EN CAOUTCHOUC ET METHODE DE FABRICATION**
[72] ANTONINI, JOE, US
[72] SHANKAR, M.S., US
[71] DANA CORPORATION, US
[22] 2001-05-17
[43] 2001-12-01
[30] US (09/584,494) 2000-06-01

[21] **2,347,999**
[13] A1

[51] **Int.Cl. 7A61F 13/49**
[25] EN
[54] **DISPOSABLE DIAPER AND PROCESS FOR MAKING THE SAME**
[54] **COUCHE JETABLE ET PROCESSUS DE FABRICATION**
[72] ISHIKAWA, HIDEYUKI, JP
[71] UNI-CHARM CORPORATION, JP
[22] 2001-05-17
[43] 2001-11-30
[30] JP (2000-160909) 2000-05-30

[21] **2,348,040**
[13] A1

[51] **Int.Cl. 7A61F 13/49**
[25] EN
[54] **DISPOSABLE UNDERGARMENT**
[54] **SOUS-VETEMENT JETABLE**
[72] SHIGEO, IMAI, JP
[72] TOSHIMITSU, BABA, JP
[71] UNI-CHARM CORPORATION, JP
[22] 2001-05-17
[43] 2001-11-29
[30] JP (2000-158246) 2000-05-29

[21] **2,348,080**
[13] A1

[51] **Int.Cl. 7F16H 59/66 7B60K 23/00 7G01N 3/00**
[25] EN
[54] **ROAD SURFACE GRADIENT DETECTING APPARATUS**
[54] **APPAREIL DE DETECTION DE LA PENTE D'UNE COUCHE DE ROULEMENT**
[72] SAOTOME, HIROSHI, JP
[72] MIYAZAKI, TETSUSHI, JP
[72] FUJIMOTO, SHUICHI, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2001-05-15
[43] 2001-11-26
[30] JP (156946/2000) 2000-05-26

[21] **2,348,121**
[13] A1

[51] **Int.Cl. 7H04Q 3/52 7H04Q 11/02**
[25] EN
[54] **OPTICAL SWITCH WITH CONNECTION VERIFICATION**
[54] **COMMUTATEUR OPTIQUE A VERIFICATION DE CONNEXION**
[72] BRYANT, ANDREW JOHN, GB
[72] GRAVES, ALAN F., CA
[72] GRUBER, JOHN G., CA
[71] NORTEL NETWORKS LIMITED, CA
[22] 2001-05-17
[43] 2001-11-30
[30] US (09/207,292) 2000-05-30

[21] **2,348,133**
[13] A1

[51] **Int.Cl. 7F02M 25/08 7F02M 21/02 7F16K 31/06**
[25] EN
[54] **PROPORTIONAL SOLENOID FOR PURGING FUEL VAPORS**
[54] **ELECTROROBINET PROPORTIONNEL POUR PURGER LES VAPEURS DE CARBURANT**
[72] KENNEDY, ROGER LEE JR., US
[72] WESTERGAARD, ANDREW WILLIAM, US
[72] PARKER, KENNETH JAMES, US
[72] NESS, JOHN ANDREW, US
[71] EATON CORPORATION, US
[22] 2001-05-17
[43] 2001-11-25
[30] US (09/579,416) 2000-05-25

[21] **2,348,149**
[13] A1

[51] **Int.Cl. 7C08L 29/04 7C04B 26/04 7C08L 25/10 7C08L 33/12**
[25] EN
[54] **REDISPERisible SYNTHETIC RESIN POWDER AND USE THEREOF**
[54] **POUDRE DE RESINE SYNTHETIQUE POUVANT ETRE REMISE EN SUSPENSION ET UTILISATION DE CELLE-CI**
[72] SHIBUTANI, MITSUO, JP
[72] HARA, KOUJI, JP
[72] KITAMURA, KIYOHARU, JP
[71] THE NIPPON SYNTHETIC CHEMICAL INDUSTRY CO., LTD., JP
[22] 2001-05-22
[43] 2001-11-25
[30] JP (2000-154015) 2000-05-25

[21] **2,348,150**
[13] A1

[51] **Int.Cl. 7G01N 23/02**
[25] EN
[54] **NON-ROTATING X-RAY SYSTEM FOR THREE-DIMENSIONAL, THREE-PARAMETER IMAGING**
[54] **SYSTEME NON ROTATIF A RAYONS X POUR L'IMAGERIE TRIDIMENSIONNELLE ET TRIPARAMETRIQUE**
[72] HUSSEIN, ESAM M.A., CA
[71] HUSSEIN, ESAM M.A., CA
[22] 2001-05-18
[43] 2001-11-25
[30] US (60/206,803) 2000-05-25

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[21] **2,348,154**
[13] A1
[51] **Int.Cl. 7A61M 5/178 7A61B 5/15**
[25] EN
[54] **HYPODERMIC NEEDLE HAVING
A SELECTIVELY RETRACTABLE
NEEDLE**
[54] **AIGUILLE HYPODERMIQUE
POUVANT ETRE ESCAMOTEE A
DIFFERENTES POSITIONS**
[72] BELL, JON S., US
[71] BECTON, DICKINSON AND
COMPANY, US
[22] 2001-05-18
[43] 2001-11-25
[30] US (09/578,601) 2000-05-25

[21] **2,348,176**
[13] A1
[51] **Int.Cl. 7C08L 83/07**
[25] EN
[54] **SILICONE RUBBER
COMPOSITION FOR EXTRUSION
MOLDING AND METHOD FOR
FABRICATING SILICONE RUBBER
EXTRUSION MOLDINGS**
[54] **COMPOSITION DE
CAOUTCHOUC SILICONE POUR LE
MOULAGE PAR EXTRUSION ET
METHODE POUR PRODUIRE DES
OBJETS EN CAOUTCHOUC SILICONE
EXTRUDES**
[72] HIRAI, KAZUO, JP
[72] HONMA, HIROSHI, JP
[72] BABA, KATSUYA, JP
[71] DOW CORNING TORAY SILICONE
COMPANY, LTD., JP
[22] 2001-05-18
[43] 2001-11-30
[30] JP (2000-162975) 2000-05-31

[21] **2,348,193**
[13] A1
[51] **Int.Cl. 7C08K 5/14 7C08L 83/07**
[25] EN
[54] **SILICONE RUBBER
COMPOSITION FOR EXTRUSION
MOLDING AND METHOD OF
FABRICATION**
[54] **COMPOSITION DE
CAOUTCHOUC SILICONE POUR LE
MOULAGE PAR EXTRUSION ET
METHODE DE FABRICATION**
[72] BABA, KATSUYA, JP
[72] HONMA, HIROSHI, JP
[72] HIRAI, KAZUO, JP
[71] DOW CORNING TORAY SILICONE
CO., LTD., JP
[22] 2001-05-18
[43] 2001-11-30
[30] JP (2000-162974) 2000-05-31

[21] **2,348,197**
[13] A1
[51] **Int.Cl. 7F16H 39/00**
[25] EN
[54] **HYDROSTATIC CONTINUOUSLY
VARIABLE TRANSMISSION**
[54] **TRANSMISSION
HYDROSTATIQUE A VARIATION
CONTINUE**
[72] SAITO, MITSURU, JP
[72] YOSHIDA, YOSHIHIRO, JP
[72] TAKEUCHI, KAZUHIRO, JP
[72] FUJIMOTO, YASUSHI, JP
[71] HONDA GIKEN KOGYO
KABUSHIKI KAISHA, JP
[22] 2001-05-18
[43] 2001-11-30
[30] JP (2000-162367) 2000-05-31

[21] **2,348,204**
[13] A1
[51] **Int.Cl. 7G01V 3/18 7G01V 3/26**
[25] EN
[54] **METHOD FOR ITERATIVE
DETERMINATION OF
CONDUCTIVITY IN ANISOTROPIC
DIPPING**
[54] **METHODE DE DETERMINATION
ITERATIVE DE LA CONDUCTIVITE EN
PENDAGE ANISOTROPE**
[72] GAO, LI, US
[72] GIANZERO, STANLEY C., US
[71] HALLIBURTON ENERGY
SERVICES, INC., US
[22] 2001-05-18
[43] 2001-11-30
[30] US (09/583,184) 2000-05-30

[21] **2,348,218**
[13] A1
[51] **Int.Cl. 7B60J 1/20 7D07B 1/06**
[25] EN
[54] **WIRE CABLE FOR WINDOW
REGULATORS OF AUTOMOBILES**
[54] **CABLE METALLIQUE POUR
LEVE-GLACE D'AUTOMOBILES**
[72] KIM, YOUNG-JO, KR
[71] KISWIRE LTD., KR
[22] 2001-05-24
[43] 2001-11-30
[30] KR (29407/2000) 2000-05-30

[21] **2,348,220**
[13] A1
[51] **Int.Cl. 7H02G 3/04**
[25] EN
[54] **HINGED RACEWAY WITH LATCH**
[54] **CANALISATION ARTICULEE A
MECANISME DE VERROUILLAGE**
[72] EWER, STEPHEN R., US
[71] HUBBELL INCORPORATED, US
[22] 2001-05-22
[43] 2001-11-26
[30] US (09/578,861) 2000-05-26

[21] **2,348,222**
[13] A1
[51] **Int.Cl. 7G06F 17/30**
[25] EN
[54] **METHOD AND SYSTEM FOR
FACILITATING NETWORKED
INFORMATION EXCHANGE**
[54] **METHODE ET SYSTEME
FACILITANT L'ECHANGE
D'INFORMATION EN RESEAU**
[72] VOSHELL, PERLIE E., US
[72] CHO, CHARLES J., US
[71] OUTLOOKSOFT CORPORATION, US
[22] 2001-05-24
[43] 2001-11-30
[30] US (09/580,842) 2000-05-30

Demandes canadiennes mises à la disponibilité du public
25 novembre 2001 - 1 décembre 2001

[21] **2,348,226**
[13] A1

[51] **Int.Cl. 7G06F 17/30**
[25] EN
[54] **METHOD AND SYSTEM FOR FACILITATING INFORMATION EXCHANGE**
[54] **METHODE ET SYSTEME FACILITANT L'ECHANGE D'INFORMATION**
[72] VOSHELL, PERLIE E., US
[72] CHO, CHARLES J., US
[71] OUTLOOKSOFT CORPORATION, US
[22] 2001-05-24
[43] 2001-11-30
[30] US (09/580,676) 2000-05-30

[21] **2,348,247**
[13] A1

[51] **Int.Cl. 7H04L 9/32 7E05B 47/00**
[25] EN
[54] **METHOD OF INITIATING A PROCEDURE WITHIN A BUILDING**
[54] **METHODE DE LANCEMENT DE PROCEDURES POUR IMMEUBLE**
[72] FRIEDLI, PAUL, CH
[72] SCHUSTER, KILIAN, CH
[71] INVENTIO AG, CH
[22] 2001-05-23
[43] 2001-11-25
[30] EP (00810454.9) 2000-05-25

[21] **2,348,253**
[13] A1

[51] **Int.Cl. 7G06F 13/38 7G06F 17/30**
[25] EN
[54] **DATA STORAGE SYSTEM**
[54] **SYSTEME DE STOCKAGE DE DONNEES**
[72] TALATI, ATUL NAVINCHANDRA, US
[71] BNL TECHNOLOGIES, INC., US
[22] 2001-05-24
[43] 2001-11-25
[30] US (60/207,116) 2000-05-25

[21] **2,348,256**
[13] A1

[51] **Int.Cl. 7A21D 8/04 7A21D 10/02**
[25] EN
[54] **IMPROVED DOUGH ENROBED FILLING PRODUCTS**
[54] **PRODUITS DE GARNITURE ENROBEE DE PATE AMELIORES**
[72] FORNECK, KEVIN R., US
[72] FORNECK, KEITH D., US
[72] HOWARD, WALTER E., US
[72] LOPEZ, AMADO R., US
[72] DELPIERRE, PHILLIP, US
[72] TANGPRASERTCHAI, URAIWAN, US
[71] KRAFT FOODS HOLDINGS, INC., US
[22] 2001-05-23
[43] 2001-11-25
[30] US (09/579,081) 2000-05-25

[21] **2,348,260**
[13] A1

[51] **Int.Cl. 7H01M 4/24**
[25] EN
[54] **DOPED POSITIVE-ELECTRODE MATERIAL IN ELECTROCHEMICAL CELLS**
[54] **MATERIAU DOPE POUR ELECTRODE POSITIVE DE PILES A COMBUSTIBLE**
[72] SANDNER, TANJA, DE
[72] AMANN, ANJA, DE
[72] LOTZ, NATASCHA, DE
[72] HEIDER, LILIA, DE
[72] ROTHENBERGER, MATHIAS, DE
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE
[22] 2001-05-23
[43] 2001-11-25
[30] DE (100 25 761.5) 2000-05-25

[21] **2,348,264**
[13] A1

[51] **Int.Cl. 7H01M 4/24**
[25] EN
[54] **REDUCED POSITIVE-ELECTRODE MATERIAL IN ELECTROCHEMICAL CELLS**
[54] **MATERIAU REDUIT POUR ELECTRODE POSITIVE DE PILES A COMBUSTIBLE**
[72] LOTZ, NATASCHA, DE
[72] HEIDER, LILIA, DE
[72] AMANN, ANJA, DE
[72] SANDNER, TANJA, DE
[72] ROTHENBURGER, MATHIAS, DE
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE
[22] 2001-05-23
[43] 2001-11-25
[30] DE (100 25 762.3) 2000-05-25

[21] **2,348,290**
[13] A1

[51] **Int.Cl. 7B60R 21/16**
[25] EN
[54] **AIR BAG DEVICE**
[54] **COUSSIN GONFLABLE**
[72] SAITO, KENICHI, JP
[72] KAMIJI, KOICHI, JP
[72] HIGUCHI, HITOSHI, JP
[72] SATO, MASAE, JP
[72] OTSUKA, TAKERU, JP
[72] KAWAMURA, NOBUYUKI, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2001-05-23
[43] 2001-11-29
[30] JP (2000-158300) 2000-05-29

[21] **2,348,291**
[13] A1

[51] **Int.Cl. 7A47G 19/22**
[25] EN
[54] **INSULATIVE SLEEVE FOR DISPOSABLE HOT DRINK CUP**
[54] **MANCHON ISOLANT POUR GOBELET A BOISSON CHAUDE JETABLE**
[72] CERASANI, VINCE S., CA
[72] MAZZAROLO, UGO, CA
[71] M&N PLASTICS, INC., US
[22] 2001-05-23
[43] 2001-11-30
[30] US (09/583,424) 2000-05-31

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[21] **2,348,296**
[13] A1

[51] **Int.Cl. 7G02B 6/24 7G02B 6/25**
[25] EN
[54] **METHOD OF GRINDING OPTICAL FIBER CONNECTOR**
[54] **METHODE DE MEULAGE DE CONNECTEUR DE FIBRES OPTIQUES**
[72] KATSUKI, SUEMATSU, JP
[72] TAKEHIKO, NARITA, JP
[72] TAKASHI, IJIMA, JP
[72] KUNIO, YAMADA, JP
[72] AKIO, ISHII, JP
[71] THE FURUKAWA ELECTRIC CO., LTD., JP
[71] THE SEIKOH GIKEN CO., LTD., JP
[22] 2001-05-24
[43] 2001-11-25
[30] JP (2000-154735) 2000-05-25

[21] **2,348,313**
[13] A1

[51] **Int.Cl. 7G02F 1/137 7G02F 1/19**
[25] EN
[54] **OPTICAL WAVELENGTH TUNING METHOD AND FABRY-PEROT TYPE OPTICAL TUNER**
[54] **METHODE D'ACCORD EN LONGUEUR D'ONDE LUMINEUSE ET SYNTONISATEUR OPTIQUE DE TYPE FABRY-PEROT**
[72] KATAOKA, SHOEL, JP
[71] KATAOKA, SHOEL, JP
[22] 2001-05-24
[43] 2001-11-25
[30] JP (2000-154087) 2000-05-25
[30] JP (2001-81914) 2001-03-22

[21] **2,348,331**
[13] A1

[51] **Int.Cl. 7F17C 3/04**
[25] EN
[54] **METHOD FOR MANUFACTURING A TANK FOR A CRYOGENIC FLUID AND TANK THUS PRODUCED**
[54] **METHODE DE FABRICATION D'UN RESERVOIR DE FLUIDE CRYOGENIQUE, ET RESERVOIR AINSI PRODUIT**
[72] SANGLAN, PATRICK, FR
[72] PELLOUX-GERVAIS, PIERRE, FR
[71] L' AIR LIQUIDE, SOCIETE ANONYME POUR L' ETUDE ET L' EXPLOITATION DES PROCED ES GEORGES CLAUDE, FR
[22] 2001-05-23
[43] 2001-11-26
[30] FR (00 06774) 2000-05-26

[21] **2,348,304**
[13] A1

[51] **Int.Cl. 7H04L 12/46 7H04B 10/20 7H04L 12/42 7H04L 12/437**
[25] EN
[54] **INTERCONNECTION BETWEEN TELECOMMUNICATION MS-SPRING AND SNCP RING NETWORKS**
[54] **INTERCONNEXION ENTRE LES RESEAUX EN ANNEAU DE TELECOMMUNICATIONS MS-SPRING ET SNCP**
[72] LICATA, GIUSEPPA, IT
[72] COLIZZI, ERNESTO, IT
[71] ALCATEL, FR
[22] 2001-05-24
[43] 2001-11-26
[30] IT (MI2000A001163) 2000-05-26

[21] **2,348,317**
[13] A1

[51] **Int.Cl. 7G07F 17/32 7A63F 13/00 7H04L 12/16**
[25] EN
[54] **COIN AND BILL VIDEO GAME TERMINAL SYSTEM**
[54] **TERMINAL DE JEU VIDEO PAYANT**
[72] LEVITAN, VALERY, CA
[71] JVL CORPORATION, CA
[22] 2001-05-24
[43] 2001-11-25
[30] US (09/577,821) 2000-05-25

[21] **2,348,337**
[13] A1

[51] **Int.Cl. 7B65D 43/16**
[25] EN
[54] **FOOD PRODUCT CONTAINER WITH CLOSURE**
[54] **CONTENANT ALIMENTAIRE A FERMETURE**
[72] BUCHER, ANNE, US
[72] GILLIAM, CHERYL M., US
[71] KRAFT FOODS HOLDINGS, INC., US
[22] 2001-05-23
[43] 2001-11-26
[30] US (09/579,662) 2000-05-26

[21] **2,348,309**
[13] A1

[51] **Int.Cl. 7H04L 12/16 7G06F 17/60**
[25] EN
[54] **ELECTRONIC COUPON ISSUING SYSTEM AND ISSUING METHOD**
[54] **SYSTEME D'EMISSION ET METHODE D'EMISSION DE COUPON ELECTRONIQUE**
[72] GOTO, HIROAKI, JP
[72] NARUKAWA, RYUSUKE, JP
[72] KITAURA, HISASHI, JP
[72] KAMI, TAKASHI, JP
[72] WATANABE, HIROYUKI, JP
[71] SEIKO INSTRUMENTS INC., JP
[71] KABUSHIKI KAISHA TOSHIBA, JP
[71] NIPPON SHINPAN CO., LTD., JP
[22] 2001-05-24
[43] 2001-11-25
[30] JP (2000-154779) 2000-05-25

[21] **2,348,321**
[13] A1

[51] **Int.Cl. 7H04L 12/16 7E05B 47/00 7E06B 5/00 7H04L 9/32**
[25] EN
[54] **REMOTELY CONTROLLABLE DELIVERY DOOR ASSEMBLY, NETWORK SERVER AND METHOD**
[54] **PORTE DE LIVRAISON TELECOMMANDEE, SERVEUR DE RESEAU, ET METHODE**
[72] DE GASPERIS, FREDDY JR., CA
[72] SULPIZI, JOSEPH, CA
[72] DE GASPERIS, ANDREW, CA
[71] DE GASPERIS, FREDDY JR., CA
[71] SULPIZI, JOSEPH, CA
[71] DE GASPERIS, ANDREW, CA
[22] 2001-05-24
[43] 2001-11-26
[30] US (09/579,029) 2000-05-26

[21] **2,348,339**
[13] A1

[51] **Int.Cl. 7B65D 50/00**
[25] EN
[54] **CONTAINER CLOSURES**
[54] **FERMETURES DE CONTENANTS**
[72] LONG, STEVEN MARK, GB
[71] DOLPHIN PACKAGING LIMITED, GB
[22] 2001-05-24
[43] 2001-11-26
[30] GB (0012758.9) 2000-05-26
[30] GB (0021917.0) 2000-09-07

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[21] **2,348,341**
[13] A1

[51] **Int.Cl. 7A61F 13/47**
[25] EN
[54] **ABSORBENT ARTICLE**
[54] **ARTICLE ABSORBANT**
[72] YOSHIMASA, WATARU, JP
[71] UNI-CHARM CORPORATION, JP
[22] 2001-05-24
[43] 2001-11-30
[30] JP (2000-161418) 2000-05-31

[21] **2,348,342**
[13] A1

[51] **Int.Cl. 7F02C 9/00**
[25] EN
[54] **SURGE DETECTION SYSTEM OF GAS TURBINE AEROENGINE**
[54] **SYSTEME DE DETECTION DE POMPAGE DE TURBINE A GAZ D'AERONEF**
[72] SUGITANI, YUKINOBU, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2001-05-24
[43] 2001-11-25
[30] JP (2000-154444) 2000-05-25

[21] **2,348,346**
[13] A1

[51] **Int.Cl. 7H01S 3/10**
[25] EN
[54] **MULTI-WAVELENGTH LASERS**
[54] **LASERS A LONGUEURS D'ONDE MULTIPLES**
[72] AHMADVAND, NIMA, CA
[72] HATAMI-HANZA, HAMID, CA
[71] TELLAMON PHOTONIC NETWORKS INC., CA
[22] 2001-05-23
[43] 2001-11-29
[30] CA (2,310,199) 2000-05-29

[21] **2,348,349**
[13] A1

[51] **Int.Cl. 7B65D 43/16**
[25] EN
[54] **CONTAINER FOR FOOD PRODUCTS**
[54] **CONTENANT POUR PRODUITS ALIMENTAIRES**
[72] BUCHER, ANNE, US
[72] GILLIAM, CHERYL M., US
[71] KRAFT FOODS HOLDINGS, INC., US
[22] 2001-05-23
[43] 2001-11-26
[30] US (09/579,661) 2000-05-26

[21] **2,348,351**
[13] A1

[51] **Int.Cl. 7H02K 16/00**
[25] EN
[54] **MODULAR MOTOR AND HOUSING**
[54] **MOTEUR MODULAIRE ET LOGEMENT**
[72] BAILEY, RICK, US
[72] LIU, JOSEPH C., US
[72] SMITH, STEPHEN D., US
[72] FLESHMAN, ROY, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2001-05-23
[43] 2001-11-26
[30] US (09/579,997) 2000-05-26

[21] **2,348,354**
[13] A1

[51] **Int.Cl. 7C08G 18/73 7C09J 175/06 7C08G 18/42 7C08G 18/75**
[25] EN
[54] **POLYURETHANE MOLDING COMPOUND**
[54] **MELANGE A MOULER COMPOSE DE POLYURETHANE**
[72] MUHLFELD, HORST, DE
[72] SCHAUBER, THOMAS, DE
[72] WAGENER, SILKE, DE
[71] CARL FREUDENBERG, DE
[22] 2001-05-24
[43] 2001-11-26
[30] DE (P 10025932.4) 2000-05-26

[21] **2,348,358**
[13] A1

[51] **Int.Cl. 7H04N 1/405**
[25] EN
[54] **HALFTONE IMAGE REPRODUCTION**
[54] **REPRODUCTION D'IMAGES EN SIMILI**
[72] GERSHONY, MOSHE, IL
[71] CREOSCITEX CORPORATION LTD., IL
[22] 2001-05-24
[43] 2001-12-01
[30] US (09/585,123) 2000-06-01

[21] **2,348,362**
[13] A1

[51] **Int.Cl. 7F15B 13/04 7B60G 17/00**
[25] EN
[54] **LOCK-OUT SUSPENSION FOR AN AGRICULTURAL TRACTOR**
[54] **SUSPENSION A BLOCAGE POUR TRACTEUR AGRICOLE**
[72] ROGALA, JEFFREY A., US
[71] HUSCO INTERNATIONAL, INC., US
[22] 2001-05-24
[43] 2001-11-25
[30] US (60/107,068) 2000-05-25

[21] **2,348,368**
[13] A1

[51] **Int.Cl. 7G02F 1/19 7G02B 6/12 7H04B 10/18**
[25] EN
[54] **IMPROVEMENTS IN OR RELATING TO OPTICAL SWITCHING**
[54] **PERFECTIONNEMENTS DE LA COMMUTATION OPTIQUE OU PERFECTIONNEMENTS CONNEXES**
[72] MANSBRIDGE, JOHN, GB
[71] ROKE MANOR RESEARCH LIMITED, GB
[22] 2001-05-22
[43] 2001-11-25
[30] GB (0012614.4) 2000-05-25

[21] **2,348,554**
[13] A1

[51] **Int.Cl. 7G06F 17/60 7E21B 7/04**
[25] EN
[54] **A METHOD FOR PREDICTING THE DIRECTIONAL TENDENCY OF A DRILLING ASSEMBLY IN REAL-TIME**
[54] **UNE METHODE POUR PREVOIR EN TEMPS REEL LA DIRECTION PRISE PAR UN ASSEMBLAGE DE FORAGE**
[72] MCCANN, DOMINIC P., CA
[72] LESSO, WILLIAM, US
[72] CHAU, MINH TRANG, US
[72] REZMER-COOPER, IAIN, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2001-05-25
[43] 2001-11-26
[30] US (09/579,609) 2000-05-26

Canadian Laid-Open Applications
November 25, 2001 - December 1, 2001

[21] **2,348,568**
[13] A1

[51] **Int.Cl. 7G01J 3/18**
[25] EN
[54] **MONOCHROMATOR AND SPECTROMETRIC METHOD**
[54] **MONOCHROMATEUR ET METHODE SPECTROMETRIQUE**
[72] TOKUMOTO, ISAO, JP
[71] ADVANTEST CORPORATION, JP
[22] 2001-05-25
[43] 2001-12-01
[30] JP (2000-164074) 2000-06-01

[21] **2,348,581**
[13] A1

[51] **Int.Cl. 7H05K 3/20**
[25] EN
[54] **LOW LOSS MATERIAL FOR THE MANUFACTURE OF PCB'S AND ANTENNA BOARDS AND A METHOD FOR PRODUCING SAME**
[54] **MATERIAU A FAIBLES PERTES SERVANT A LA FABRICATION DE CARTES IMPRIMEES ET DE CARTES D'ANTENNES ET METHODE DE PRODUCTION DE CE MATERIAU**
[72] OSTROVSKY, VALERY, IL
[71] MTI TECHNOLOGY & ENGINEERING (1993) LTD., IL
[22] 2001-05-25
[43] 2001-11-26
[30] IL (136,386) 2000-05-26
[30] US (09/599,173) 2000-06-22
[30] US (09/859,933(CIP)) 2001-05-17

[21] **2,348,608**
[13] A1

[51] **Int.Cl. 7H04L 12/56**
[25] EN
[54] **A METHOD OF TRANSMITTING SYNCHRONOUS TRANSPORT MODULES VIA A SYNCHRONOUS TRANSPORT NETWORK**
[54] **METHODE DE TRANSMISSION DE MODULES DE TRANSPORT SYNCHRONES PAR UN RESEAU DE TRANSPORT SYNCHRONE**
[72] HEUER, VOLKMAR, DE
[71] ALCATEL, FR
[22] 2001-05-25
[43] 2001-11-26
[30] EP (00 440 160.0) 2000-05-26

[21] **2,348,662**
[13] A1

[51] **Int.Cl. 7H02K 29/14**
[25] EN
[54] **MOTOR ARRANGEMENT**
[54] **ENSEMBLE MOTEUR**
[72] REICH, HARALD, DE
[72] KARWATH, ARNO, DE
[72] ENGEL, WOLFGANG, DE
[71] PAPST-MOTOREN GMBH & CO. KG, DE
[22] 2001-05-24
[43] 2001-11-27
[30] DE (200 09 553.6) 2000-05-27

[21] **2,348,680**
[13] A1

[51] **Int.Cl. 7F24C 15/10 7F21V 33/00**
[25] EN
[54] **LIGHT RING DISPLAY FOR COOKTOP**
[54] **ANNEAU-LUMIERE POUR SURFACE DE CUISSON**
[72] DAERENDINGER, HANS, US
[72] PLATT, NILS, US
[71] BSH HOME APPLIANCES CORPORATION, US
[22] 2001-05-24
[43] 2001-11-26
[30] US (09/579,387) 2000-05-26

[21] **2,348,692**
[13] A1

[51] **Int.Cl. 7A63B 23/20**
[25] FR
[54] **SONDE INTRA-VAGINALE D'AUTO-REEDUCATION PERINEALE**
[54] **INTRA-VAGINAL PROBE FOR PERINEAL AUTO-THERAPY**
[72] JUDE, PATRICK, FR
[71] HOME MEDICAL SERVICE H.M.S., FR
[22] 2001-05-25
[43] 2001-11-26
[30] FR (00/06729) 2000-05-26

[21] **2,348,700**
[13] A1

[51] **Int.Cl. 7H03M 13/05 7H04L 1/22**
[25] EN
[54] **HIGH-PERFORMANCE ERROR-CORRECTING CODES WITH SKEW MAPPING**
[54] **CODES DE CORRECTION D'ERREURS A HAUT RENDEMENT UTILISANT LA REPRESENTATION D'ASYMETRIE**
[72] HUNT, ANDREW W., CA
[72] GUINAND, PAUL, CA
[72] LODGE, JOHN, CA
[71] HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF INDUSTRY THROUGH THE COMMUNICATIONS RESEARCH CENTRE, CA
[22] 2001-05-25
[43] 2001-11-26
[30] US (60/207,195) 2000-05-26

[21] **2,348,731**
[13] A1

[51] **Int.Cl. 7H04B 10/06**
[25] EN
[54] **SIGNAL INPUT CUTOFF DETECTOR, PHOTO RECEIVER AND SIGNAL INPUT CUTOFF DETECTING METHOD**
[54] **DETECTEUR DE COUPURE DE SIGNAUX D'ENTREE, RECEPTEUR OPTIQUE ET METHODE DE DETECTION DE COUPURE DE SIGNAUX D'ENTREE**
[72] KURIYAMA, TAKASHI, JP
[72] MATSUMOTO, YOSHIHIRO, JP
[72] TACHIGORI, MASASHI, JP
[72] HONMA, YOSHINORI, JP
[71] NEC CORPORATION, JP
[22] 2001-05-25
[43] 2001-11-26
[30] JP (2000-155797) 2000-05-26

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[21] **2,348,752**
[13] A1

[51] **Int.Cl. 7B42D 15/08**
[25] EN
[54] **COMBINATION POSTCARD-BUSINESS CARD/ROTARY CARD MAILER SYSTEMS AND METHODS**
[54] **SYSTEMES ET METHODES DE FEUILLETS PUBLIPOSTAUX A CARTES POSTALES/CARTES D’AFFAIRES ET FICHES ROTATIVES COMBINEES**
[72] FENG, JENNY C., US
[72] GLENN, TRACEY L., US
[72] SPERL, PETER, DE
[72] DOYON, RICHARD ANDREW, US
[71] AVERY DENNISON CORPORATION, US
[22] 2001-05-25
[43] 2001-11-26
[30] US (60/207,493) 2000-05-26

[21] **2,348,760**
[13] A1

[51] **Int.Cl. 7A63D 15/12**
[25] EN
[54] **BILLIARD, SNOOKER AND POOL CUE SHAFT**
[54] **FLECHE DE QUEUE DE BILLARD, DE SNOOKER ET DE BILLARD POOL**
[72] ANDREWS, JOHN W., CA
[71] ANDREWS, JOHN W., CA
[22] 2001-05-25
[43] 2001-11-25
[30] CA (2,309,622) 2000-05-25

[21] **2,348,797**
[13] A1

[51] **Int.Cl. 7F24C 3/08 7F24C 15/10 7F24C 3/14**
[25] FR
[54] **RECHAUD A GAZ COMPORTANT DES ELEMENTS DE SUPPORT ESCAMOTABLES**
[54] **GAS STOVE WITH RETRACTABLE SUPPORT ELEMENTS**
[72] CHAMPION, MARC, FR
[72] HUGUET, ALAIN, FR
[71] APPLICATION DES GAZ, FR
[22] 2001-05-23
[43] 2001-11-26
[30] FR (00 06792) 2000-05-26

[21] **2,348,798**
[13] A1

[51] **Int.Cl. 7H04N 1/40 7H04N 3/15**
[25] FR
[54] **DISPOSITIF ET PROCEDE D’ANALYSE D’UN OU DE PLUSIEURS SIGNAUX A GRANDE DYNAMIQUE**
[54] **DEVICE AND PROCESS FOR ANALYSING ONE OR MORE SIGNALS WITH WIDE DYNAMIC RANGE**
[72] PASTRE, JEAN-LUC, FR
[71] THOMSON-CSF, FR
[22] 2001-05-23
[43] 2001-11-26
[30] FR (00 06764) 2000-05-26

[21] **2,348,800**
[13] A1

[51] **Int.Cl. 7B01D 53/047 7A61M 15/00**
[25] FR
[54] **CONCENTRATEUR D’OXYGENE PORTABLE**
[54] **PORTABLE OXYGEN CONCENTRATOR**
[72] BODELIN, PIERRE, FR
[72] VIGOR, XAVIER, FR
[72] DUBOIS, ANNE, FR
[71] L’AIR LIQUIDE, SOCIETE ANONYME POUR L’ETUDE ET L’EXPLOITATION DES PROCED ES GEORGES CLAUDE, FR
[71] AIR LIQUIDE SANTÉ (INTERNATIONAL), FR
[22] 2001-05-23
[43] 2001-11-25
[30] FR (0006697) 2000-05-25

[21] **2,348,801**
[13] A1

[51] **Int.Cl. 7A45D 40/26**
[25] FR
[54] **DISPOSITIF POUR L’APPLICATION D’UN PRODUIT, COSMETIQUE OU DE SOIN, SUR LES FIBRES KERATINIQUES, NOTAMMENT LES CILS OU LES SOURCILS**
[54] **DEVICE FOR APPLYING A COSMETIC OR CARE PRODUCT ONTO KERATIN FIBRES, SUCH AS EYELASHES OR EYEBROWS**
[72] GUERET, JEAN-LOUIS, FR
[71] L’OREAL, FR
[22] 2001-05-24
[43] 2001-11-26
[30] FR (00 06 770) 2000-05-26

[21] **2,348,803**
[13] A1

[51] **Int.Cl. 7H03D 7/14 7H04B 1/28**
[25] FR
[54] **MELANGEUR DOUBLEMENT EQUILIBRE EN TECHNOLOGIE MMIC**
[54] **MMIC DOUBLE BALANCED MIXER**
[72] VILLEMASET, JEAN-FRANCOIS, FR
[72] ROGEAUX, ERIC, FR
[71] ALCATEL, FR
[22] 2001-05-24
[43] 2001-11-25
[30] FR (00 06 692) 2000-05-25

[21] **2,348,804**
[13] A1

[51] **Int.Cl. 7G01V 3/38 7G06F 19/00**
[25] FR
[54] **METHODE POUR MODELISER DES ECOULEMENTS DANS UN MILIEU FRACTURE TRAVERSE PAR DE GRANDES FRACTURES**
[54] **METHOD FOR MODELLING FLOWS IN A FRACTURED ENVIRONMENT TRAVERSED BY MAJOR FRACTURES**
[72] MANCEAU, EMMANUEL, FR
[72] SARDA, SYLVAIN, FR
[72] COSENTINO, LUCA, FR
[72] BOURBIAUX, BERNARD, FR
[72] CACAS, MARIE-CHRISTINE, FR
[71] INSTITUT FRANCAIS DU PETROLE, FR
[22] 2001-05-24
[43] 2001-11-26
[30] FR (00 06 874) 2000-05-26

[21] **2,348,806**
[13] A1

[51] **Int.Cl. 7F16H 9/26 7B60K 17/08**
[25] EN
[54] **CONTINUOUSLY VARIABLE POWER SPLIT TRANSMISSION (CVPST) SYSTEM FOR USE IN A HYBRID VEHICLE**
[54] **SYSTEME DE TRANSMISSION A DIVISION DE PUISSANCE VARIABLE POUR ETRE UTILISE DANS UN VEHICULE HYBRIDE**
[72] KMICKIEWICZ, MAREK, CA
[71] CKE TECHNOLOGIES INC., CA
[22] 2001-05-25
[43] 2001-11-26
[30] CA (2,309,759) 2000-05-26

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[21] **2,348,807**
[13] A1
[51] **Int.Cl. 7A45D 40/26**
[25] FR
[54] **DISPOSITIF POUR
L'APPLICATION D'UN PRODUIT
COSMETIQUE OU DE SOIN SUR LES
FIBRES KERATINIQUES,
NOTAMMENT LES CILS OU LES
SOURCILS**
[54] **DEVICE FOR APPLYING A
COSMETIC OR CARE PRODUCT ONTO
KERATIN FIBRES, SUCH AS
EYELASHES OR EYEBROWS**
[72] GUERET, JEAN-LOUIS, FR
[71] L'OREAL, FR
[22] 2001-05-24
[43] 2001-11-26
[30] FR (00 06 769) 2000-05-26

[21] **2,348,812**
[13] A1
[51] **Int.Cl. 7F01C 21/04 7F01C 21/10
7F02B 53/14**
[25] EN
[54] **ROTARY PISTON ENGINE**
[54] **MOTEUR A PISTON ROTATIF**
[72] EIERMANN, DANKWART, DE
[71] BRANDENBURGISCHE
FORSCHUNGS- UND
ENTWICKLUNGSGESELLSCHAFT
COTTBUS MBH, DE
[22] 2001-05-25
[43] 2001-11-27
[30] DE (100 26 447.6) 2000-05-27

[21] **2,348,813**
[13] A1
[51] **Int.Cl. 7F01C 21/10 7F02B 55/08**
[25] EN
[54] **TROCHOIDAL ROTARY PISTON
ENGINE**
[54] **MOTEUR TROCHOIDAL A
PISTON ROTATIF**
[72] EIERMANN, DANKWART, DE
[71] BRANDENBURGISCHE
FORSCHUNGS- UND
ENTWICKLUNGSGESELLSCHAFT
COTTBUS MBH, DE
[22] 2001-05-25
[43] 2001-11-27
[30] DE (100 26 448.4) 2000-05-27

[21] **2,348,814**
[13] A1
[51] **Int.Cl. 7F16K 31/06 7F15C 3/02**
[25] EN
[54] **VARIABLE PRESSURE SOLENOID
CONTROL VALVE**
[54] **ELECTROBINET A PRESSION
VARIABLE**
[72] DOUGLASS, JOHN MICHAEL, US
[72] CHRISTENSEN, PAUL ANDERS, US
[71] ACUTEX, INC., US
[22] 2001-05-25
[43] 2001-11-26
[30] US (09/579,546) 2000-05-26

[21] **2,348,815**
[13] A1
[51] **Int.Cl. 7D21H 23/20**
[25] EN
[54] **A PROCESS AND A FLUFFER
DEVICE FOR TREATMENT OF A
FIBER STOCK SUSPENSION**
[54] **PROCESSUS ET DISPOSITIF
PELUCHEUR PERMETTANT DE
TRAITER LES FIBRES EN
SUSPENSION**
[72] WITEK, WERNER, DE
[72] MATZ, J. RORERT, DE
[72] DOLLE, KAUS, DE
[72] RHEIMS, JORG, DE
[72] SHAWN, FLANIGAN, DE
[72] HEISE, OLIVER, DE
[71] VOITH PAPER PATENT GMBH, DE
[22] 2001-05-25
[43] 2001-11-26
[30] DE (10026304.5) 2000-05-26
[30] DE (10033805.4) 2000-07-12

[21] **2,348,817**
[13] A1
[51] **Int.Cl. 7F01C 21/04 7F01C 21/06**
[25] EN
[54] **ROTARY PISTON ENGINE**
[54] **MOTEUR A PISTON ROTATIF**
[72] EIERMANN, DANKWART, DE
[71] BRANDENBURGISCHE
FORSCHUNGS- UND
ENTWICKLUNGSGESELLSCHAFT
COTTBUS MBH, DE
[22] 2001-05-25
[43] 2001-11-27
[30] DE (100 26 449.2) 2000-05-27

[21] **2,348,820**
[13] A1
[51] **Int.Cl. 7C08L 67/03 7C08L 77/00
7C08L 31/04 7C08L 23/06 7C08L 23/12**
[25] EN
[54] **MODIFIED THERMOPLASTIC
COMPOSITION AND METHOD OF
PRODUCTION OF SAME**
[54] **COMPOSITION DE MATIERE
THERMOPLASTIQUE MODIFIEE ET
METHODE POUR SA PRODUCTION**
[72] DONEY, GRANT W., CA
[71] DONEY, GRANT W., CA
[22] 2001-05-25
[43] 2001-11-26
[30] CA (2,309,508) 2000-05-26

[21] **2,348,826**
[13] A1
[51] **Int.Cl. 7A61G 7/00 7A61G 7/018**
[25] EN
[54] **HEIGHT ADJUSTABLE MEDICAL
BED INCLUDING INTERMEDIATE
UPPER AND LOWER STOP POSITIONS**
[54] **LIT D'HOPITAL REGLABLE EN
HAUTEUR COMPRENANT DES
POSITIONS D'ARRET
INTERMEDIAIRES SUPERIEURES ET
INFERIEURES**
[72] PAUL, GERALD S., US
[71] PAUL, GERALD S., US
[22] 2001-05-25
[43] 2001-11-30
[30] US (60/207,883) 2000-05-30

[21] **2,348,832**
[13] A1
[51] **Int.Cl. 7A47G 19/22 7B29C 49/06**
[25] EN
[54] **INJECTION BLOW-MOLDED
DISPOSABLE TUMBLER AND
METHOD OF MAKING SAME**
[54] **TAMBOUR JETABLE SOUFFLE
PAR INJECTION ET METHODE POUR
SA FABRICATION**
[72] WEIGERT, BRIGITTE K., US
[72] THOMAS, MICHAEL G., CA
[72] MCCARTHY, DONALD C., US
[72] SANDSTROM, ERLAND R., US
[72] FREEK, MICHAEL A., CA
[71] FORT JAMES CORPORATION, US
[22] 2001-05-25
[43] 2001-11-26
[30] US (09/579,741) 2000-05-26

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25 novembre 2001 - 1 décembre 2001

[21] **2,348,834**
[13] A1

[51] **Int.Cl. 7C21D 7/06 7C22F 3/00 7B21D 31/06**
[25] EN
[54] **DEVICE FOR ULTRASONIC PEENING OF METALS**
[54] **DISPOSITIF POUR LE MARTELAGE AUX ULTRASONS DE METAUX**
[72] KUDRYAVTSEV, YURII F., CA
[72] KNYSH, VITALY V., UA
[72] KLEIMAN, JACOB I., CA
[72] MICHEEV, PAVEL P., UA
[72] KOZLOV, OTEKSANDR I., UA
[72] PROKOPENKO, GEORGE I, UA
[71] KUDRYAVTSEV, YURII F., CA
[71] KNYSH, VITALY V., UA
[71] KLEIMAN, JACOB I., CA
[71] MICHEEV, PAVEL P., UA
[71] KOZLOV, OTEKSANDR I., UA
[71] PROKOPENKO, GEORGE I, UA
[22] 2001-05-29
[43] 2001-11-30
[30] UA (2000053096) 2000-05-30

[21] **2,348,836**
[13] A1

[51] **Int.Cl. 7A23K 1/22 7A23K 1/16**
[25] EN
[54] **FEED FOR LIVESTOCK**
[54] **ALIMENTS DU BETAIL**
[72] SHINZATO, IZURU, JP
[72] SATO, HIROYUKI, JP
[72] TORIDE, YASUHIKO, JP
[72] TAKEUCHI, MAKOTO, JP
[71] AJINOMOTO CO., INC., JP
[22] 2001-05-25
[43] 2001-11-26
[30] JP (2000-155826) 2000-05-26

[21] **2,348,846**
[13] A1

[51] **Int.Cl. 7B22D 11/124**
[25] EN
[54] **WATER COOLING SYSTEM FOR CONTINUOUS CASTING EQUIPMENT**
[54] **SYSTEME DE REFROIDISSEMENT PAR EAU POUR MACHINE A MOULAGE CONTINU**
[72] STEEN, IDAR KJETIL, NO
[72] HEKTOEN, LEIF, NO
[72] SAETHER, TORSTEIN, NO
[71] NORSK HYDRO ASA, NO
[22] 2001-05-25
[43] 2001-11-26
[30] NO (20002723) 2000-05-26

[21] **2,348,847**
[13] A1

[51] **Int.Cl. 7C07D 413/14 7A61P 9/00 7A61P 35/00 7C07D 413/04 7C07D 261/16 7A61K 31/42 7A61K 31/506**
[25] EN
[54] **NEW ISOXAZOLE-SULFONAMIDE ENDOTHELIN ANTAGONISTS**
[54] **NOUVEAUX ANTAGONISTES DE L'ENDOTHELINE A BASE D'ISOXAZOLE ET DE SULFONAMIDE**
[72] CHUBB, NATHAN ANTHONY LOGAN, GB
[72] PACEY, MICHAEL STEPHEN, GB
[72] BANKS, BERNARD JOSEPH, GB
[72] SCHULZ, DARREN JOHN, GB
[72] ESHELBY, JAMES JOHN, GB
[71] PFIZER INC., US
[22] 2001-05-25
[43] 2001-11-30
[30] GB (0013368.6) 2000-05-31
[30] GB (0018356.6) 2000-07-26

[21] **2,348,856**
[13] A1

[51] **Int.Cl. 7B64C 27/02 7B64C 27/52**
[25] EN
[54] **ROTOR CONTROL WITH NEGATIVE COLLECTIVE IN HIGH SPEED AUTO-ROTATION**
[54] **COMMANDE DE ROTOR AVEC PAS COLLECTIF NEGATIF EN AUTOROTATION A REGIME ELEVE**
[72] CARTER, JAY W., JR., US
[71] CARTERCOPTERS, LLC, US
[22] 2001-05-25
[43] 2001-11-25
[30] US (60/207,025) 2000-05-25

[21] **2,348,857**
[13] A1

[51] **Int.Cl. 7A01F 15/07**
[25] EN
[54] **BALE WRAPPING SUPPLY ROLL HANDLING ARRANGEMENT**
[54] **DISPOSITIF DE MANUTENTION DE ROULEAU D'ENRUBANNAGE DE BALLE**
[72] LUCAND, PHILIPPE, FR
[72] HUCHET, PIERRE-PHILIPPE, FR
[71] DEERE & COMPANY, US
[22] 2001-05-25
[43] 2001-11-25
[30] DE (100 26 066.7) 2000-05-25

[21] **2,348,858**
[13] A1

[51] **Int.Cl. 7H01M 4/04 7H01G 9/058**
[25] EN
[54] **ELECTRODE STRUCTURE, BATTERY AND ELECTRICAL DOUBLE-LAYER CAPACITOR AND METHOD OF MANUFACTURING SAME**
[54] **STRUCTURE D'ELECTRODE, BATTERIE ET CONDENSATEUR ELECTRIQUE A DOUBLE COUCHE AINSI QUE METHODE DE FABRICATION APPROPRIEE**
[72] SATO, TAKAYA, JP
[72] SHIMIZU, TATSUO, JP
[71] ITOCHU CORPORATION, JP
[71] NISSHINBO INDUSTRIES, INC., JP
[22] 2001-05-29
[43] 2001-12-01
[30] JP (2000-164947) 2000-06-01

[21] **2,348,941**
[13] A1

[51] **Int.Cl. 7H03M 13/27 7H04B 1/66**
[25] EN
[54] **METHOD AND SYSTEM FOR HIGH-SPREAD HIGH-DISTANCE INTERLEAVING FOR TURBO-CODES**
[54] **METHODE ET SYSTEME D'IMBRICATION DE TURBO-CODES A ETALEMENT ET A DISTANCE ELEVES**
[72] CROZIER, STEWART N., US
[71] HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF INDUSTRY THROUGH THE COMMUNICATIONS RESEARCH CENTRE, CA
[22] 2001-05-25
[43] 2001-11-26
[30] US (60/207,195) 2000-05-26

[21] **2,348,949**
[13] A1

[51] **Int.Cl. 7A01B 73/02**
[25] EN
[54] **HARVESTING APPARATUS**
[54] **EQUIPEMENT DE RECOLTE**
[72] HOCKENBECK, LEO SCHULZE, DE
[71] MASCHINENFABRIK KEMPER GMBH & CO KG, DE
[22] 2001-05-25
[43] 2001-11-27
[30] DE (100 26 500.6) 2000-05-27

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[21] **2,348,963**
[13] A1

[51] **Int.Cl. 7A61M 5/178 7A61M 5/32 7A61M 5/50**
[25] EN
[54] **FLUID HANDLING AND ACCESS DEVICE**
[54] **DISPOSITIF D'ACCES A DES LIQUIDES ET DE DEPLACEMENT DE CEUX-CI**
[72] GOLDSTEIN, CHARLES, US
[72] CIPOLETTI, ROBERT K., US
[71] BECTON, DICKINSON AND COMPANY, US
[22] 2001-05-28
[43] 2001-11-30
[30] US (09/584,452) 2000-05-31

[21] **2,348,964**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **A METHOD AND SYSTEM FOR PROVIDING MULTI-ORGANIZATION RESOURCE MANAGEMENT**
[54] **METHODE ET SYSTEME PERMETTANT LA GESTION DE RESSOURCES MULTI-ORGANISATIONNELLES**
[72] WHITLEY, KEVIN, US
[72] ADAMS, NORMAN, US
[72] RHEE, JIM, US
[71] ARIBA, INC., US
[22] 2001-05-28
[43] 2001-11-26
[30] US (60/207,314) 2000-05-26

[21] **2,348,966**
[13] A1

[51] **Int.Cl. 7C07F 5/04 7C10M 105/78**
[25] EN
[54] **IONIC LIQUIDS**
[54] **LIQUIDES IONIQUES**
[72] HEIDER, UDO, DE
[72] SCHMIDT, MICHAEL, DE
[72] HILARIUS, VOLKER, DE
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE
[22] 2001-05-28
[43] 2001-11-30
[30] DE (100 26 565.0) 2000-05-30

[21] **2,348,972**
[13] A1

[51] **Int.Cl. 7A61F 2/01 7A61M 1/36**
[25] EN
[54] **ACTIVE ARTERIAL EMBOLIZATION FILTER**
[54] **FILTRE ACTIF POUR EMBOLISATION ARTERIELLE**
[72] RICHTER, JACOB, IL
[71] ZULI HOLDINGS LTD., IL
[22] 2001-05-28
[43] 2001-11-30
[30] US (09/583,363) 2000-05-30

[21] **2,348,980**
[13] A1

[51] **Int.Cl. 7B63B 35/73**
[25] EN
[54] **PERSONAL WATERCRAFT**
[54] **EMBARCATION MOTORISEE**
[72] ADAMCZYK, RICK, US
[72] ASELTON, RON, US
[72] KALHOK, DAVID, US
[71] BOMBARDIER MOTOR CORPORATION OF AMERICA, US
[22] 2001-05-28
[43] 2001-11-26
[30] US (60/207,238) 2000-05-26

[21] **2,348,986**
[13] A1

[51] **Int.Cl. 7A63G 31/00**
[25] EN
[54] **PULL-ROPE ACTUATED PLAY STRUCTURE**
[54] **STRUCTURE DE JEUX ACTIONNEE PAR CABLE DE TRACTION**
[72] BROWN, KARIN, US
[72] BRIGGS, RICK A., US
[72] FRANTZ, EDWARD JAMES III, US
[71] KOALA CORPORATION, US
[22] 2001-05-28
[43] 2001-11-26
[30] US (60/207,621) 2000-05-26

[21] **2,348,987**
[13] A1

[51] **Int.Cl. 7B08B 11/00 7B08B 1/00**
[25] EN
[54] **A METHOD OF TREATING A SMOOTH-TOP KITCHEN CERAMIC OR GLASS CERAMIC COOKTOP COOKING SURFACE OF A SMOOTH-TOP KITCHEN CERAMIC OR GLASS CERAMIC COOKTOP OR A STOVE HAVING A CERAMIC OR GLASS CERAMIC COOKTOP COOKING SURFACE, AND A DEVICE THEREFOR**
[54] **METHODE DE TRAITEMENT D'UNE SURFACE DE CUISSON LISSE DE CUISINE EN CERAMIQUE OU EN VITROCERAMIQUE OU D'UNE CUISINIERE AYANT UNE SURFACE DE CUISSON EN CERAMIQUE OU EN VITROCERAMIQUE, ET DISPOSITIF CONNEXE**
[72] SCHULTHEIS, BERND, DE
[72] DE WITZMANN, MONICA, DE
[71] SCHOTT GLAS, DE
[22] 2001-05-28
[43] 2001-11-30
[30] DE (100 26 824.2-15) 2000-05-30

[21] **2,349,015**
[13] A1

[51] **Int.Cl. 7B65D 75/36**
[25] EN
[54] **BLISTER PACKS**
[54] **EMBALLAGES A BULLES**
[72] LOGAN, ALAN GEORGE, AU
[72] GOULD, PHILLIP JOHN, AU
[71] CETRAM PTY. LIMITED, AU
[22] 2001-05-28
[43] 2001-11-29
[30] AU (37769/00) 2000-05-29

[21] **2,349,019**
[13] A1

[51] **Int.Cl. 7G06G 7/16 7H03F 3/04 7H03F 3/45**
[25] EN
[54] **ANALOG MULTIPLYING CIRCUIT AND VARIABLE GAIN AMPLIFYING CIRCUIT**
[54] **CIRCUIT MULTIPLICATEUR ANALOGIQUE ET CIRCUIT AMPLIFICATEUR A GAIN VARIABLE**
[72] AMANO, YASUHIRO, JP
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[22] 2001-05-29
[43] 2001-11-30
[30] JP (2000-160841) 2000-05-30

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[21] **2,349,023**
[13] A1

[51] **Int.Cl. 7A61F 2/06 7A61B 17/12**
[25] EN
[54] **SMALL DIAMETER EMBOLIC COIL HYDRAULIC DEPLOYMENT SYSTEM**
[54] **SYSTEME DE DEPLOIEMENT HYDRAULIQUE DE SPIRE METALLIQUE A PETIT DIAMETRE POUR EMBOLISATION**
[72] HIESHIMA, GRANT, US
[72] LULO, ROBERT, US
[71] CORDIS NEUROVASCULAR, INC., US
[22] 2001-05-29
[43] 2001-11-30
[30] US (09/580,684) 2000-05-30

[21] **2,349,043**
[13] A1

[51] **Int.Cl. 7C12Q 1/02 7G06F 19/00 7G01N 21/25 7G01N 33/48**
[25] EN
[54] **SYSTEM AND METHOD FOR ANALYZING ANTIBIOTIC SUSCEPTIBILITY OF BIOLOGICAL SAMPLES**
[54] **SYSTEME ET METHODE POUR ANALYSER LA SENSIBILITE D'ECHANTILLONS BIOLOGIQUES AUX ANTIBIOTIQUES**
[72] TURNER, DAVID J., US
[72] WILES, TIMOTHY M., US
[72] O'CONNELL, MICHAEL A., US
[72] PARMIGIANI, GIOVANNI, US
[72] CLYDE, MERLISE, US
[71] BECTON, DICKINSON AND COMPANY, US
[22] 2001-05-28
[43] 2001-11-30
[30] US (09/583,891) 2000-05-31

[21] **2,349,046**
[13] A1

[51] **Int.Cl. 7A63F 13/00 7G06F 19/00 7A63F 9/24**
[25] EN
[54] **GAME CARD AND GAME SYSTEM USING A GAME MACHINE**
[54] **CARTE ET SYSTEME DE JEU UTILISANT UNE MACHINE A SOUS DE TYPE RECREATIF**
[72] TANIMURA, MASAYOSHI, JP
[72] ISHIHARA, TSUNEKAZU, JP
[71] NINTENDO CO., LTD., JP
[71] CREATURES INC., JP
[22] 2001-05-28
[43] 2001-11-29
[30] JP (2000-158754) 2000-05-29

[21] **2,349,054**
[13] A1

[51] **Int.Cl. 7B65G 61/00**
[25] EN
[54] **ARTICLE TRANSFER APPARATUS D'ARTICLES**
[72] SIMPSON MAHONEY, DONALD, AU
[71] BECFAB EQUIPMENT PTY LTD., AU
[22] 2001-05-29
[43] 2001-11-29
[30] AU (PQ7809) 2000-05-29

[21] **2,349,057**
[13] A1

[51] **Int.Cl. 7C12P 17/00 7C12P 11/00 7C12P 13/00**
[25] EN
[54] **ENZYMATIC OXIDATIONS**
[54] **OXYDATIONS ENZYMATIQUES**
[72] PACEY, MICHAEL STEPHEN, GB
[71] PFIZER INC., US
[22] 2001-05-29
[43] 2001-11-30
[30] GB (0013368.6) 2000-05-31

[21] **2,349,058**
[13] A1

[51] **Int.Cl. 7H02J 3/00**
[25] EN
[54] **POWER SUPPLY MODULE AND POWER SUPPLY UNIT USING THE SAME**
[54] **MODULE D'ALIMENTATION ET SYSTEME D'ALIMENTATION UTILISANT CE MODULE**
[72] MURABAYASHI, HARUYASU, JP
[72] HORIE, TAKASHI, JP
[72] TSUBOTA, YASUHIRO, JP
[72] ISOZUMI, MASASHI, JP
[72] OOBA, TSUNETOSHI, JP
[72] MARUMO, KATSUYA, JP
[72] KOBORI, HIDEKI, JP
[72] IRVIN, MIKE, GB
[72] OOTOMO, TAKATOSHI, JP
[72] BRUSSE, THEO, NL
[71] OMRON CORPORATION, JP
[22] 2001-05-28
[43] 2001-11-29
[30] JP (P2000-158617) 2000-05-29
[30] JP (P2000-304602) 2000-10-04
[30] JP (P2001-23489) 2001-01-31
[30] JP (P2001-23490) 2001-01-31

[21] **2,349,060**
[13] A1

[51] **Int.Cl. 7C22B 9/20 7C22B 9/21**
[25] EN
[54] **PROCESS FOR MELTING SPONGE IRON AND ELECTRIC-ARC FURNACE FOR CARRYING OUT THE PROCESS**
[54] **PROCEDE DE FUSION D'EPONGES DE FER ET FOUR A ARC ELECTRIQUE POUR MENER A BIEN CE PROCEDE**
[72] MITTAG, PETER, AT
[72] BERGER, HARALD, AT
[71] VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH & CO., AT
[22] 2001-05-29
[43] 2001-11-30
[30] AT (A 964/2000) 2000-05-31

[21] **2,349,063**
[13] A1

[51] **Int.Cl. 7C08F 110/14 7C10M 107/10**
[25] EN
[54] **PROCESS FOR PRODUCING A POLYMER OF AN AE-OLEFIN AND LUBRICANT**
[54] **PROCEDE DE PRODUCTION D'UN POLYMER D'OLEFINE ET LUBRIFIANT**
[72] EGAWA, TATSUYA, JP
[72] MINAMI, YUTAKA, JP
[71] IDEMITSU KOSAN CO., LTD., JP
[71] IDEMITSU PETROCHEMICAL CO., LTD., JP
[22] 2001-05-29
[43] 2001-11-30
[30] JP (2000-160355) 2000-05-30

[21] **2,349,065**
[13] A1

[51] **Int.Cl. 7G07B 15/00 7G08C 17/02**
[25] EN
[54] **ELECTRONIC TOOL COLLECTION SYSTEM FOR TOLL ROAD**
[54] **SYSTEME DE PERCEPTION ELECTRONIQUE POUR ROUTE A PEAGE**
[72] FUYAMA, SEIJI, JP
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[22] 2001-05-28
[43] 2001-11-29
[30] JP (2000-158749) 2000-05-29

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[21] **2,349,073**
[13] A1

[51] **Int.Cl. 7B23K 31/02**
[25] EN
[54] **HYBRID ARC/LASER WELDING WITH EARTH CONTACTOR POSITION CONTROL**
[54] **SOUDAGE HYBRIDE A L'ARC ET AU LASER AVEC CONTROLE DE LA POSITION DE LA MISE A LA TERRE**
[72] LEFEBVRE, PHILIPPE, FR
[72] BONNET, CHRISTIAN, FR
[72] FORTAIN, JEAN-MARIE, FR
[71] LA SOUDURE AUTOGENE FRANCAISE, FR
[71] L' AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED ES GEORGES CLAUDE, FR
[22] 2001-05-28
[43] 2001-11-30
[30] FR (00 07012) 2000-05-31

[21] **2,349,077**
[13] A1

[51] **Int.Cl. 7B27K 5/00**
[25] EN
[54] **METHOD FOR HANDLING AND PROCESSING SHORT WOOD PLANKS**
[54] **METHODE DE MANUTENTION ET DE TRAITEMENT DE COURTES PLANCHES DE BOIS**
[72] GRENIER, GILLES, CA
[71] GRENIER, GILLES, CA
[22] 2001-05-30
[43] 2001-12-01
[30] US (09/584,540) 2000-06-01

[21] **2,349,079**
[13] A1

[51] **Int.Cl. 7B23K 31/02**
[25] EN
[54] **HYBRID ELECTRIC-ARC/LASER WELDING PROCESS ESPECIALLY FOR THE WELDING OF PIPES OR MOTOR-VEHICLE COMPONENTS**
[54] **PROCESSUS HYBRIDE DE SOUDAGE A L'ARC ELECTRIQUE/PAR LASER, NOTAMMENT POUR LE SOUDAGE DE TUYAUX OU DE COMPOSANTS DE VEHICULES A MOTEUR**
[72] BRIAND, FRANCIS, FR
[72] BONNET, CHRISTIAN, FR
[71] L' AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED ES GEORGES CLAUDE, FR
[71] LA SOUDURE AUTOGENE FRANCAISE, FR
[22] 2001-05-28
[43] 2001-11-30
[30] FR (00 07014) 2000-05-31

[21] **2,349,080**
[13] A1

[51] **Int.Cl. 7B23K 31/02**
[25] EN
[54] **APPLICATION OF A HYBRID ARC/LASER PROCESS TO THE WELDING OF PIPE**
[54] **APPLICATION D'UN PROCESSUS HYBRIDE POUR LE SOUDAGE DE TUYAUX A L'ARC/PAR LASER**
[72] BONNET, CHRISTIAN, FR
[72] BRIAND, FRANCIS, FR
[71] L' AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED ES GEORGES CLAUDE, FR
[71] LA SOUDURE AUTOGENE FRANCAISE, FR
[22] 2001-05-28
[43] 2001-11-30
[30] FR (00 07010) 2000-05-31

[21] **2,349,082**
[13] A1

[51] **Int.Cl. 7H01J 61/36 7H01J 17/18**
[25] EN
[54] **METAL HALIDE LAMP WITH CERAMIC DISCHARGE VESSEL**
[54] **LAMPE AUX HALOGENURES AVEC ENCEINTE DE DECHARGE EN CERAMIQUE**
[72] FIDLER, UWE, DE
[72] TWESTEN, KAREN, DE
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUHLAMPEN MBH, DE
[22] 2001-05-30
[43] 2001-11-30
[30] DE (100 26 802.1) 2000-05-31

[21] **2,349,084**
[13] A1

[51] **Int.Cl. 7H04Q 1/18 7H04Q 1/16**
[25] EN
[54] **A SWITCHING SYSTEM**
[54] **SYSTEME DE COMMUTATION**
[72] KELLY, DARACH, IE
[71] PX RESEARCH & DEVELOPMENT LIMITED, IE
[22] 2001-05-30
[43] 2001-11-30
[30] IE (2000/0430) 2000-05-31

[21] **2,349,085**
[13] A1

[51] **Int.Cl. 7G01J 4/00 7G01J 9/00**
[25] EN
[54] **APPARATUS AND METHOD OF MEASURING POLARIZATION MODE DISPERSION, AND RECORDING MEDIUM**
[54] **APPAREIL ET METHODE DE MESURE DE LA DISPERSION DE MODE DE POLARISATION ET SUPPORT D'ENREGISTREMENT**
[72] YAMASHITA, TOMOYU, JP
[71] ADVANTEST CORPORATION, JP
[22] 2001-05-30
[43] 2001-11-30
[30] JP (P2000-160005) 2000-05-30

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25 novembre 2001 - 1 décembre 2001

[21] **2,349,087**
[13] A1

[51] **Int.Cl. 7B65D 81/26**
[25] EN
[54] **LIQUID ABSORBING SHEET FOR AN EXUDING FOOD PRODUCT**
[54] **FEUILLE ABSORBANT LES LIQUIDES DESTINEE A UN PRODUIT EN BOIS SUIJTANT**
[72] LEMAIRE, SYLVIE, CA
[71] FEMPRO INC., CA
[22] 2001-05-30
[43] 2001-11-30
[30] CA (2,309,803) 2000-05-31

[21] **2,349,090**
[13] A1

[51] **Int.Cl. 7H01M 8/04**
[25] EN
[54] **APPARATUS FOR WARMING-UP FUEL CELL**
[54] **APPAREIL DE CHAUFFAGE D'ELEMENT A CARBURANT**
[72] SHIMANUKI, HIROSHI, JP
[72] KOBAYASHI, TOMOKI, JP
[72] NUIYA, YOSHIO, JP
[72] KANAZAWA, TAKUMA, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2001-05-30
[43] 2001-11-30
[30] JP (2000-160098) 2000-05-30
[30] JP (2001-58785) 2001-03-02

[21] **2,349,094**
[13] A1

[51] **Int.Cl. 7G06F 17/50 7A61M 1/14 7G06F 17/60**
[25] EN
[54] **METHOD OF CONFIGURING BLOOD CIRCUIT FOR MEDICAL APPLICATION AND CONFIGURATION APPARATUS THEREFOR**
[54] **METHODE DE CONFIGURATION DE CIRCUIT SANGUIN POUR APPLICATION MEDICALE ET APPAREIL DE CONFIGURATION CONNEXE**
[72] NAKAGAWA, NORIAKI, JP
[72] YOSHINAGA, KUNIO, JP
[72] MAEHAMA, HIROSATO, JP
[71] JMS CO., LTD., JP
[22] 2001-05-30
[43] 2001-12-01
[30] JP (2000-164267) 2000-06-01

[21] **2,349,096**
[13] A1

[51] **Int.Cl. 7H04L 12/16 7G06F 17/60**
[25] EN
[54] **INFORMATION TRANSFER BETWEEN OR AMONG COMMODITY BUSINESSES**
[54] **ECHANGE D'INFORMATION ENTRE DEUX OU PLUSIEURS ENTREPRISES DE PRODUITS AGRICOLES**
[72] HELMS, HAL BRYANT, US
[72] HANSEN, DANA ERIC, US
[72] BRUCK, JEREMY ALAN, US
[71] ISTAG INC., US
[22] 2001-05-29
[43] 2001-11-30
[30] US (60/207,769) 2000-05-30
[30] US (UNKNOWN) 2001-05-24

[21] **2,349,098**
[13] A1

[51] **Int.Cl. 7G01N 33/52 7G01N 31/22**
[25] EN
[54] **ASSAY FOR ALDEHYDE CONTENT**
[54] **DOSAGE DE LA TENEUR EN ALDEHYDE**
[72] WU, WEN H., US
[71] INTEGRATED BIOMEDICAL TECHNOLOGY, INC., US
[22] 2001-05-29
[43] 2001-11-30
[30] US (09/583,050) 2000-05-30
[30] US (09/697,374) 2000-10-26

[21] **2,349,099**
[13] A1

[51] **Int.Cl. 7A21D 2/18 7A21D 13/00 7A21D 8/02 7A21D 2/36**
[25] EN
[54] **BAKERY PRODUCTS CONTAINING STARCH N-ALKENYL SUCCINATE**
[54] **PRODUITS DE BOULANGERIE CONTENANT DU N-ALKENYL SUCCINATE D'AMIDON**
[72] SARNEEL, FRANS JOHAN, NL
[71] CERESTAR HOLDING B.V., NL
[22] 2001-05-30
[43] 2001-11-30
[30] GB (0013078.1) 2000-05-31

[21] **2,349,104**
[13] A1

[51] **Int.Cl. 7B65H 75/08**
[25] EN
[54] **WOODEN SPOOL HELD TOGETHER WITH NOVEL TIE ROD ASSEMBLY AND METHOD OF ASSEMBLING THE SAME BETWEEN A PAIR OF DIES**
[54] **TAMBOUR EN BOIS DONT LES PIECES SONT RETENUES PAR DE NOUVEAUX TIRANTS ET METHODE DE MONTAGE ENTRE UNE PAIRE DE PLAQUES**
[72] GUZZARDO, RICHARD E., US
[72] OPPMANN, EWALD A., US
[72] PETERSON, RICHARD L., US
[72] PIETRUCH, WALTER P., US
[71] J. L. CLARK, INC., US
[22] 2001-05-30
[43] 2001-12-01
[30] US (09/586,667) 2000-06-01

[21] **2,349,106**
[13] A1

[51] **Int.Cl. 7A61H 9/00 7H05B 1/02**
[25] EN
[54] **INFRARED SENSOR FOR HOT TUB SPA HEATING ELEMENT**
[54] **DETECTEUR INFRAROUGE POUR ELEMENT CHAUFFANT DE CUVE THERMALE**
[72] LAFLAMME, BENOIT, CA
[72] AUTHIER, MICHEL, CA
[71] GECKO ELECTRONIQUE, INC., CA
[22] 2001-05-30
[43] 2001-11-30
[30] US (09/584,206) 2000-05-31

[21] **2,349,112**
[13] A1

[51] **Int.Cl. 7E21B 7/04 7E01B 31/06**
[25] EN
[54] **DIRECTIONAL DRILL FOR RAILWAY DRILLING AND METHOD OF USING SAME**
[54] **PERCEUSE POUR FORAGE DIRIGE PAR CHEMINS DE FER ET METHODE D'UTILISATION CONNEXE**
[72] STENE, BERNIE A., CA
[72] DESMARAIS, LIONEL CHARLES, CA
[71] 360 FIBER LTD., CA
[22] 2001-05-28
[43] 2001-11-26
[30] US (09/580,736) 2000-05-26

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[21] **2,349,114**
[13] A1
[51] **Int.Cl. 7A01N 53/10 7A01N 25/18**
[25] EN
[54] **INSECTICIDAL MAT AND HEAT-
TRANSPIRATION INSECTICIDAL
METHOD USING THE SAME**
[54] **MAT INSECTICIDE ET METHODE
INSECTICIDE DE TRANSPIRATION
THERMIQUE BASEE SUR CELUI-CI**
[72] KISHI, MIE, JP
[72] KATSUDA, YOSHIO, JP
[72] NAKAYAMA, KOJI, JP
[71] DAINIHON JOCHUGIKU CO., LTD.,
JP
[22] 2001-05-29
[43] 2001-11-30
[30] JP (2000-162861) 2000-05-31
[30] JP (2001-140096) 2001-05-10

[21] **2,349,118**
[13] A1
[51] **Int.Cl. 7B01J 23/22 7C07C 11/02
7C07C 5/333 7C07C 15/46**
[25] EN
[54] **PROCESS FOR THE
PREPARATION OF CATALYTIC
SYSTEMS FOR THE OXIDATIVE
DEHYDROGENATION OF
ALKYLAROMATICS OR PARAFFINS**
[54] **METHODE DE PREPARATION DE
SYSTEMES CATALYTIQUES POUR LA
DESHYDROGENATION OXYDANTE
DE COMPOSES AROMATIQUES
ALKYLES OU D'ALCANES**
[72] INGALLINA, PATRIZIA, IT
[72] DEL PIERO, GASTONE, IT
[72] PEREGO, CARLO, IT
[72] CARLUCCIO, LUCIANO, IT
[72] ASSANDRI, FABIO, IT
[71] ENICHEM S.P.A., IT
[71] ENITECNOLOGIE S.P.A., IT
[22] 2001-05-29
[43] 2001-12-01
[30] IT (MI2000A 001220) 2000-06-01

[21] **2,349,126**
[13] A1
[51] **Int.Cl. 7A43B 7/12 7A43D 95/00**
[25] EN
[54] **WATERPROOF SHOE AND
PROCESS OF MAKING THE SAME**
[54] **CHAUSSURE IMPERMEABLE ET
PROCESSUS DE FABRICATION
CONNEXE**
[72] CHEN, EDDIE, TW
[72] CHEN, EDDIE, TW
[71] CHEN, EDDIE, TW
[22] 2001-05-30
[43] 2001-11-30
[30] CA (2,310,361) 2000-05-30

[21] **2,349,130**
[13] A1
[51] **Int.Cl. 7F16L 25/01**
[25] EN
[54] **REINFORCED PLASTIC
CONNECTOR HAVING TWO OR MORE
LAYERS AND ANTISTATIC
PROPERTIES**
[54] **CONNECTEUR RENFORCE EN
MATIERE PLASTIQUE COMPORTANT
DEUX OU PLUSIEURS COUCHES ET
AYANT DES PROPRIETES
ANTISTATIQUES**
[72] SCHMITZ, GUIDO, DE
[71] DEGUSSA-HULS
AKTIENGESELLSCHAFT, DE
[22] 2001-05-24
[43] 2001-11-26
[30] DE (100 25 707.0) 2000-05-26

[21] **2,349,132**
[13] A1
[51] **Int.Cl. 7F24H 3/00 7F21V 29/00
7F21V 37/00 7F24C 1/16**
[25] EN
[54] **HEATER WITH LIGHT**
[54] **APPAREIL DE CHAUFFAGE AVEC
LAMPE**
[72] ASHTON, JERALD, US
[72] SCHULTE, CLYDE, US
[72] MAY, RANDALL L., US
[71] THE COLEMAN COMPANY, INC.,
US
[22] 2001-05-24
[43] 2001-11-26
[30] US (09/579,994) 2000-05-26

[21] **2,349,133**
[13] A1
[51] **Int.Cl. 7F01N 1/06**
[25] EN
[54] **SILENCER WITH INTERNAL RAIN
DIVERTER**
[54] **SILENCIEUX AVEC DISPOSITIF
INTERNE EMPECHANT LA PLUIE DE
PENETREER**
[72] CURL, BRUCE LAWRENCE JR., US
[71] EATON AEROQUIP INC., US
[22] 2001-05-24
[43] 2001-11-30
[30] US (09/584,207) 2000-05-31

[21] **2,349,136**
[13] A1
[51] **Int.Cl. 7C07D 417/12 7C07B 63/00
7C07D 403/06 7C07D 487/22**
[25] EN
[54] **REACTIVE CRYSTALLIZATION
METHOD TO IMPROVE PARTICLE
SIZE**
[54] **METHODE POUR LA
CRISTALLISATION LORS D'UNE
REACTION AFIN D'AMELIORER LA
GRANULOMETRIE**
[72] AM ENDE, DAVID JON, GB
[72] CRAWFORD, THOMAS CHARLES,
US
[72] WESTON, NEIL PHILIP, GB
[71] PFIZER PRODUCTS INC., US
[22] 2001-05-24
[43] 2001-11-26
[30] US (60/207,629) 2000-05-26

[21] **2,349,139**
[13] A1
[51] **Int.Cl. 7C08L 63/02 7C09D 5/44
7C09D 5/46**
[25] EN
[54] **CATIONIC RESIN COMPOSITION**
[54] **COMPOSITION DE RESINE
CATIONIQUE**
[72] KAMIKADO, KOJI, JP
[72] TOMINAGA, AKIRA, JP
[72] HIRAKI, TADAYOSHI, JP
[72] NISHIGUCHI, SHIGEO, JP
[71] KANSAI PAINT CO., LTD., JP
[22] 2001-05-30
[43] 2001-11-30
[30] JP (2000-162744) 2000-05-31

Demandes canadiennes mises à la disponibilité du public
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[21] **2,349,140**
[13] A1

[51] **Int.Cl. 7H04L 29/02 7H04M 11/06 7H04L 12/66**
[25] EN
[54] **CONNECTION NEGOTIATION FOR VOICE OVER INTERNET PROTOCOL USING MULTIPLE STEPS**
[54] **NEGOCIATION DE CONNEXION POUR LE PROTOCOLE DE TRANSMISSION DE LA VOIX SUR INTERNET A ETAPES MULTIPLES**
[72] PUJIE, MILOS D., CA
[72] COUILLAUD, PIERRE, CA
[71] NORTEL NETWORKS LIMITED, CA
[22] 2001-05-30
[43] 2001-11-30
[30] US (09/585,248) 2000-05-31

[21] **2,349,141**
[13] A1

[51] **Int.Cl. 7C08K 3/34**
[25] EN
[54] **A NANOCOMPOSITE BASED ON A BRIDGED CLAY, AND A CABLE COMPRISING SAID COMPOSITE**
[54] **UN NANOCOMPOSITE A BASE D'UNE ARGILE PONTEE ET UN CABLE COMPORTANT CE NANOCOMPOSITE**
[72] FOMPERIE, LIONEL, FR
[72] MANDALIA, TUSHAR, FR
[72] BERGAYA, FAIZA, FR
[72] AMIGOUET, PASCAL, FR
[71] NEXANS, FR
[22] 2001-05-29
[43] 2001-11-30
[30] FR (00 07 017) 2000-05-31

[21] **2,349,142**
[13] A1

[51] **Int.Cl. 7A61K 31/437 7A61P 1/04 7A61K 38/05 7A61P 1/10 7A61K 31/438 7A61K 31/4985 7A61K 31/55**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR STIMULATING GASTROINTESTINAL MOTILITY**
[54] **COMPOSITIONS ET METHODES POUR STIMULER LA MOTILITE GASTRO-INTESTINALE**
[72] HAKKINEN, JOHN, US
[71] PFIZER PRODUCTS INC., US
[22] 2001-05-29
[43] 2001-11-30
[30] US (60/208,234) 2000-05-31

[21] **2,349,145**
[13] A1

[51] **Int.Cl. 7G01R 19/145 7H01R 12/00**
[25] EN
[54] **POINT OF SALE (POS) TERMINAL SECURITY SYSTEM**
[54] **SYSTEME DE SECURITE POUR TERMINAL DE POINT DE VENTE (PDV)**
[72] DEBRUIN, RAYMOND A., US
[72] GRENFELL, JACK R., US
[72] HANLEY, DAVID C., US
[72] FU, SHUZHEN, US
[71] HEWLETT-PACKARD COMPANY, US
[22] 2001-05-29
[43] 2001-12-01
[30] US (09/586,678) 2000-06-01

[21] **2,349,147**
[13] A1

[51] **Int.Cl. 7G02B 6/13 7G02B 6/122**
[25] EN
[54] **MANUFACTURE OF OPTICAL WAVEGUIDE SUBSTRATE**
[54] **FABRICATION D'UN SUBSTRAT DE GUIDE D'ONDES OPTIQUE**
[72] EJIMA, SEIKI, JP
[72] SHIROTA, MASAAKI, JP
[72] MAKIKAWA, SHINJI, JP
[72] AOI, HIROSHI, JP
[71] SHIN-ETSU CHEMICAL CO., LTD., JP
[22] 2001-05-29
[43] 2001-11-29
[30] JP (2000-158089) 2000-05-29
[30] JP (2000-272880) 2000-09-08

[21] **2,349,148**
[13] A1

[51] **Int.Cl. 7H01R 13/00**
[25] EN
[54] **PROJECTING PLUG WITH NON-WIPING CONNECTOR CONTACTS**
[54] **FICHE SAILLANTE AVEC CONTACTS DE CONNEXION SANS FROTTEMENT**
[72] GORDON, SETH A., US
[71] ROSEN PRODUCTS, LLC, US
[22] 2001-05-29
[43] 2001-12-01
[30] US (09/585,675) 2000-06-01

[21] **2,349,155**
[13] A1

[51] **Int.Cl. 7A61L 17/00 7A61B 17/00**
[25] EN
[54] **ANTI-MICROBIAL SURGICAL SERVICES**
[54] **SERVICES CHIRURGICAUX ANTIMICROBIENS**
[72] SCALZO, HOWARD L., US
[72] FISCHER, JEROME A., US
[71] ETHICON, INC., US
[22] 2001-05-24
[43] 2001-11-25
[30] US (09/578,955) 2000-05-25

[21] **2,349,156**
[13] A1

[51] **Int.Cl. 7C25D 5/18 7C25D 21/10**
[25] EN
[54] **ELECTROPLATING METHOD USING COMBINATION OF VIBRATIONAL FLOW IN PLATING BATH AND PLATING CURRENT OF PULSE**
[54] **ELECTRODEPOSITION GRACE A UNE METHODE ASSOCIANT UN FLUX VIBRATIONNEL DANS LE BAIN DE DEPOT A UN COURANT DE DEPOT PULSE**
[72] OMASA, RYUSHIN, JP
[71] JAPAN TECHNO CO., LTD., JP
[22] 2001-05-24
[43] 2001-11-25
[30] JP (155046/2000) 2000-05-25
[30] JP (243249/2000) 2000-08-10
[30] JP (129994/2001) 2001-04-26

[21] **2,349,157**
[13] A1

[51] **Int.Cl. 7F02F 7/00 7F01L 1/46**
[25] EN
[54] **CASE MEMBER MOUNTING STRUCTURE**
[54] **STRUCTURE DE MONTAGE D'ELEMENTS DE CARTER**
[72] TANAKA, ATSUSHI, JP
[72] YOSHIDA, KEIKO, JP
[72] ISHIMURA, YUUJI, JP
[72] IWATA, KAZUYUKI, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2001-05-24
[43] 2001-12-01
[30] JP (2000-163917) 2000-06-01
[30] JP (2000-167774) 2000-06-05
[30] JP (2000-402950) 2000-12-28

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[21] **2,349,214**
[13] A1

[51] **Int.Cl. 7H04L 12/42**
[25] EN
[54] **RING-MESH NETWORKS**
[54] **RESEAUX MAILLES EN ANNEAU**
[72] HERMANN, KAREN E., CA
[71] NORTEL NETWORKS LIMITED, CA
[22] 2001-05-29
[43] 2001-11-30
[30] US (09/579,504) 2000-05-30

[21] **2,349,228**
[13] A1

[51] **Int.Cl. 7H01T 13/38**
[25] EN
[54] **SPARK PLUG**
[54] **BOUGIE D'ALLUMAGE**
[72] NISHIKAWA, KENICHI, JP
[72] KOUGE, YOSHIHIDE, JP
[72] SUGIMOTO, MAKOTO, JP
[71] NGK SPARK PLUG CO., LTD., JP
[22] 2001-05-31
[43] 2001-11-30
[30] JP (2000-163846) 2000-05-31
[30] JP (2001-099528) 2001-03-30

[21] **2,349,270**
[13] A1

[51] **Int.Cl. 7G01P 15/09**
[25] EN
[54] **ACCELERATION SENSOR**
[54] **CAPTEUR D'ACCELERATION**
[72] BABA, HIROYUKI, JP
[72] MURATA, NORIYUKI, JP
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[22] 2001-05-30
[43] 2001-11-30
[30] JP (2000-159445) 2000-05-30
[30] JP (2000-186524) 2000-06-21

[21] **2,349,273**
[13] A1

[51] **Int.Cl. 7H04N 5/74 7H04N 5/04 7G02B 27/18 7H04N 9/68**
[25] EN
[54] **PROJECTION METHOD AND PROJECTOR DEVICE**
[54] **METHODE DE PROJECTION ET PROJECTEUR**
[72] EBIKO, NAOKI, JP
[72] TANIAI, TAKAYOSHI, JP
[72] HARAYAMA, ATSUSHI, JP
[71] FUJITSU GENERAL LIMITED, JP
[22] 2001-05-31
[43] 2001-11-30
[30] JP (2000-162958) 2000-05-31

[21] **2,349,302**
[13] A1

[51] **Int.Cl. 7H01J 17/49 7H04N 5/44**
[25] EN
[54] **TELEVISION FLAT SCREEN DISPLAY AND CHANNEL PLATE MADE OF GLASS FOR FLAT SCREEN DISPLAYS SUCH AS TELEVISION FLAT PANEL DISPLAYS AND METHOD FOR MANUFACTURE**
[54] **ECRAN PLAT DE TELEVISEUR ET PLAQUE RAINUREE EN VERRE POUR ECRANS PLATS, COMME DES ECRANS DE TELEVISEUR, ET METHODE DE FABRICATION**
[72] PALLHORN, SVEN, DE
[72] KESSLER, THOMAS, DE
[72] KALBER, TOBIAS, DE
[72] WALTHER, MARTEN, DE
[72] JULIUS, PATRICK W., DE
[72] VOS, MARKUS, DE
[71] SCHOTT GLAS, DE
[22] 2001-05-31
[43] 2001-11-30
[30] DE (100 26 976.1-45) 2000-05-31

[21] **2,349,314**
[13] A1

[51] **Int.Cl. 7G06T 5/00 7G06K 9/36 7H04N 1/60**
[25] EN
[54] **MULTI-LEVEL SEMI-VECTOR ERROR DIFFUSION**
[54] **DIFFUSION A NIVEAUX MULTIPLES DE L'ERREUR CHROMATIQUE PAR QUANTIFICATION SEMI-VECTORIELLE**
[72] FAN, ZHIGANG, US
[72] SHIN, HELEN HAEKYUNG, US
[71] XEROX CORPORATION, US
[22] 2001-05-10
[43] 2001-12-01
[30] US (09/585,843) 2000-06-01

[21] **2,349,321**
[13] A1

[51] **Int.Cl. 7C21D 9/04**
[25] EN
[54] **PROCESS AND DEVICE FOR HARDENING A RAIL**
[54] **PROCESSUS ET DISPOSITIF DE TREMPERIE DE RAILS**
[72] KOCK, NORBERT, AT
[72] POINTNER, PETER, AT
[71] VOEST-ALPINE SCHIENEN GMBH & CO. KG, AT
[22] 2001-05-11
[43] 2001-11-29
[30] AT (939/2000) 2000-05-29

[21] **2,349,323**
[13] A1

[51] **Int.Cl. 7H01J 17/49 7H04N 5/44**
[25] EN
[54] **FLAT SCREEN DISPLAY SUCH AS FOR A TELEVISION AND CHANNEL PLATE MADE OF GLASS FOR FLAT SCREEN DISPLAYS AND METHOD OF MANUFACTURE**
[54] **ECRAN PLAT, COMME UN ECRAN DE TELEVISEUR, PLAQUE RAINUREE EN VERRE POUR ECRANS PLATS, ET METHODE DE FABRICATION**
[72] KESSLER, THOMAS, DE
[72] WALTHER, MARTEN, DE
[72] JULIUS, PATRICK W., DE
[72] VOS, MARKUS, DE
[72] KALBER, TOBIAS, DE
[72] PALLHORN, SVEN, DE
[71] SCHOTT GLAS, DE
[22] 2001-05-31
[43] 2001-11-30
[30] DE (100 26 974.5-33) 2000-05-31

[21] **2,349,353**
[13] A1

[51] **Int.Cl. 7E21B 31/113**
[25] EN
[54] **DOWNHOLE VIBRATOR**
[54] **VIBRATEUR DE FOND DE Puits**
[72] STOESZ, CARL W., US
[71] BAKER HUGHES INCORPORATED, US
[22] 2001-05-31
[43] 2001-11-30
[30] US (09/585,240) 2000-05-31

[21] **2,349,379**
[13] A1

[51] **Int.Cl. 7B42D 17/00 7F21V 33/00**
[25] EN
[54] **TRANSPORTABLE NOTE PAD HOLDER**
[54] **SUPPORT DE BLOC-NOTES MOBILE**
[72] RITTER, DAVID, US
[72] FELDMAN, MITCHELL, US
[71] RITTER, DAVID, US
[71] FELDMAN, MITCHELL, US
[22] 2001-05-31
[43] 2001-12-01
[30] US (09/586,696) 2000-06-01

Demandes canadiennes mises à la disponibilité du public
25 novembre 2001 - 1 décembre 2001

[21] **2,349,384**
[13] A1

[51] **Int.Cl. 7A61F 2/06**
[25] EN
[54] **SERPENTINE COILED LADDER STENT**
[54] **TUTEUR EN ECHELLE A SERPENTIN PLAT**
[72] RICHTER, JACOB, IL
[72] PINCHASIK, GREGORY, IL
[71] MEDINOL LTD., IL
[22] 2001-05-31
[43] 2001-12-01
[30] US (09/587,994) 2000-06-01

[21] **2,349,393**
[13] A1

[51] **Int.Cl. 7D02G 3/12 7A41D 19/015 7D02G 3/18**
[25] EN
[54] **WIRE WRAPPED COMPOSITE YARN**
[54] **FILS COMPOSITE ENROULE**
[72] KOLMES, NATHANIEL H., US
[71] SUPREME ELASTIC CORPORATION, US
[22] 2001-05-31
[43] 2001-12-01
[30] US (09/585,003) 2000-06-01

[21] **2,349,399**
[13] A1

[51] **Int.Cl. 7H04B 10/20 7H04L 29/10 7H04L 12/46**
[25] EN
[54] **MULTIMEDIA OPTICAL COMMUNITY AREA NETWORK**
[54] **RESEAU COMMUNAUTAIRE OPTIQUE MULTIMEDIA**
[72] MASSABKI, MAROUN, CA
[72] BAGE, MARC, CA
[72] KISOVEC, JEAN-FRANCIS, CA
[71] VIPSWITCH INC., CA
[22] 2001-06-01
[43] 2001-12-01
[30] GB (0013366.0) 2000-06-01

[21] **2,349,401**
[13] A1

[51] **Int.Cl. 7H04N 7/173**
[25] EN
[54] **VIDEO ON DEMAND**
[54] **VIDEO SUR DEMANDE**
[72] VENTER, JOHAN IZAK JACOBUS, ZA
[71] MOYSES, MARIA ELIZABETH DANETTA, ZA
[22] 2001-05-30
[43] 2001-11-30
[30] ZA (2000/02688) 2000-05-30

[21] **2,349,414**
[13] A1

[51] **Int.Cl. 7C07C 219/06 7C07C 305/04 7A61K 7/075 7C07C 219/08 7D06M 13/463 7D06M 15/507 7C08G 63/685**
[25] EN
[54] **POLYQUATERNARIES FROM MDEA USING DIBASIC ACIDS AND FATTY ACIDS**
[54] **COMPOSES POLYQUATERNAIRES A BASE DE MDEA OBTENUS A PARTIR DE DIACIDES ET D'ACIDES GRAS**
[72] KEYS, ROBERT O., US
[71] GOLDSCHMIDT CHEMICAL COMPANY, US
[22] 2001-06-01
[43] 2001-12-01
[30] US (60/208,633) 2000-06-01

[21] **2,349,421**
[13] A1

[51] **Int.Cl. 7H01S 5/022 7H04B 10/02**
[25] EN
[54] **SEMICONDUCTOR LASER DIODE MODULE**
[54] **MODULE A DIODE LASER A SEMICONDUCTEUR**
[72] TATENO, KIYOKAZU, JP
[72] MIYOKAWA, JUN, JP
[72] SEKIGUCHI, KAORU, JP
[72] KATAYAMA, ETSUJI, JP
[72] IRIE, YUICHIRO, JP
[71] THE FURUKAWA ELECTRIC CO., LTD., JP
[22] 2001-05-30
[43] 2001-11-30
[30] JP (2000-162097) 2000-05-31
[30] JP (2001-67198) 2001-03-09

[21] **2,349,429**
[13] A1

[51] **Int.Cl. 7D21C 9/10 7C12S 3/08**
[25] EN
[54] **IMPROVED METHOD FOR BLEACHING PULP WITH OXIDATIVE ENZYMES**
[54] **METHODE AMELIOREE DE BLANCHIMENT DE LA PATE A L'AIDE D'ENZYMES OXYDANTES**
[72] POPOVICI, CORINA, CA
[72] TOLAN, JEFFREY, CA
[71] IOGEN CORPORATION, CA
[22] 2001-06-01
[43] 2001-12-01
[30] US (60/208,687) 2000-06-01
[30] US (09/643,347) 2000-08-22

[21] **2,349,430**
[13] A1

[51] **Int.Cl. 7H01S 5/022 7H04B 10/02**
[25] EN
[54] **SEMICONDUCTOR LASER DIODE MODULE**
[54] **MODULE A DIODE LASER A SEMICONDUCTEUR**
[72] SEKIGUCHI, KAORU, JP
[72] TATENO, KIYOKAZU, JP
[72] KATAYAMA, ETSUJI, JP
[72] MIYOKAWA, JUN, JP
[72] IRIE, YUICHIRO, JP
[71] THE FURUKAWA ELECTRIC CO., LTD., JP
[22] 2001-05-30
[43] 2001-11-30
[30] JP (2000-162097) 2000-05-31

[21] **2,349,440**
[13] A1

[51] **Int.Cl. 7H01S 5/022 7H04B 10/02**
[25] EN
[54] **SEMICONDUCTOR LASER DIODE MODULE**
[54] **MODULE A DIODE LASER A SEMICONDUCTEUR**
[72] MIYOKAWA, JUN, JP
[72] SEKIGUCHI, KAORU, JP
[72] IRIE, YUICHIRO, JP
[72] TATENO, KIYOKAZU, JP
[72] KATAYAMA, ETSUJI, JP
[71] THE FURUKAWA ELECTRIC CO., LTD., JP
[22] 2001-05-30
[43] 2001-11-30
[30] JP (2000-162097) 2000-05-31
[30] JP (2001-67198) 2001-03-09

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November 25, 2001 - December 1, 2001**

[21] **2,349,462**
[13] A1

[51] **Int.Cl. 7E04B 1/38**
[25] EN
[54] **FASTENING MEMBER**
[54] **ELEMENT D'ATTACHE**
[72] WATANABE, MORIMICHI, JP
[71] NICHIIHA CORPORATION, JP
[22] 2001-05-28
[43] 2001-11-29
[30] JP (159070/2000) 2000-05-29

[21] **2,349,465**
[13] A1

[51] **Int.Cl. 7H01S 5/022 7H04B 10/02**
[25] EN
[54] **SEMICONDUCTOR LASER DIODE MODULE**
[54] **MODULE A DIODE LASER A SEMICONDUCTEUR**
[72] SEKIGUCHI, KAORU, JP
[72] TATENO, KIYOKAZU, JP
[72] KATAYAMA, ETSUJI, JP
[72] IRIE, YUICHIRO, JP
[72] MIYOKAWA, JUN, JP
[71] THE FURUKAWA ELECTRIC CO., LTD., JP
[22] 2001-05-30
[43] 2001-11-30
[30] JP (2000-162097) 2000-05-31
[30] JP (2001-67198) 2001-03-09

[21] **2,349,647**
[13] A1

[51] **Int.Cl. 7H04N 5/74 7G02B 27/18 7H04N 5/57**
[25] EN
[54] **IMAGE DISPLAY APPARATUS BY PROJECTOR**
[54] **PROJECTEUR POUR AFFICHAGE D'IMAGES**
[72] HARAYAMA, ATSUSHI, JP
[72] TANIAI, TAKAYOSHI, JP
[71] FUJITSU GENERAL LIMITED, JP
[22] 2001-05-31
[43] 2001-12-01
[30] JP (2000-165226) 2000-06-01

[21] **2,349,658**
[13] A1

[51] **Int.Cl. 7H04L 12/16 7G06F 17/60**
[25] EN
[54] **REMOTE REAL ESTATE LISTING/ PLACEMENT SYSTEM**
[54] **SYSTEME D'INSCRIPTION/ DIFFUSION A DISTANCE POUR LE SECTEUR DE L'IMMOBILIER**
[72] WILLIAMS, JAMES D., CA
[71] REALTYADVERTISER.COM, INC., US
[22] 2001-05-31
[43] 2001-12-01
[30] US (09/585,158) 2000-06-01

[21] **2,349,678**
[13] A1

[51] **Int.Cl. 7A63B 53/06 7B22F 5/00 7A63B 53/04**
[25] EN
[54] **GOLF CLUB WITH MULTIPLE MATERIAL WEIGHTING MEMBER**
[54] **BATON DE GOLF AVEC ELEMENT D'EQUILIBRAGE COMPRENANT PLUSIEURS MATERIAUX**
[72] ERICKSON, JOEL B., US
[72] DESHMUKH, UDAY V., US
[72] VECCHIO, KENNETH S., US
[71] CALLAWAY GOLF COMPANY, US
[22] 2001-05-31
[43] 2001-11-30
[30] US (09/584,920) 2000-05-31

[21] **2,349,755**
[13] A1

[51] **Int.Cl. 7G01L 1/24 7G01B 11/16**
[25] EN
[54] **METHOD FOR DETECTING STRESS AND STRAIN**
[54] **METHODE POUR DETECTER LES CONTRAINTES ET LES DEFORMATIONS**
[72] LAM, DUHANE, CA
[72] ELLENS, MARK, CA
[71] LAM, DUHANE, CA
[71] ELLENS, MARK, CA
[22] 2001-05-22
[43] 2001-11-30
[30] US (60/208,048) 2000-05-31

[21] **2,349,757**
[13] A1

[51] **Int.Cl. 7C09D 9/00**
[25] FR
[54] **COMPOSITION DECAPANTE, UTILISABLE NOTAMMENT DANS LE DOMAINE DU BATIMENT ET DU YACHTING**
[54] **STRIPPING COMPOUND FOR USE ON BUILDINGS AND VESSELS**
[72] LALLIER, JEAN-PIERRE, FR
[71] ATOFINA, FR
[22] 2001-05-25
[43] 2001-11-26
[30] FR (00 06 755) 2000-05-26

[21] **2,349,764**
[13] A1

[51] **Int.Cl. 7A42B 3/04**
[25] FR
[54] **PERFECTIONNEMENT POUR CASQUE DE PROTECTION**
[54] **ENHANCEMENT FOR SAFETY HELMET**
[72] GUAY, LOUIS, FR
[72] LEVRAT, PATRICIA, FR
[72] SOUBEYRAND, XAVIER, FR
[71] GALLET SA, FR
[22] 2001-05-28
[43] 2001-11-29
[30] FR (00 06 822) 2000-05-29

[21] **2,349,765**
[13] A1

[51] **Int.Cl. 7B23K 31/02 7B23K 26/12 7B23K 9/16**
[25] FR
[54] **PROCEDE DE SOUDAGE HYBRIDE LASER-ARC AVEC MELANGE GAZEUX APPROPRIE**
[54] **PROCESS FOR HYBRID LASER-ARC WELDING WITH APPROPRIATE GAS MIXTURE**
[72] LEFEBVRE, PHILIPPE, FR
[72] BRIAND, FRANCIS, FR
[72] BONNET, CHRISTIAN, FR
[71] L' AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED ES GEORGES CLAUDE, FR
[22] 2001-05-28
[43] 2001-11-30
[30] FR (00 07013) 2000-05-31

Demandes canadiennes mises à la disponibilité du public
25 novembre 2001 - 1 décembre 2001

[21] **2,349,768**
[13] A1

[51] **Int.Cl. 7G05D 1/10**
[25] FR
[54] **AERONEF A COMMANDES DE VOL ELECTRIQUES, POURVU D'UN PILOTE AUTOMATIQUE**
[54] **AIRCRAFT WITH ELECTRIC FLIGHT CONTROLS AND AUTOMATIC PILOT**
[72] KUBICA, FRANCOIS, FR
[71] EADS AIRBUS SA, FR
[22] 2001-05-28
[43] 2001-11-29
[30] FR (00 06 828) 2000-05-29

[21] **2,349,770**
[13] A1

[51] **Int.Cl. 7B64C 13/04 7G05D 1/10**
[25] FR
[54] **SYSTEME DE COMMANDE ELECTRIQUE POUR UNE GOUVERNE DE DIRECTION D'AERONEF**
[54] **ELECTRIC CONTROL SYSTEM FOR AIRCRAFT RUDDER**
[72] KUBICA, FRANCOIS, FR
[72] MARQUIER, SYLVIE, FR
[72] CAZY, DANIEL, FR
[71] EADS AIRBUS SA, FR
[22] 2001-05-28
[43] 2001-11-29
[30] FR (00 06 829) 2000-05-29

[21] **2,349,772**
[13] A1

[51] **Int.Cl. 7G01N 21/35**
[25] FR
[54] **PROCEDE ET DISPOSITIF DE DETECTION DE FUITES DE GAZ**
[54] **PROCESS AND DEVICE FOR DETECTING GAS LEAKS**
[72] BOUDET, THIERRY, FR
[72] FANTINI, JEROME, FR
[72] KRYLOV, VLADIMIR, RU
[72] GAMARTS, EMELIAN, RU
[71] GAZ DE FRANCE, FR
[22] 2001-05-29
[43] 2001-11-30
[30] FR (00 06 893) 2000-05-30

[21] **2,349,781**
[13] A1

[51] **Int.Cl. 7G01F 11/04**
[25] FR
[54] **EMBOU DOSEUR POUR LA DISTRIBUTION D'UNE DOSE A VOLUME VARIABLE ET ENSEMBLE EQUIPE D'UN TEL EMBOU DOSEUR**
[54] **DOSING TIP FOR DISPENSING A DOSE OF VARIABLE VOLUME AND ASSEMBLY FITTED WITH SUCH A DOSING TIP**
[72] BONNINGUE, PHILIPPE, FR
[71] L'OREAL, FR
[22] 2001-05-29
[43] 2001-11-30
[30] FR (00 06 927) 2000-05-30

[21] **2,349,802**
[13] A1

[51] **Int.Cl. 7C02F 1/56**
[25] EN
[54] **METHOD FOR TREATING CONTAMINATED LIQUID**
[54] **METHODE DE TRAITEMENT DE LIQUIDES CONTAMINES**
[72] COHEN, EPHRAIM, IL
[72] SHABTAI, YOSSEF, IL
[72] SINTOV, AMNON, IL
[71] BEN GURION UNIVERSITY OF THE NEGEV RESEARCH AND DEVELOPMENT AUTHORITY, IL
[22] 2001-05-30
[43] 2001-12-01
[30] IL (136519) 2000-06-01

[21] **2,349,803**
[13] A1

[51] **Int.Cl. 7C02F 11/14**
[25] EN
[54] **TREATMENT OF SEWAGE SLUDGE**
[54] **TRAITEMENT DES BOUES D'EPURATION**
[72] WARD, OWEN P., CA
[72] BURD, HENRY, CA
[71] LYSTEK INTERNATIONAL, INC., CA
[22] 2001-05-30
[43] 2001-12-01
[30] US (60/209002) 2000-06-01

[21] **2,349,808**
[13] A1

[51] **Int.Cl. 7C02F 1/46**
[25] EN
[54] **ELECTROSTATIC FLUID PURIFYING DEVICE AND METHOD OF PURIFYING A FLUID**
[54] **DISPOSITIF D'EPURATION ELECTROSTATIQUE DE FLUIDES ET METHODE D'EPURATION DE FLUIDES**
[72] MONTEITH, ROBERT A., CA
[71] HYDRA-STATIC SYSTEMS INC., CA
[22] 2001-05-30
[43] 2001-12-01
[30] US (09/584,365) 2000-06-01

[21] **2,349,816**
[13] A1

[51] **Int.Cl. 7E21B 34/00 7E21B 44/00 7G08C 17/00**
[25] EN
[54] **DOWNHOLE WELL-CONTROL VALVE RESERVOIR MONITORING AND DRAWDOWN OPTIMIZATION SYSTEM**
[54] **SYSTEME DE CONTROLE DE VANNE DE REGLAGE DE FOND DE Puits ET D'OPTIMISATION DU SOUTIRAGE**
[72] BUSSEAR, TERRY R., US
[72] JONES, KEVIN R., US
[71] BAKER HUGHES INCORPORATED, US
[22] 2001-05-30
[43] 2001-11-30
[30] US (60/207,756) 2000-05-30

[21] **2,349,968**
[13] A1

[51] **Int.Cl. 7A63B 53/04 7B21D 53/00 7B21K 17/00 7B21K 29/00**
[25] EN
[54] **GOLF CLUB HEAD WITH WEIGHTING MEMBER AND METHOD OF MANUFACTURING THE SAME**
[54] **TETE DE BATON DE GOLF AVEC ELEMENT D'EQUILIBRAGE ET METHODE DE FABRICATION**
[72] DESHMUKH, UDAY V., US
[71] CALLAWAY GOLF COMPANY, US
[22] 2001-05-31
[43] 2001-11-30
[30] US (09/584,623) 2000-05-31

Canadian Laid-Open Applications
November 25, 2001 - December 1, 2001

[21] **2,350,876**

[13] A1

[51] **Int.Cl. 7B01D 33/23**

[25] EN

[54] **IMPROVED FILTER BAG**

[54] **SAC FILTRANT AMELIORE**

[72] SOUNIER, PAULA, US

[72] CLOUTIER, VIRGINIA, US

[71] FILTER BELTS, INC., US

[22] 2001-06-19

[43] 2001-12-01

[30] US (09/597,634) 2000-06-20

[21] **2,351,910**

[13] A1

[51] **Int.Cl. 7F24H 1/06 7F24H 1/10**

[25] EN

[54] **PORTABLE WARM WATER**

HEATER SYSTEM

[54] **SYSTEME PORTATIF DE**

CHAUFFE-EAU

[72] WINTER, KEN S., CA

[72] WINTER, ROGER S., CA

[71] WINTER, KEN S., CA

[71] WINTER, ROGER S., CA

[22] 2001-06-26

[43] 2001-11-27

[30] US (09/871,141) 2001-05-31

[21] **2,352,371**

[13] A1

[51] **Int.Cl. 7F16M 13/00**

[25] FR

[54] **SUPPORT ARTICULE, AMOVIBLE**

ET AJUSTABLE

[54] **MOVEABLE AND ADJUSTABLE**

HINGED STAND

[72] LAFERRIERE, CLAUDE, CA

[71] LAFERRIERE, CLAUDE, CA

[22] 2001-07-05

[43] 2001-11-26

PCT Applications Entering the National Phase

Demandes PCT entrant en phase nationale

[21] **2,347,398**

[13] A1

[51] **Int.Cl. 7E02B 9/08**

[25] EN

[54] **WAVE ENERGY CONVERTERS
UTILIZING PRESSURE DIFFERENCES**

[54] **CONVERTISSEURS D'ENERGIE
DE VAGUES UTILISANT LES
DIFFERENCES DE PRESSION**

[72] BELL, MEREDITH, US

[72] CARROLL, CHARLES B., US

[71] OCEAN POWER TECHNOLOGIES,
INC., US

[85] 2001-02-26

[86] 2000-05-26 (PCT/US00/14652)

[87] 2001-11-26 ()

[21] **2,357,232**

[13] A1

[51] **Int.Cl. 7C23C 10/00 7C22C 38/40**

[25] EN

[54] **SURFACE ALLOYED HIGH
TEMPERATURE ALLOYS**

[54] **ALLIAGES REFRACTAIRES
ALLIES EN SURFACE**

[72] FISHER, GARY ANTHONY, CA

[72] PETRONE, SABINO STEVEN
ANTHONY, CA

[72] MANDYAM, RADHASKRISHNA
CHAKRAVARTHY, US

[72] WYSIEKIERSKI, ANDREW
GEORGE, CA

[71] SURFACE ENGINEERED
PRODUCTS CORPORATION, CA

[85] 2001-09-14

[86] 2001-05-24 (PCT/CA01/00755)

[87] 2001-11-25 ()

[30] US (09/577,597) 2000-05-25

PCT Applications Entering the National Phase

Canadian Divisional and Previously Unavailable Laid-Open applications

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] **2,339,295**
[13] A1
[51] **Int.Cl. 7B60T 7/16 7B61L 3/00**
[25] EN
[54] **RAILWAY HAZARD REMOTE BRAKING SYSTEM**
[54] **SYSTEME DE FREINAGE D'URGENCE A DISTANCE POUR CHEMINS DE FER**
[72] STEPHENS, ROBERT DOUGLAS, CA
[71] STEPHENS, ROBERT DOUGLAS, CA
[22] 1998-08-11
[43] 1999-02-28
[62] 2,242,723

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[13] A1
[51] **Int.Cl. 7B64C 29/00 7B64C 27/28**
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[54] **AERODYNE A DECOLLAGE ET ATTERRISSAGE VERTICAUX**
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[72] SOULEZ-LARIVIERE, JEAN, FR
[71] SOULEZ-LARIVIERE, JEAN, FR
[22] 1997-05-22
[43] 1997-11-27
[62] 2,255,602
[30] US (08/651,582) 1996-05-22

[21] **2,360,059**
[13] A1
[51] **Int.Cl. 7A61F 2/06 7B23P 15/00**
[25] EN
[54] **STENT FOR IMPROVED TRANSLUMINAL DEPLOYMENT**
[54] **EXTENSEUR PERMETTANT UN MEILLEUR DEPLOIEMENT TRANSLUMINAL**
[72] LASHINSKI, ROBERT, US
[72] BIRDSALL, MATTHEW, US
[71] ARTERIAL VASCULAR ENGINEERING, INC., US
[22] 1996-11-20
[43] 1997-06-08
[62] 2,190,794
[30] US (08/568,834) 1995-12-07

[21] **2,360,128**
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[51] **Int.Cl. 7C07K 14/555 7A61K 49/00 7G01N 33/60**
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[54] **PHOSPHYORYLATED FUSION PROTEINS AND USES RELATED THERETO**
[54] **PROTEINES DE FUSION PHOSPHORYLEES ET LEURS UTILISATIONS**
[72] PESTKA, SIDNEY, US
[71] PESTKA, SIDNEY, US
[22] 1989-10-27
[43] 1990-04-28
[62] 2,001,719
[30] US (07/264,271) 1988-10-28

[21] **2,360,509**
[13] A1
[51] **Int.Cl. 7B29C 45/74 7B29C 45/17**
[25] EN
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[72] MOSS, MARK D., US
[72] LEE, CHRISTOPHER W., US
[71] DYNISCO HOT RUNNERS, INC., US
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[43] 1999-03-02
[62] 2,246,771
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[21] **2,360,564**
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[51] **Int.Cl. 7H01J 29/76**
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[30] JP (6-203902) 1994-08-29
[30] JP (6-203903) 1994-08-29
[30] JP (6-206529) 1994-08-31
[30] JP (6-206530) 1994-08-31
[30] JP (6-206531) 1994-08-31

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[51] **Int.Cl. 7H01J 29/76**
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[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
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[30] JP (6-206530) 1994-08-31
[30] JP (6-206531) 1994-08-31

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[13] A1

[51] **Int.Cl. 7H01J 29/76**

[25] EN

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[30] JP (6-206530) 1994-08-31

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OPTOELECTRONICS		BAKER HUGHES		AMERICA	2,348,980
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CORPORATION	2,347,591	BAKER HUGHES		BONNET, CHRISTIAN	2,349,079
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AHMADVAND, NIMA	2,348,346	BALINT, SANDOR	2,309,870	BONNET, CHRISTIAN	2,349,765
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COUNCIL, INC.	2,309,477	BAXTER, STEVEN MICHAEL	2,347,441	LSCHAFT COTTBUS	
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ALCATEL	2,348,803	BECFAB EQUIPMENT PTY		FORSCHUNGS- UND	
ALDRIDGE, COLIN A.	2,310,198	LTD.	2,349,054	ENTWICKLUNGSGESEL	
AM ENDE, DAVID JON	2,349,136	BECHBERGER, JOHN	2,322,554	LSCHAFT COTTBUS	
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BRYANT, ANDREW JOHN	2,348,121	COHEN, EPHRAIM	2,349,802	DOUGLASS, JOHN MICHAEL	2,348,814
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BUCHER, ROBERT J., JR.	2,310,402	CORDIS NEUROVASCULAR,		LTD.	2,348,176
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CHIA, SAM	2,310,476	DEEGAN, THOMAS G.	2,324,436	FEMPRO INC.	2,309,803
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CKE TECHNOLOGIES INC.	2,348,806	CHARLES	2,349,112	FORTAIN, JEAN-MARIE	2,349,073
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FUJITSU GENERAL LIMITED	2,349,647	GRUHL, STEFAN	2,342,559	HIRAI, KAZUO	2,348,193
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GENERAL MOTORS		HARAYAMA, ATSUSHI	2,349,273	HONDA GIKEN KOGYO	
CORPORATION	2,339,585	HARAYAMA, ATSUSHI	2,349,647	KABUSHIKI KAISHA	2,349,157
GENERAL MOTORS		HARIRI, ALI ASGAR	2,315,641	HONG, COLLIN	2,310,200
CORPORATION	2,339,587	HATAMI-HANZA, HAMID	2,310,199	HONMA, HIROSHI	2,348,176
GEO TEC ELECTRONICS		HATAMI-HANZA, HAMID	2,348,346	HONMA, HIROSHI	2,348,193
GBMH	2,316,774	HEIDER, LILIA	2,348,260	HONMA, YOSHINORI	2,348,731
GERSHONY, MOSHE	2,348,358	HEIDER, LILIA	2,348,264	HOPKINSON, BRIAN L.	2,338,904
GIANZERO, STANLEY C.	2,348,204	HEIDER, UDO	2,348,966	HORIE, TAKASHI	2,349,058
GILLIAM, CHERYL M.	2,348,337	HEISE, OLIVER	2,348,815	HOWARD, WALTER E.	2,348,256
GILLIAM, CHERYL M.	2,348,349	HEKTOEN, LEIF	2,348,846	HSIEH, YAO-TSUNG	2,309,312
GINZL, JEFFREY A.	2,338,904	HELMES, HAL BRYANT	2,349,096	HUANG, HENTON	2,309,312
GIOVANNINI, EDMONDO	2,309,479	HENLEY, E. C.	2,310,290	HUANG, JOE	2,342,730
GIOVANNINI, PAOLO	2,309,479	HENLEY, E. C.	2,310,294	HUANG, TIAN-FU	2,309,312
GLASMACHER, HANS	2,316,774	HENNESSEY, MICHAEL D.	2,345,854	HUANG, YI-CHEN	2,309,365
GLENN, TRACEY L.	2,348,752	HER MAJESTY THE QUEEN		HUBBELL INCORPORATED	2,348,220
GLUCK, ERNST	2,309,496	IN RIGHT OF CANADA		HUCHET, PIERRE-PHILIPPE	2,348,857
GODIN, BENOIT	2,310,150	AS REPRESENTED BY		HUGUET, ALAIN	2,348,797
GOLDSCHMIDT CHEMICAL		THE MINISTER OF		HUNT, ANDREW W.	2,348,700
COMPANY	2,349,414	INDUSTRY THROUGH		HUPPI, EMIL	2,347,572
GOLDSTEIN, CHARLES	2,348,963	THE COMMUNICATIONS		HUSCO INTERNATIONAL,	
GONG, JIANG-HONG	2,307,705	RESEARCH CENTRE	2,348,700	INC.	2,348,362
GONG, JIANG-HONG	2,316,405	HER MAJESTY THE QUEEN		HUSSEIN, ESAM M.A.	2,348,150
GORDON, SETH A.	2,349,148	IN RIGHT OF CANADA		HYDRA-STATIC SYSTEMS	
GOSIS, ANATOLY	2,342,565	AS REPRESENTED BY		INC.	2,349,808
GOTO, HIROAKI	2,348,309	THE MINISTER OF		IBANEZ, MARC BENEDICT	2,342,730
GOULD, PHILLIP JOHN	2,349,015	INDUSTRY THROUGH		IDEMITSU KOSAN CO., LTD.	2,349,063
GRAVES, ALAN F.	2,310,293	THE COMMUNICATIONS		IDEMITSU PETROCHEMICAL	
GRAVES, ALAN F.	2,344,788	RESEARCH CENTRE	2,348,941	CO., LTD.	2,349,063
GRAVES, ALAN F.	2,348,121	HERMANN, KAREN E.	2,349,214	IEC-HOLDEN, INC.	2,340,835
GREEN, LEONARD	2,309,529	HERMES, ANN ROBERTSON	2,347,309	IGARASHI, TAKASHI	2,345,591
GREEN, RON MEIR	2,309,529	HEUER, VOLKMAR	2,348,608	IJIMA, MASAKI	2,331,759
GREIWE, JOHN	2,344,790	HEUERMAN, KEVIN		ILJEVSKI, ILIJA	2,326,459
GRENFELL, JACK R.	2,349,145	MICHAEL	2,310,385	ILLINOIS TOOL WORKS INC.	2,342,016
GRENIER, GILLES	2,349,077			ILLINOIS TOOL WORKS INC.	2,342,269

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ILLINOIS TOOL WORKS INC.	2,342,385	JULIUS, PATRICK W.	2,349,323	KOLMES, NATHANIEL H.	2,349,393
ILLINOIS TOOL WORKS INC.	2,342,565	JUNG, JAEHOON	2,347,276	KOSOLOV, OLEG	2,344,755
ILLINOIS TOOL WORKS INC.	2,343,993	JUNG-CHANG, CHI	2,309,869	KOUGE, YOSHIHIDE	2,349,228
ILLINOIS TOOL WORKS INC.	2,344,963	JVL CORPORATION	2,348,317	KOZAK, VINCENT J.	2,335,192
IMAI, SATORU	2,345,593	K.K. VAYU	2,342,597	KOZLOV, OTEKSANDR I.	2,348,834
INGALLINA, PATRIZIA	2,349,118	KABUSHIKI KAISHA		KOZLOVSKI, GEORGE	2,309,873
INSTITUT FRANCAIS DU		TOSHIBA	2,339,753	KRAFT FOODS HOLDINGS,	
PETROLE	2,348,804	KABUSHIKI KAISHA		INC.	2,348,256
INSTITUTE OF NUCLEAR		TOSHIBA	2,348,309	KRAFT FOODS HOLDINGS,	
ENERGY RESEARCH	2,309,312	KALBER, TOBIAS	2,349,302	INC.	2,348,337
INTEGRATED BIOMEDICAL		KALBER, TOBIAS	2,349,323	KRAFT FOODS HOLDINGS,	
TECHNOLOGY, INC.	2,349,098	KALHOK, DAVID	2,348,980	INC.	2,348,349
INTERNATIONAL BUSINESS		KAMI, TAKASHI	2,348,309	KRYLOV, VLADIMIR	2,349,772
MACHINES		KAMIJI, KOICHI	2,348,290	KSCHISCHANG, FRANK	2,309,472
CORPORATION	2,335,561	KAMIKADO, KOJI	2,349,139	KSCHISCHANG, FRANK	2,310,188
INTERNATIONAL BUSINESS		KANAZAWA, TAKUMA	2,349,090	KUBICA, FRANCOIS	2,349,768
MACHINES		KANDLER, GERSHON	2,347,648	KUBICA, FRANCOIS	2,349,770
CORPORATION	2,339,480	KANSAI PAINT CO., LTD.	2,349,139	KUDRYAVTSEV, YURII F.	2,348,834
INTERNATIONAL BUSINESS		KAO, YUAN-HUA	2,345,591	KUDU INDUSTRIES INC.	2,310,198
MACHINES		KARAMI, HAMZEH	2,343,852	KUMENO, TAKASHI	2,342,597
CORPORATION	2,343,665	KARWATH, ARNO	2,348,662	KUNIO, YAMADA	2,348,296
INTERNATIONAL BUSINESS		KATAOKA, SHOEI	2,348,313	KUPENTHIRARAJAN,	
MACHINES		KATAYAMA, ETSUJI	2,349,421	SINNATHAMBY	2,309,928
CORPORATION	2,347,648	KATAYAMA, ETSUJI	2,349,430	KURIYAMA, TAKASHI	2,348,731
INTERNATIONAL ROAD		KATAYAMA, ETSUJI	2,349,440	KYOCERA CORPORATION	2,343,091
DYNAMICS INC.	2,310,149	KATAYAMA, ETSUJI	2,349,465	L3 COMMUNICATIONS	
INVENTIO AG	2,348,247	KATSUDA, YOSHIO	2,349,114	HOLDINGS, INC.	2,325,147
IOGEN CORPORATION	2,349,429	KATSUKI, SUEMATSU	2,348,296	LA KORDE DE BOIS INC.	2,309,572
IORIO, JEAN	2,340,835	KAWAMURA, KOUJI	2,347,518	LA SOUDURE AUTOGENE	
IRIE, YUICHIRO	2,349,421	KAWAMURA, NOBUYUKI	2,348,290	FRANCAISE	2,349,073
IRIE, YUICHIRO	2,349,430	KAWASE, YUJI	2,345,593	LA SOUDURE AUTOGENE	
IRIE, YUICHIRO	2,349,440	KAZAKIS, MICHAEL V.	2,325,085	FRANCAISE	2,349,079
IRIE, YUICHIRO	2,349,465	KAZAKIS, MICHAEL V.	2,325,690	LA SOUDURE AUTOGENE	
IRISH, KENNETH G.	2,342,269	KAZAKIS, MICHAEL V.	2,325,752	FRANCAISE	2,349,080
IRVIN, MIKE	2,349,058	KAZAKIS, MICHAEL V.	2,326,307	LABARGE, INC.	2,336,273
ISHIHARA, TSUNEKAZU	2,349,046	KAZAKIS, MICHAEL V.	2,326,308	LABARGE, INC.	2,343,688
ISHIKAWA, HIDEYUKI	2,347,999	KAZAKIS, MICHAEL V.	2,326,309	LABORATOIRE MEDIDOM	
ISHIKAWAJIMA-HARIMA		KELLY, DARACH	2,349,084	S.A.	2,346,631
HEAVY INDUSTRIES		KENDALL, JOHN	2,310,354	LACONTE, PETER KEITH	2,342,533
CO., LTD.	2,347,300	KENNEDY, ROGER LEE JR.	2,348,133	LAFERRIERE, CLAUDE	2,352,371
ISHIMURA, YUUJI	2,349,157	KESSLER, THOMAS	2,349,302	LAFLAMME, BENOIT	2,349,106
ISOZUMI, MASASHI	2,349,058	KESSLER, THOMAS	2,349,323	L'AIR LIQUIDE, SOCIETE	
ITOCHU CORPORATION	2,348,858	KEYS, ROBERT O.	2,349,414	ANONYME POUR	
IWATA, KAZUYUKI	2,349,157	KIM, JONG-HO	2,345,865	L'ETUDE ET	
J. L. CLARK, INC.	2,349,104	KIM, MIYOUNG	2,347,276	L'EXPLOITATION DES	
J.M. HUBER CORPORATION	2,347,547	KIM, WHA JUNG	2,347,276	PROCEDES GEORGES	
JACKSON, ANDREW SMITH	2,309,938	KIM, YOUNG-JO	2,348,218	CLAUDE	2,348,331
JACOBS, ERIC	2,346,163	KIRK, THOMAS CLEVELAND	2,347,441	L'AIR LIQUIDE, SOCIETE	
JAMES, ERIC	2,344,756	KISHI, MIE	2,349,114	ANONYME POUR	
JAPAN TECHNO CO., LTD.	2,349,156	KISOVEC, JEAN-FRANCIS	2,349,399	L'ETUDE ET	
JENKINS, MICHAEL D.	2,325,158	KISWIRE LTD.	2,348,218	L'EXPLOITATION DES	
JENSEN, ERIC K.	2,339,587	KITAMURA, KIYOHARU	2,348,149	PROCEDES GEORGES	
JMS CO., LTD.	2,349,094	KITaura, HISASHI	2,348,309	CLAUDE	2,348,800
JOHNSON, LAWRENCE W.	2,343,993	KLEIMAN, JACOB I.	2,348,834	L'AIR LIQUIDE, SOCIETE	
JONES, CHARLIE E.	2,325,085	KLOTZ, ARMIN	2,347,572	ANONYME POUR	
JONES, CHARLIE E.	2,325,690	KMICIKIEWICZ, MAREK	2,309,759	L'ETUDE ET	
JONES, CHARLIE E.	2,325,752	KMICIKIEWICZ, MAREK	2,348,806	L'EXPLOITATION DES	
JONES, CHARLIE E.	2,326,307	KNYSH, VITALY V.	2,348,834	PROCEDES GEORGES	
JONES, CHARLIE E.	2,326,308	KOALA CORPORATION	2,348,986	CLAUDE	2,349,073
JONES, CHARLIE E.	2,326,309	KOBAYASHI, KAZUTO	2,331,759	L'AIR LIQUIDE, SOCIETE	
JONES, KEVIN R.	2,349,816	KOBAYASHI, TOMOKI	2,349,090	ANONYME POUR	
JONES, RODGER	2,344,790	KOBAYASHI, WATARU	2,309,780	L'ETUDE ET	
JONES, WILLIAM J.	2,347,547	KOBEL, PETER	2,340,474	L'EXPLOITATION DES	
JUBERT, ROGER	2,309,479	KOBEL, PETER	2,341,092	PROCEDES GEORGES	
JUDE, PATRICK	2,348,692	KOBORI, HIDEKI	2,349,058	CLAUDE	2,349,079
JULIUS, PATRICK W.	2,349,302	KOCK, NORBERT	2,349,321		

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L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED ES GEORGES CLAUDE	2,349,080	MA, STANLEY JEH-CHUN	2,310,295	MIR MAGNETIC INSTITUTE RESEARCH S.A.	2,309,479
L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED ES GEORGES CLAUDE	2,349,765	MADORE, CARL	2,309,565	MITCHELL, B. STEPHEN	2,310,366
LALLIER, JEAN-PIERRE	2,349,757	MAEHAMA, HIROSATO	2,349,094	MITSUBISHI HEAVY INDUSTRIES, LTD.	2,309,476
LAM, DUHANE	2,349,755	MAENLE, WILLIAM C.	2,345,866	MITSUBISHI HEAVY INDUSTRIES, LTD.	2,331,759
LAM, STANLEY CHUN FUNG	2,310,200	MAKI, ALAN D.	2,344,329	MITTAG, PETER	2,349,060
LAVERDIERE, JACQUES	2,309,898	MAKIKAWA, SHINJI	2,349,147	MIYAGUCHI, KANEHISA	2,309,476
LAYNE, DEREK	2,342,754	MANCEAU, EMMANUEL	2,348,804	MIYAZAKI, TETSUSHI	2,348,080
LEE, ADA	2,310,200	MANDALIA, TUSHAR	2,349,141	MIYOKAWA, JUN	2,349,421
LEE, JACK	2,310,520	MANDEL, ARKADY	2,309,417	MIYOKAWA, JUN	2,349,430
LEE, KYUNGLIM	2,347,276	MANDEL, ARKADY	2,309,424	MIYOKAWA, JUN	2,349,465
LEE, TE-WEI	2,309,312	MANDEL, ARKADY	2,309,518	MOLLER, KURT H.	2,347,547
LEFEBVRE, PHILIPPE	2,349,073	MANSBRIDGE, JOHN	2,348,368	MONDO SPA	2,335,716
LEFEBVRE, PHILIPPE	2,349,765	MANTHA, RAMESH	2,309,472	MONIGAL, NEAL R.	2,338,904
LEHMANN, MATHIAS	2,340,474	MANTHA, RAMESH	2,310,188	MONTEITH, ROBERT A.	2,349,808
LEHMANN, MATHIAS	2,341,092	MANTINI, JOHN	2,310,476	MORCOM, GARY	2,310,477
LEMAIRE, SYLVIE	2,349,087	MANTYLA, JAMES	2,309,941	MORCOM, GARY	2,310,544
LES PROMOTIONS ATLANTIQUES INC.	2,310,180	MARCHUT, LESLIE	2,343,086	MORCOM, GARY	2,310,546
LESSARD, HUGO	2,309,899	MARKOGLU, NEKTARIA	2,309,510	MORIMOTO, KAZUO	2,309,476
LESSO, WILLIAM	2,348,554	MARQUIER, SYLVIE	2,349,770	MORITA, KAZUHIRO	2,331,759
LEVITAN, VALERY	2,348,317	MARTINSEN, RHONDA LYNNETTE	2,345,877	MORITZ, RANDAL A.	2,347,547
LEVRAT, PATRICIA	2,349,764	MARUMO, KATSUYA	2,349,058	MOSAID TECHNOLOGIES INCORPORATED	2,310,295
LICATA, GIUSEPPA	2,348,304	MASCHINENFABRIK KEMPER GMBH & CO KG	2,348,949	MOYNAHAN, JOHN F.	2,325,158
LIKOZAR, MARTIN E.	2,347,619	MASSABKI, MAROUN	2,349,399	MOYSES, MARIA ELIZABETH DANETTA	2,349,401
LIN, CHEN-CHIEH	2,342,544	MASTER MIND, CO., LTD.	2,321,392	MTI TECHNOLOGY & ENGINEERING (1993) LTD.	2,348,581
LIN, WEN CHANG	2,309,490	MATSUMOTO, YOSHIHIRO	2,348,731	MUHLFELD, HORST	2,348,354
LIU, JOSEPH C.	2,348,351	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	2,349,019	MURABAYASHI, HARUYASU	2,349,058
LODGE, JOHN	2,348,700	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	2,349,065	MURATA, HIROSHIGE	2,347,300
LOGAN, ALAN GEORGE	2,349,015	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	2,349,270	MURATA, NORIYUKI	2,349,270
LONG, STEVEN MARK	2,348,339	MATZ, J. RORERT	2,348,815	NAKAGAWA, NORIAKI	2,349,094
LOPEZ, AMADO R.	2,348,256	MAY, RANDALL L.	2,349,132	NAKAMURA, KOICHI	2,339,753
L'OREAL	2,348,801	MAYTAG CORPORATION	2,330,236	NAKAMURA, TAKESHI	2,347,300
L'OREAL	2,348,807	MAYTAG CORPORATION	2,340,189	NAKANISHI, HIDENORI	2,345,591
L'OREAL	2,349,781	MAZZAROLO, UGO	2,348,291	NAKAYAMA, KOJI	2,349,114
LOTZ, NATASCHA	2,348,260	MCCANN, DOMINIC P.	2,348,554	NANKERVIS, WAYNE T.	2,338,904
LOTZ, NATASCHA	2,348,264	MCCARTHY, DONALD C.	2,348,832	NARUKAWA, RYUSUKE	2,348,309
LOWERY, CHRIS	2,344,790	MCFARLANE, RONALD A.	2,310,417	NASH, FRANKLIN R.	2,343,086
LUCAND, PHILIPPE	2,348,857	MCGILL UNIVERSITY	2,309,510	NAUGHTON, JOE L.	2,322,550
LUCENT TECHNOLOGIES, INC.	2,342,533	MCKAY, ALBERT A.	2,325,242	NAUS, CHRISTIAN C. G.	2,322,554
LUCENT TECHNOLOGIES, INC.	2,342,538	MCKEE, JIM	2,309,941	NEC CORPORATION	2,348,731
LUCENT TECHNOLOGIES, INC.	2,342,546	MCQUIBBAN, G. ANGUS	2,307,705	NECHAY, BETTINA A.	2,345,591
LUCENT TECHNOLOGIES, INC.	2,342,558	MCQUIBBAN, G. ANGUS	2,316,405	NELSON, JACK THOMAS	2,345,877
LUCENT TECHNOLOGIES, INC.	2,342,559	MEDINOL LTD.	2,349,384	NEO, SER LEE	2,310,436
LUCENT TECHNOLOGIES, INC.	2,342,730	MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG	2,348,260	NESS, JOHN ANDREW	2,348,133
LULO, ROBERT	2,349,023	MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG	2,348,264	NETHERCOTT, GARY	2,310,169
LYSTEK INTERNATIONAL, INC.	2,349,803	MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG	2,348,966	NEUBAUER, WILLIAM C.	2,326,459
LYU, JEONG-UN	2,345,865	MEVELLEC, FRANCK	2,309,795	NEXANS	2,349,141
M&N PLASTICS, INC.	2,348,291	MICHAELIS, PAUL ROLLER	2,343,661	NGK SPARK PLUG CO., LTD.	2,349,228
MA, PETER P.	2,310,295	MICHEEV, PAVEL P.	2,348,834	NICHIHA CORPORATION	2,349,462
		MILLER, THOMAS J., JR.	2,345,591	NIEMCZURA, RAYMOND J., SR.	2,345,854
		MINAMI, YUTAKA	2,349,063	NINTENDO CO., LTD.	2,349,046
				NIPPON SHINPAN CO., LTD.	2,348,309
				NISHIGUCHI, SHIGEO	2,349,139
				NISHIKAWA, KENICHI	2,349,228
				NISSHINBO INDUSTRIES, INC.	2,348,858
				NOIRET, NICOLAS	2,309,795

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NORTEL NETWORKS LIMITED	2,344,788	GLUHLAMPEN MBH	2,346,576	REYNOLDS, STEVEN M.	2,345,854
NORTEL NETWORKS LIMITED	2,347,555	PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE		REZMER-COOPER, IAIN	2,348,554
NORTEL NETWORKS LIMITED	2,348,121	GLUHLAMPEN MBH	2,349,082	RHEE, JIM	2,348,964
NORTEL NETWORKS LIMITED	2,349,140	PATIN, HENRI	2,309,795	RHEIMS, JORG	2,348,815
NORTEL NETWORKS LIMITED	2,349,214	PATRITO, DONATO	2,347,920	RICARD, GARY ROSS	2,339,480
NOUSSIS, ADAM	2,309,870	PAUL, GERALD S.	2,348,826	RICHTER, JACOB	2,348,972
NUIYA, YOSHIO	2,349,090	PCYI NETWORK CORPORATION	2,310,364	RICHTER, JACOB	2,349,384
NU-WAVE PHOTONICS INC.	2,310,219	PECHAL, KENNETH CHARLES	2,344,848	RIKEN	2,347,249
NYE, MARK E.	2,309,938	PELLETIER, DARCY	2,310,164	RITTER, DAVID	2,349,379
OAK-MITSUI, INC.	2,345,829	PELLETIER, HENRY	2,309,872	RITTNER, KAROLA	2,346,163
O'CONNELL, MICHAEL A.	2,349,043	PELLOUX-GERVAIS, PIERRE	2,348,331	ROBERTS, KIM B.	2,347,555
OIL-RITE CORPORATION	2,347,573	PEREGO, CARLO	2,349,118	ROBINSON, JAMES W.	2,343,993
OKO, RICHARD	2,307,128	PETERSON, RICHARD L.	2,349,104	ROCKWELL ELECTRONIC COMMERCE CORP.	2,344,756
OKUTA, MICHITAKA	2,343,091	PETTIT, WILLIAM HENRY	2,339,585	RODEN, JIMMY C.	2,340,189
OLUND, DAVID C.	2,344,329	PFIZER INC.	2,348,847	ROGALA, JEFFREY A.	2,348,362
OMASA, RYUSHIN	2,349,156	PFIZER INC.	2,349,057	ROGEAUX, ERIC	2,348,803
OMRON CORPORATION	2,349,058	PFIZER PRODUCTS INC.	2,349,136	ROHM AND HAAS COMPANY	2,343,423
ONG, PING-WEN	2,342,558	PFIZER PRODUCTS INC.	2,349,142	ROHM AND HAAS COMPANY	2,347,309
ONO, YOSHIO	2,347,518	PHARAND, JEAN-FRANCOIS	2,340,835	ROHM AND HAAS COMPANY	2,347,441
OOBA, TSUNETOSHI	2,349,058	PIETRUCH, WALTER P.	2,349,104	ROKE MANOR RESEARCH LIMITED	2,347,592
OOTOMO, TAKATOSHI	2,349,058	PINCHASIK, GREGORY	2,349,384	ROKE MANOR RESEARCH LIMITED	2,347,924
OPENHEART LTD.	2,309,780	PLATT, NILS	2,348,680	ROKE MANOR RESEARCH LIMITED	2,348,368
OPPMANN, EWALD A.	2,349,104	POINTNER, PETER	2,349,321	ROLLAND, JOHN	2,310,158
OREGON HEALTH SCIENCES UNIVERSITY	2,307,128	POPOVICI, CORINA	2,349,429	ROSEBERRY, DAVID E.	2,345,854
OSADA, HIROYUKI	2,347,249	POTTER, ROBERT	2,310,366	ROSEN PRODUCTS, LLC	2,349,148
OSTROVSKY, VALERY	2,348,581	PREFERRED ENGINEERING PRODUCTS, LTD.	2,309,928	ROSENBAUER, GEORG	2,346,576
OTSUKA, TAKERU	2,348,290	PREMARK RWP HOLDINGS, INC.	2,344,848	ROTACH, HANSJORG	2,340,474
OUTLOOKSOFT CORPORATION	2,348,222	PREMIUM VEGETABLE OILS BERHAD	2,315,464	ROTACH, HANSJORG	2,341,092
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OVERALL, CHRISTOPHER MARK	2,307,705	PROTEIN TECHNOLOGIES INTERNATIONAL INC.	2,310,288	ROTHENBURGER, MATHIAS	2,348,264
OVERALL, CHRISTOPHER MARK	2,316,405	PROTEIN TECHNOLOGIES INTERNATIONAL INC.	2,310,290	ROUCOUX, ALAIN	2,309,795
OZAWA, CHIZUO	2,321,392	PROTEIN TECHNOLOGIES INTERNATIONAL INC.	2,310,294	ROYCE, JOHN HENRY	2,309,849
PACEY, MICHAEL STEPHEN	2,348,847	PUJIE, MILOS D.	2,349,140	RUBIN, HARVEY	2,342,533
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PALLHORN, SVEN	2,349,302	PURVIS, DANIEL CHARLES II	2,344,848	SAETHER, TORSTEIN	2,348,846
PALLHORN, SVEN	2,349,323	PX RESEARCH & DEVELOPMENT LIMITED	2,349,084	SAHASRANAMAM, U. R.	2,315,464
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PANCANADIAN PETROLEUM LIMITED	2,310,546	RECHERMANN, JOHANN	2,346,576	SANDNER, TANJA	2,348,260
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