

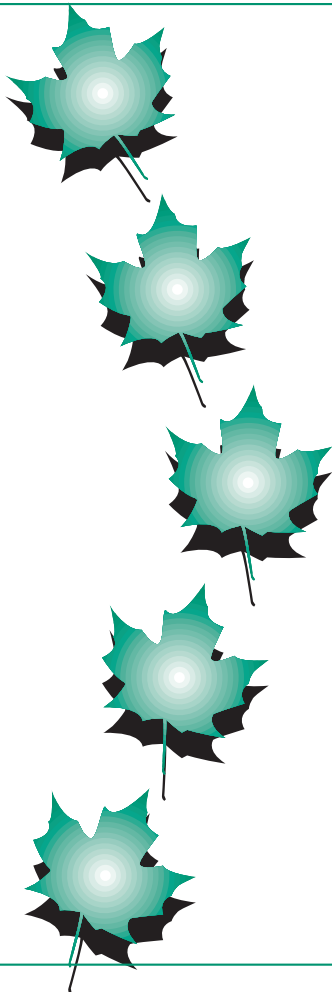


**Canadian  
Intellectual Property  
Office**

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Industry Canada

**Office de la propriété  
intellectuelle  
du Canada**

Un organisme  
d'Industrie Canada



**The Patent  
Office  
Record**

**La Gazette  
du Bureau  
des brevets**

Vol. 129, No. 46 November 13, 2001

Vol. 129, N° 46 le 13 novembre 2001

**Canada**



# THE PATENT OFFICE RECORD

## LA GAZETTE DU BUREAU DES BREVETS

David Tobin  
Commissioner of Patents

David Tobin  
Commissaire aux brevets

The Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Hull, Canada, to whom all communications other than those concerning subscriptions or requests for single copies should be addressed.

The Patent Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

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.

Le Bureau des brevets ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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Since the issue of November 2, 1999, Public Works & Government Services Canada (PWGSC) is no longer managing subscriptions to the *Patent Office Record* (POR). PWGSC will provide subscribers with a credit and/or refund for the unused portion of their subscription.

The POR has been made available, free of charge, on CIPO's website at [cipo.gc.ca](http://cipo.gc.ca) or [strategis.ic.gc.ca/patents/record](http://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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### 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](http://opic.gc.ca) ou [strategis.ic.gc.ca/brevets/gazette](http://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.

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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](http://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](http://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](http://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](http://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.

2,243,105

### 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.

2,243,105

### 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 SEPTEMBER 1, 2001

#### BARÈME DE TAXES À PARTIR DU 01 SEPTEMBRE 2001

FEES	AMOUNTS \$
1. <b>Transmittal Fee:</b> (Rule 14)	200.00
2*. <b>Basic Fee:</b>	562.00
Amount for each additional sheet over 30	13.00
3. <b>Designation Fee:</b> (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** 1,232.00  
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. <b>Taxe de transmission:</b> (Règle 14)	200,00
2*. <b>Taxe de base:</b>	562,00
Montant pour chaque feuille au delà de 30	13,00
3. <b>Taxe de désignation</b> (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** 1 232,00  
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](mailto:publications.mail@wipo.int) or visit their website at <http://www.wipo.int>.

### 15. Canadian Laid-Open Applications

The Patent Office Record of November 13, 2001 contains laid-open applications from October 21, 2001 - October 27, 2001.

### 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](mailto: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 21 octobre 2001 - 27 octobre 2001.

# Canadian Patents Issued

November 13, 2001

## Brevets canadiens délivrés

13 novembre 2001

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[11] **1,341,318**  
[13] C

[52] 195-1.22 195-1.34 195-1.35 195-1.235  
195-39.1

[51] **Int.Cl. 7C12N 15/15 7C07K 14/81**

[25] EN

[54] **DNA CLONES OF HUMAN**

**PLACENTAL PLASMINOGEN**

**ACTIVATOR INHIBITOR**

[54] **CLONES D'ADN DE**

**L'INHIBITEUR DE L'ACTIVATEUR DU**

**PLASMINOGENE PLACENTAIRE**

**HUMAIN**

[72] Wun, Tze-Chein, US

[72] Sadler, Jasper Evan, US

[73] MONSANTO COMPANY, US

[73] WASHINGTON UNIVERSITY, US

[21] **577,421**

[22] 1988-09-14

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[72] Mulligan, Richard C., US

[73] Howard Hughes Medical Institute, US

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[54] **TAUPE**

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[72] Glen, Stephen James, GB

[73] LATTICE INTELLECTUAL

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[72] Tasson, Brian B., US

[73] ALLIANT TECHSYSTEMS INC., US

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**ASSAYS, METHODS AND KITS**

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[72] Washburn, William N., US

[73] THE REGENTS OF THE

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**SILICON-DETECTOR-ARRAY FOR**

**REAL-TIME IMAGING AND**

**DOSIMETRY OF MEGAVOLTAGE**

**PHOTONS AND DIAGNOSTIC X-RAYS**

[54] **RESEAU DE DETECTION MULTI-**

**ELEMENT EN SILICIUM AMORPHE**

**POUR L'IMAGERIE ET LA**

**DOSIMETRIE DE DIAGNOSTIC OU DE**

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[72] Antonuk, Larry E., US

[72] Street, Robert A., US

[73] UNIVERSITY OF MICHIGAN, US

[73] XEROX CORPORATION, US

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[72] Gough, David A., US

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[73] THE REGENTS OF THE

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RADIOPROTECTIVE AGENTS

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[72] Snyder, Ronald D., US

[73] MERRELL PHARMACEUTICALS

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[72] Bitonti, Alan J., US

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[72] LAMPERT, Norman Roger, US

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MATERIAL

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[72] BROWN, Ian L., AU  
[72] MCNAUGHT, Kenneth J., AU  
[72] GANLY, Robert G., AU  
[72] CONWAY, Patricia Lynne, AU  
[72] WANG, Xin, AU  
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SYSTEME D'EJECTION DE BULLES  
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CIRCUIT  
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[73] NEC CORPORATION, JP  
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[54] **A DEVICE FOR CONTROLLING  
FREE-BURN RATE OF AND REDUCING  
SIDESTREAM SMOKE FROM A  
CIGARETTE AND THE LIKE  
DISPOSITIF POUR REGULER LA  
VITESSE DE COMBUSTION LIBRE  
D'UNE CIGARETTE ET SIMILAIRE,  
AINSI QUE POUR REDUIRE LA FUMEE  
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[54] **CARGO LOAD SUPPORTING AIR  
BAG HAVING INFLATION  
INDICATING MEANS, AND METHOD  
OF DETERMINING PROPER  
INFLATION FOR SPACED LOADS  
COUSSIN GONFLABLE POUR LA  
STABILISATION DE MARCHANDISES  
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[54] **PROCEDE ET APPAREIL PERMETTANT D'UTILISER LE LAITIER DE HAUT FOURNEAU DANS LA PRODUCTION DE CLINKER**  
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[73] Texas Industries, Inc., US  
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[54] **DIODE DE CIRCUIT INTEGRE HAUTE TENSION DOTEED D'UN NOEUD D'INJECTION DE CHARGES**  
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[72] ASADA, Eiichi, JP  
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[73] IMAGE DATA, L.L.C., US  
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[54] **PROCEDE ET SYSTEME INTELLIGENT DE GESTION MEMOIRE**  
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[72] ELLIS, Michael Dean, US  
[73] UNITED VIDEO PROPERTIES, INC., US  
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[54] **MATELAS A PLUSIEURS DEGRES DE FERMETE**  
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[54] **VERROU A VERROUILLAGE AUTOMATIQUE**  
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[72] GONSER, Gerhard, DE  
[73] EFF-EFF FRITZ FUSS GMBH & CO. KOMMANDITGESELLSCHAFT AUF AKTIEN, DE  
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[54] **LSP PREDICTION CODING UTILIZING A PREDETERMINED BEST PREDICTION MATRIX BASED UPON PAST FRAME INFORMATION**  
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[54] **BLOC DE CONNEXION POUR SYSTEMES DE MISE A FEU DE MINES**  
[72] TSEKA, Thomas C., US  
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[72] FRITZ, James E., US  
[73] THE ENSIGN-BICKFORD COMPANY, US  
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[73] INFORMATION SYSTEM DEVELOPMENT INSTITUTE, JP  
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[11] **2,240,673**  
[13] C

[51] **Int.Cl. 6H04M 1/274 6H04M 1/53**  
[25] EN  
[54] **APPARATUS AND METHOD FOR DIALING OUT OF LOCAL AREA TELEPHONE CALLS**  
[54] **APPAREIL ET METHODE POUR LA COMPOSITION D'APPELS TELEPHONIQUES A L'EXTERIEUR DE LA ZONE LOCALE**  
[72] BURG, Frederick Murray, US  
[72] KATSEFF, Howard P., US  
[72] ROBINSON, Bethany S., US  
[73] AT&T CORP., US  
[22] 1998-06-15  
[30] US (08/884,206) 1997-06-27

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[11] **2,242,300**  
[13] C

[51] **Int.Cl. 6C09J 131/04**  
[25] EN  
[54] **ADHESIVE FOR DIFFICULT TO BOND SURFACES**  
[54] **ADHESIFS POUR SURFACE DIFFICILES A LIER**  
[72] GODDARD, Richard Joseph, US  
[72] DANIELS, Christian Leonard, US  
[72] LORENZ, Randolph John, US  
[73] AIR PRODUCTS AND CHEMICALS, INC., US  
[22] 1998-07-02  
[30] US (08/890,436) 1997-07-09

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[11] \* **2,243,105**  
[13] C

[51] **Int.Cl. 6E21B 43/22**  
[25] EN  
[54] **VAPOUR EXTRACTION OF HYDROCARBON DEPOSITS**  
[54] **EXPLOITATION DE GISEMENTS D'HYDROCARBURES SOUS PRESSION ELEVEE PAR INJECTION DE VAPEUR**  
[72] MOKRYS, Igor J., CA  
[72] MOKRYS, Igor J., CA  
[73] VAPEX TECHNOLOGIES INTL. INC., CA  
[73] MOKRYS, Igor J., CA  
[22] 1998-07-10

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[11] **2,243,690**  
[13] C  
[51] **Int.Cl. 6G01V 3/11**  
[25] EN  
[54] **METAL DETECTOR TARGET IDENTIFICATION USING FLASH PHASE ANALYSIS**  
[54] **IDENTIFICATION DE CIBLE A DETECTEUR DE METAL UTILISANT L'ANALYSE DE LA PHASE D'ECLAIR**  
[72] EARLE, John L., US  
[73] WHITE'S ELECTRONICS, INC., US  
[22] 1998-07-22  
[30] US (60/077,786) 1998-03-11

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[11] **2,255,346**  
[13] C  
[51] **Int.Cl. 6H04J 14/02**  
[25] EN  
[54] **OPTICAL MULTIPLEXOR/DEMULTIPLEXOR**  
[54] **MULTIPLEXEUR-DEMULTIPLEXEUR OPTIQUE**  
[72] CEARNS, Kevin J., CA  
[72] SI, Calvin, CA  
[73] JDS FITEL INC., CA  
[22] 1998-12-09  
[30] US (09/025,468) 1998-02-18

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[11] **2,261,062**  
[13] C  
[51] **Int.Cl. 6C23C 16/26 6C01B 31/04 6C30B 29/04**  
[25] EN  
[54] **HARD GRAPHITE-LIKE MATERIAL BONDED BY DIAMOND-LIKE FRAMEWORK**  
[54] **MATERIAU SIMILAIRE AU GRAPHITE DUR LIE PAR UNE STRUCTURE SIMILAIRE AU DIAMANT**  
[72] DORFMAN, Benjamin F., US  
[73] DORFMAN, Benjamin F., US  
[85] 1999-01-18  
[86] 1997-06-12 (PCT/US97/10347)  
[87] (WO97/48836)  
[30] US (08/666,873) 1996-06-17

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[11] **2,265,871**  
[13] C  
[51] **Int.Cl. 6B68G 7/00 6B65B 5/00 6B23P 11/02 6B21D 39/03**  
[25] EN  
[54] **METHOD AND APPARATUS FOR FORMING POCKETED SPRINGS**  
[54] **PROCEDE ET DISPOSITIF POUR FORMER DES RESSORTS ENFERMES DANS DES POCHEs**  
[72] MAULDIN, Michael, US  
[72] KUCHEL, Bernhard Walter, US  
[73] SIMMONS COMPANY, US  
[85] 1999-03-09  
[86] 1997-09-08 (PCT/US97/15303)  
[87] (WO98/11015)  
[30] US (08/711,484) 1996-09-10

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[11] **2,265,944**  
[13] C  
[51] **Int.Cl. 6A01M 1/06**  
[25] EN  
[54] **COUNTERFLOW INSECT TRAP**  
[54] **PIEGE A CONTRE-COURANT POUR INSECTES**  
[72] WIGTON, Bruce E., US  
[72] LONNGREN, Kenneth, US  
[72] MILLER, Mark H., US  
[73] AMERICAN BIOPHYSICS CORPORATION, US  
[85] 1999-03-15  
[86] 1997-09-09 (PCT/US97/15965)  
[87] (WO98/11774)  
[30] US (08/718,643) 1996-09-17

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[11] **2,266,822**  
[13] C  
[51] **Int.Cl. 6D21C 7/00 6D21C 7/14**  
[25] EN  
[54] **SCREEN PLATE IN A CELLULOSE PULPING VESSEL**  
[54] **TOLE PERFOREE DANS UN RECIPIENT DE FABRICATION DE PATE A PAPIER**  
[72] SHEERER, Jay K., US  
[73] AHLSTROM MACHINERY INC., US  
[22] 1999-03-24  
[30] US (09/248,005) 1999-02-10

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[11] **2,285,341**  
[13] C  
[51] **Int.Cl. 6H04N 1/028 6H04N 1/19**  
[25] EN  
[54] **IMAGE SENSOR CHIP AND IMAGE READING APPARATUS INCORPORATING THE SAME**  
[54] **MICROPLAQUETTE DE DETECTION D'IMAGE ET DISPOSITIF DE LECTURE D'IMAGE LA COMPORTANT**  
[72] SAWADA, HIDEKI, JP  
[73] ROHM CO., LTD., JP  
[85] 1999-09-29  
[86] 1999-01-28 (PCT/JP99/00373)  
[87] (WO99/39502)  
[30] JP (10-19046) 1998-01-30

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[11] **2,286,518**  
[13] C  
[51] **Int.Cl. 6A63F 1/06**  
[25] EN  
[54] **BRIDGE BIDDING AND DISPLAY DEVICE**  
[54] **DISPOSITIF AFFICHEUR POUR JEU DE BRIDGE**  
[72] MAYTHENYI, CHARLES R., US  
[73] MAYTHENYI, CHARLES R., US  
[22] 1999-11-02  
[30] US (09/414,699) 1999-10-07

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[11] **2,290,704**  
[13] C  
[51] **Int.Cl. 7B67D 3/00**  
[25] EN  
[54] **LIQUID CONTAINER AND MOUTH THEREOF**  
[54] **CONTENANT A LIQUIDE ET BEC CONNEXE**  
[72] SASAKI, YASUYUKI, JP  
[73] DAI NIPPON INSATSU KABUSHIKI KAISHA, JP  
[22] 1991-04-11  
[62] 2,040,283  
[30] JP (2-95574) 1990-04-11

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[11] **2,303,505**

[13] C

[51] **Int.Cl. 7C12P 21/08 7C07K 16/18  
7C12N 5/18 7G01N 33/573 7G01N 33/574  
7G01N 33/577**

[25] EN

[54] **A MONOCLONAL ANTIBODY  
AGAINST ESTROGEN STIMULATED  
LEUCINE AMINOPEPTIDASE**

[54] **ANTICORPS MONOCLONAL  
ANTI-LEUCINE AMINOPEPTIDASE  
STIMULEE PAR L'OESTROGENE**

[72] PULIDO-CEJUDO, GABRIEL, CA

[73] **HER MAJESTY THE QUEEN IN  
RIGHT OF CANADA AS REPRESENTED  
BY THE MINISTER, CA**

[22] 2000-03-30

[30] CA (2,267,481) 1999-03-30



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[21] <b>2,304,991</b> [13] A1 [51] Int.Cl. 7C12N 15/40 7C12N 7/01 7A61K 39/12 7C12Q 1/70 7C12N 15/86 [25] EN [54] SYNTHETIC GENE OF BOVINE VIRAL DIARRHOEA VIRUS [54] GENE SYNTHETIQUE DU VIRUS DE LA DIARRHEE VIRALE DES BOVINS [72] KEIL, GUNTHER MICHAEL, DE [71] AKZO NOBEL N.V., NL [22] 2000-04-26 [43] 2001-10-26	[21] <b>2,305,611</b> [13] A1 [51] Int.Cl. 7G09F 23/00 7G07F 9/00 7H04L 12/16 7G06F 17/60 [25] EN [54] METHOD AND SYSTEM FOR DYNAMIC DISPLAY OF MARKETING CAMPAIGN ON VENDING MACHINES VIA A NETWORK [54] METHODE ET SYSTEME D’AFFICHAGE DYNAMIQUE D’UNE CAMPAGNE DE MARKETING SUR DES DISTRIBUTEURS AUTOMATIQUES PAR L’INTERMEDIAIRE D’UN RESEAU [72] ROSCOE, DAVID M., CA [72] DUCZMAL, TOMASZ, CA [71] ROSCOE, DAVID M., CA [71] DUCZMAL, TOMASZ, CA [22] 2000-04-25 [43] 2001-10-25	[21] <b>2,305,737</b> [13] A1 [51] Int.Cl. 7B25B 23/00 [25] EN [54] SCREW HEAD & DRIVER ASSY [54] ENSEMBLE DE TETES ET DE TOURNEVIS [72] ANDERSON, RAYMOND L., CA [71] ANDERSON, RAYMOND L., CA [22] 2000-04-25 [43] 2001-10-25
[21] <b>2,305,494</b> [13] A1 [51] Int.Cl. 7H04L 12/16 7H04L 12/12 [25] EN [54] METHOD OF IDENTIFYING A VISITOR TO A WEBSITE AND USING INFORMATION ABOUT THE IDENTIFIED VISITOR TO CONDITIONALLY DISPLAY INFORMATION ON SAID WEBSITE [54] METHODE PERMETTANT D’IDENTIFIER UN VISITEUR D’UN SITE WEB ET D’UTILISER DES RENSEIGNEMENTS SUR LE VISITEUR IDENTIFIE POUR AFFICHER CONDITIONNELLEMENT DES DONNEES SUR LEDIT SITE WEB [72] BROADWAY, ROBERT M., CA [71] BROADWAY, ROBERT M., CA [22] 2000-04-22 [43] 2001-10-22	[21] <b>2,305,633</b> [13] A1 [51] Int.Cl. 7G01S 5/14 7A63B 71/06 7G06F 17/40 [25] EN [54] OUTDOOR COMPETITOR GPS-BASED DATA LOGGER [54] ENREGISTREUR DE DONNEES GPS POUR COMPETITION EN PLEIN AIR [72] JANKOWSKI, TOMASZ, CA [72] PLAMONDON, GERALD, CA [71] JANKOWSKI, TOMASZ, CA [71] PLAMONDON, GERALD, CA [22] 2000-04-25 [43] 2001-10-25	[21] <b>2,305,862</b> [13] A1 [51] Int.Cl. 7A01G 23/10 7A01G 23/14 [25] FR [54] DISPOSITIF DE RECOLTE DE LA SEVE [54] SAP HARVESTING DEVICE [72] DUMAS, MARTIN, CA [71] DUMAS, MARTIN, CA [22] 2000-04-24 [43] 2001-10-24
	[21] <b>2,305,863</b> [13] A1 [51] Int.Cl. 7G01S 5/14 7A63B 71/06 7G06F 17/40 [25] EN [54] OUTDOOR COMPETITOR GPS-BASED DATA LOGGER [54] ENREGISTREUR DE DONNEES GPS POUR COMPETITION EN PLEIN AIR [72] JANKOWSKI, TOMASZ, CA [72] PLAMONDON, GERALD, CA [71] JANKOWSKI, TOMASZ, CA [71] PLAMONDON, GERALD, CA [22] 2000-04-25 [43] 2001-10-25	[21] <b>2,305,863</b> [13] A1 [51] Int.Cl. 7A01G 23/08 [25] FR [54] MECANISME D’INCLINAISON ET DE ROTATION D’UNE TETE D’ABATTAGE D’ARBRES [54] MECHANISM FOR TILTING AND ROTATING A FELLING HEAD [72] GAUDREULT, PIERRE, CA [71] GAUDREULT, PIERRE, CA [22] 2000-04-25 [43] 2001-10-25

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[21] 2,305,880  
[13] A1

[51] **Int.Cl. 7H04L 12/16**  
[25] EN  
[54] **A SYSTEM AND METHOD BEING AN ELECTRONIC EXCHANGE MADE AVAILABLE VIA A WIDE AREA NETWORK ARRANGEMENT ENABLING A PLURALITY OF CONSUMER(S) TO PURCHASE PHARMACEUTICALS AND/OR PHARMACEUTICAL PRODUCT(S) VIA A SYSTEM OF COLLECTIVE BULK PURCHASES, AND WHICH SYSTEM MAY FURTHER ENABLE CONSUMER(S) TO BUY AND/OR SELL PRODUCT(S) WITHOUT TAKING POSSESSION AND/OR DELIVERY**  
[54] **SYSTEME ET METHODE D'ECHANGE ELECTRONIQUE PAR L'INTERMEDIAIRE D'UN RESEAU ETENDU PERMETTANT A UN GRAND NOMBRE DE CONSOMMATEURS D'ACHETER DES PRODUITS PHARMACEUTIQUES A L'AIDE D'UN SYSTEME D'ACHATS COLLECTIFS EN BLOC, PERMETTANT AUSSI AUX CONSOMMATEURS D'ACHETER ET/OU DE VENDRE DES PRODUITS SANS PRISE DE POSSESSION NI/OU LIVRAISON**  
[72] HORNE, ANDREA J., CA  
[72] BARRETT, BRAD C., CA  
[71] HORNE, ANDREA J., CA  
[71] BARRETT, BRAD C., CA  
[22] 2000-04-25  
[43] 2001-10-25

[21] 2,306,041  
[13] A1

[51] **Int.Cl. 7A01K 85/02**  
[25] EN  
[54] **BODIES ARTIFICIAL OF MINNOWS AND HOOK LEVER SETTING MECHANISM**  
[54] **LEURRES DE PECHE ET MECANISME DE REGLAGE DE BRAS D'AMECON**  
[72] GAMMIERI, LUIGI, CA  
[71] GAMMIERI, LUIGI, CA  
[22] 2000-04-27  
[43] 2001-10-27

[21] 2,306,322  
[13] A1

[51] **Int.Cl. 7E21B 10/32**  
[25] EN  
[54] **UNDERREAMER FOR REDUCING DAMAGE TO COAL SEAMS**  
[54] **ELARGISSEUR POUR REDUIRE L'ENDOMMAGEMENT DES FILONS DE CHARBON**  
[72] ROZAK, ALEXANDER THOMAS, CA  
[71] ROZAK, ALEXANDER THOMAS, CA  
[22] 2000-04-27  
[43] 2001-10-27

[21] 2,306,515  
[13] A1

[51] **Int.Cl. 7H04N 13/02 7H04L 12/16**  
[25] EN  
[54] **INTERNET STEREO VISION, 3D DIGITIZING, AND MOTION CAPTURE CAMERA**  
[54] **VISION STEREO INTERNET, NUMERISATION 3D ET CAMERA DE SAISIE DE MOUVEMENT**  
[72] UNKNOWN, ZZ  
[71] INSPECK INC., CA  
[22] 2000-04-25  
[43] 2001-10-25

[21] 2,306,530  
[13] A1

[51] **Int.Cl. 7A61B 5/00**  
[25] EN  
[54] **APPARATUS AND METHODS FOR FETAL MAGNETOMETRY**  
[54] **APPAREIL ET METHODES POUR LA MAGNETOMETRIE FOETALE**  
[72] ROBINSON, STEPHEN ELLIS, CA  
[72] FIFE, ALISTAIR ANGUS, CA  
[72] VRBA, JIRI, CA  
[72] TILLOTSON, MARK ALAN, CA  
[71] CTF SYSTEMS INC., CA  
[22] 2000-04-25  
[43] 2001-10-25

[21] 2,306,534  
[13] A1

[51] **Int.Cl. 7A61C 7/12**  
[25] EN  
[54] **ORTHODONTIC TOOLS**  
[54] **INSTRUMENTS D'ORTHODONTIE**  
[72] VOUDOURIS, JOHN, CA  
[71] VOUDOURIS, JOHN, CA  
[22] 2000-04-25  
[43] 2001-10-25

[21] 2,306,539  
[13] A1

[51] **Int.Cl. 7A61C 19/00**  
[25] EN  
[54] **GNATHOLOGICAL BITE OPENER**  
[54] **INSTRUMENT D'OCCLUSODONTIE D'OUVERTURE D'ARTICULE DENTAIRE**  
[72] VOUDOURIS, JOHN, CA  
[71] VOUDOURIS, JOHN, CA  
[22] 2000-04-25  
[43] 2001-10-25

[21] 2,306,543  
[13] A1

[51] **Int.Cl. 7G06F 17/60 7G07G 1/14 7H04L 12/16**  
[25] EN  
[54] **CUSTOM COUPON PROCESS**  
[54] **PROCEDE PERSONNALISE POUR COUPONS**  
[72] LYONS, GERALD RAY, US  
[72] SHIRLEY, TERRY JOE, US  
[72] CLARK, JAMES D., US  
[71] CONSUMER NETWORKS, INC., US  
[22] 2000-04-25  
[43] 2001-10-25

[21] 2,306,579  
[13] A1

[51] **Int.Cl. 7G06F 17/60 7G06F 3/033 7G06F 17/30**  
[25] EN  
[54] **DOCUMENT-BASED DATABASE MANAGEMENT SYSTEM AND METHOD**  
[54] **SYSTEME ET METHODE DE GESTION D'UNE BASE DE DONNEES A BASE DE DOCUMENTS**  
[72] ANNAND, RITCHIE IAN, CA  
[72] PERRY, GARRY ERWIN, CA  
[71] MALIBU ENGINEERING AND SOFTWARE LTD., CA  
[22] 2000-04-25  
[43] 2001-10-21  
[30] US (09/553,959) 2000-04-21

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[21] **2,306,581**  
[13] A1

[51] **Int.Cl. 7E04G 5/06**  
[25] EN  
[54] **CLAMP FOR SCAFFOLDING PLANKS AND METHOD**  
[54] **BRIDE DE SERRAGE DE PLANCHES D'ECHAFAUDAGE ET METHODE D'UTILISATION**  
[72] DIANA, FLAVIO LUCIANO, CA  
[71] DIANA, FLAVIO LUCIANO, CA  
[22] 2000-04-25  
[43] 2001-10-25

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[21] **2,306,586**  
[13] A1

[51] **Int.Cl. 7H04L 12/12 7H04L 29/06**  
[25] EN  
[54] **METHOD AND PROTOCOL FOR CLIENT INITIATED FUNCTION CALLS TO A WEB-BASED DISPATCH SERVICE**  
[54] **METHODE ET PROTOCOLE POUR DES APPELS DE FONCTION LANCES PAR UN ABONNE ET DESTINES A UN SERVICE DE DEPECHE AXE SUR LE WEB**  
[72] TASALLOTI, MATHEW, CA  
[71] EDISPATCH.COM WIRELESS DATA INC., CA  
[22] 2000-04-26  
[43] 2001-10-26

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[21] **2,306,592**  
[13] A1

[51] **Int.Cl. 7H01M 8/04**  
[25] EN  
[54] **FUEL CELL**  
[54] **PILE A COMBUSTIBLE**  
[72] WORTH, BRIAN, IT  
[71] EUROPEAN COMMUNITY REPRESENTED BY THE COMMISSION OF THE EUROPEAN COMMUNI, LU  
[22] 2000-04-26  
[43] 2001-10-26

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[21] **2,306,610**  
[13] A1

[51] **Int.Cl. 7E05F 7/06 7E05F 1/04**  
[25] EN  
[54] **ECCENTRICALLY MOUNTED PLUG FOR OPERATIVELY CONNECTING TORSION SPRINGS TO OVERHEAD SHAFTS OF COUNTERBALANCING SYSTEMS USED FOR GARAGE DOORS AND THE LIKE**  
[54] **CHEVILLE MONTEE DE FACON EXCENTREE AFIN DE RELIER DES RESSORTS DE TORSION A DES ARBRES EN TETE DE SYSTEMES D'EQUILIBRAGE POUR PORTES DE GARAGE ET ARTICLES SEMBLABLES**  
[72] BEAUDOIN, MICHEL, CA  
[72] BOURASSA, LUC, CA  
[72] FOUCAULT, PIERRE-LOUIS, CA  
[72] CHARPENTIER, DOMINIC, CA  
[72] SAVARD, NORMAND, CA  
[71] CANIMEX INC., CA  
[22] 2000-04-25  
[43] 2001-10-25

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[21] **2,306,614**  
[13] A1

[51] **Int.Cl. 7H04B 1/18**  
[25] EN  
[54] **DUAL BAND RECEIVER**  
[54] **RECEPTEUR A DEUX BANDES**  
[72] PHANG, WAYNE M., US  
[72] MCKINNEY, JOHN K., US  
[71] MOTOROLA, INC., US  
[22] 2000-04-26  
[43] 2001-10-26

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[21] **2,306,617**  
[13] A1

[51] **Int.Cl. 7B60N 3/18**  
[25] EN  
[54] **CHILLED DRINKING WATER SUPPLY FOR AUTOMOTIVE VEHICLES**  
[54] **APPAREIL D'ALIMENTATION EN EAU POTABLE FRAICHE POUR VEHICULES AUTOMOBILES**  
[72] KRITCHMAN, JEROLD, US  
[71] KRITCHMAN, JEROLD, US  
[22] 2000-04-26  
[43] 2001-10-26

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[21] **2,306,620**  
[13] A1

[51] **Int.Cl. 7B62B 9/10 7B62B 7/08 7F16C 11/10**  
[25] EN  
[54] **PIVOT CONNECTOR FOR A FOLDABLE STROLLER FRAME**  
[54] **ARTICULATION POUR ARMATURE DE POUSETTE PLIABLE**  
[72] LAN, RED, TW  
[71] LAN, RED, TW  
[22] 2000-04-26  
[43] 2001-10-26

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[21] **2,306,621**  
[13] A1

[51] **Int.Cl. 7B62B 9/10 7B60B 37/10**  
[25] EN  
[54] **MOUNTING DEVICE FOR MOUNTING A FRONT WHEEL AXLE ON A STROLLER FRAME**  
[54] **DISPOSITIF D'INSTALLATION D'AXE DE ROUE AVANT SUR UN CHASSIS DE CHARIOT**  
[72] LAN, RED, TW  
[71] LAN, RED, TW  
[22] 2000-04-26  
[43] 2001-10-26

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[21] **2,306,641**  
[13] A1

[51] **Int.Cl. 7G06T 5/00 7H04N 1/58**  
[25] EN  
[54] **IDENTIFYING INTRINSIC PIXEL COLORS IN A REGION OF UNCERTAIN PIXELS**  
[54] **IDENTIFICATION DE COULEURS DE PIXELS INTRINSEQUES DANS UNE REGION DE PIXELS INCERTAINS**  
[72] WILENSKY, GREGG D., US  
[72] NEWELL, MARTIN E., US  
[71] ADOBE SYSTEMS INCORPORATED, US  
[22] 2000-04-25  
[43] 2001-10-25

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[21] **2,306,645**  
[13] A1

[51] **Int.Cl. 7B62B 9/16**  
[25] EN  
[54] **WHEELED CARRIAGE**  
[54] **CHARIOT A ROUE**  
[72] LAN, RED, TW  
[71] LAN, RED, TW  
[22] 2000-04-26  
[43] 2001-10-26

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[21] **2,306,648**  
[13] A1  
[51] **Int.Cl. 7B25B 15/00**  
[25] EN  
[54] **MAGNETIC SCREWDRIVER**  
[54] **TOURNEVIS MAGNETIQUE**  
[72] RILEY, DAVID, CA  
[71] RILEY, DAVID, CA  
[22] 2000-04-26  
[43] 2001-10-26

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[21] **2,306,649**  
[13] A1  
[51] **Int.Cl. 7H04J 14/00**  
[25] EN  
[54] **OPTICAL ADDRESS DECODER**  
[54] **DECODEUR D'ADRESSE OPTIQUE**  
[72] NIR, DAVID, IL  
[71] LYNX PHOTONIC NETWORKS INC.,  
IL  
[22] 2000-04-25  
[43] 2001-10-25

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[21] **2,306,659**  
[13] A1  
[51] **Int.Cl. 7E02B 11/00**  
[25] EN  
[54] **SYSTEM FOR INFILTRATING  
WATER INTO THE GROUND**  
[54] **SYSTEME D'INFILTRATION  
D'EAU DANS LE SOL**  
[72] JOWETT, E. CRAIG, CA  
[71] JOWETT, E. CRAIG, CA  
[22] 2000-04-26  
[43] 2001-10-26

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[21] **2,306,665**  
[13] A1  
[51] **Int.Cl. 7G01R 19/00 7H02J 9/00**  
[25] EN  
[54] **FLOAT CURRENT MEASURING  
PROBE AND METHOD**  
[54] **SONDE DE MESURE DU COURANT  
D'ENTRETIEN, ET METHODE**  
[72] BERNIER, MARTIN, CA  
[72] MAILLOUX, MICHEL, CA  
[71] MULTITEL INC., CA  
[22] 2000-04-26  
[43] 2001-10-26

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[21] **2,306,674**  
[13] A1  
[51] **Int.Cl. 7G06F 17/40 7G06F 17/60**  
[25] EN  
[54] **MEDICATION TRACKING  
SYSTEM**  
[54] **SYSTEME DE LOCALISATION DE  
MEDICAMENTS**  
[72] DEAN, SHARRON, CA  
[71] DEAN, SHARRON, CA  
[22] 2000-04-26  
[43] 2001-10-26

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[21] **2,306,683**  
[13] A1  
[51] **Int.Cl. 7F21S 4/00**  
[25] EN  
[54] **DECORATIVE LIGHT**  
[54] **LAMPE DECORATIVE**  
[72] TSAI, HUNG-CHI, TW  
[71] TSAI, HUNG-CHI, TW  
[22] 2000-04-26  
[43] 2001-10-26

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[21] **2,306,690**  
[13] A1  
[51] **Int.Cl. 7E01C 11/24**  
[25] EN  
[54] **CARRIAGEWAY SURFACING**  
[54] **REVETEMENT DE VOIE  
CARROSSABLE**  
[72] RUZICKA, MOJMIR, CZ  
[71] BLASTRAK-MORAVA, SPOL.S.R.O.,  
CZ  
[22] 2000-04-26  
[43] 2001-10-26

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[21] **2,306,711**  
[13] A1  
[51] **Int.Cl. 7H04L 12/16**  
[25] EN  
[54] **AN ELECTRONIC WIRELESS  
NETWORK AND/OR SYSTEM  
ARRANGEMENT ENABLING  
CONSUMERS TO LOCATE A  
GASOLINE RETAILER THAT HAS THE  
LOWEST COST GASOLINE PRICE(S)  
IN A SPECIFIC GEOGRAPHICAL  
LOCALITY, AND FURTHER  
PURCHASE AND/OR RESERVE  
GASOLINE FOR FUTURE PURCHASE  
VIA A SIMILAR WIRELESS NETWORK  
ARRANGEMENT**  
[54] **RESEAU ELECTRONIQUE SANS  
FIL ET/OU CONFIGURATION DE  
SYSTEME PERMETTANT AUX  
CONSUMMATEURS DE LOCALISER  
UN DETAILLANT D'ESSENCE  
OFFRANT LE(S) PLUS BAS PRIX DE  
L'ESSENCE DANS UNE REGION  
GEOGRAPHIQUE PARTICULIERE, ET  
D'ACHETER OU DE RESERVER DE  
L'ESSENCE EN VUE DE SON ACHAT  
ULTERIEUR PAR L'INTERMEDIAIRE  
D'UNE CONFIGURATION DE RESEAU  
SANS FIL SIMILAIRE**  
[72] BARRETT, BRAD C., CA  
[72] HORNE, ANDREA J., CA  
[71] BARRETT, BRAD C., CA  
[71] HORNE, ANDREA J., CA  
[22] 2000-04-27  
[43] 2001-10-27

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[21] **2,306,735**  
[13] A1  
[51] **Int.Cl. 7B24B 3/33**  
[25] EN  
[54] **GRINDING CUP HAVING  
OPTIMIZED DRIVE AND/OR  
CONTACT SURFACES**  
[54] **COUPELLE D'AFFUTAGE A  
COMMANDE ET/OU SURFACES DE  
CONTACT OPTIMISEES**  
[72] SJOLANDER, BO THOMAS, CA  
[71] SJOLANDER, BO THOMAS, CA  
[22] 2000-04-27  
[43] 2001-10-27

**Demandes canadiennes mises à la disponibilité du public**  
**21 octobre 2001 - 27 octobre 2001**

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[21] **2,306,941**  
[13] A1

[51] **Int.Cl. 7C23C 4/10 7F01D 5/28**  
[25] EN  
[54] **MULTILAYER THERMAL BARRIER COATINGS**  
[54] **REVETEMENTS MULTICOUCHES POUR ISOLATION THERMIQUE**  
[72] SHANKER, KARTIK, CA  
[71] STANDARD AERO LTD., CA  
[22] 2000-04-27  
[43] 2001-10-27

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[21] **2,306,959**  
[13] A1

[51] **Int.Cl. 7C08L 69/00 7C08L 97/02 7C08L 89/04**  
[25] EN  
[54] **A PLANT FIBER COMPOSITE MATERIAL, ITS PRODUCTS AND A PROCESSING METHOD THEREOF**  
[54] **MATERIAU COMPOSITE EN FIBRES VEGETALES, PRODUITS FABRIQUES AVEC CE MATERIAU ET METHODE DE TRAITEMENT CONNEXE**  
[72] TONG, WANG YOU, CN  
[71] ENVIRO CONCEPT LTD., MT  
[22] 2000-04-26  
[43] 2001-10-26

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[21] **2,306,966**  
[13] A1

[51] **Int.Cl. 7E04G 11/08**  
[25] EN  
[54] **APPARATUS AND METHOD FOR CAST PANEL FABRICATION AND POST-FORMED FIXTURING**  
[54] **DISPOSITIF ET METHODE DE FABRICATION DE PANNEAUX MOULES ET DE MONTAGE POST-FORME**  
[72] JANEWAY, DAVID, CA  
[71] JANEWAY, DAVID, CA  
[22] 2000-04-27  
[43] 2001-10-27

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[21] **2,306,975**  
[13] A1

[51] **Int.Cl. 7C08J 9/30 7C08F 10/02 7C08J 9/228 7C08G 63/88**  
[25] EN  
[54] **FLEXIBLE, LOW DENSITY THERMOPLASTIC FOAMS AND METHODS FOR LOWERING THE DENSITY AND INCREASING THE FLEXIBILITY OF THERMOPLASTIC FOAMS**  
[54] **MOUSSES THERMOPLASTIQUES SOUPLES, DE FAIBLE DENSITE ET METHODES POUR ABAISSER LA DENSITE ET AUGMENTER LA SOUPLESSE DE MOUSSES THERMOPLASTIQUES**  
[72] WEIBEL, JUERG PATRIK, US  
[72] KREISER, DAVID W., US  
[72] DINKEL, ALLAN L., US  
[71] ARMSTRONG WORLD INDUSTRIES, INC., US  
[22] 2000-04-27  
[43] 2001-10-27

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[21] **2,307,055**  
[13] A1

[51] **Int.Cl. 7B65G 53/42 7B08B 5/04**  
[25] EN  
[54] **GRAIN VACUUM AND METHOD FOR VACUUMING GRAIN**  
[54] **DISPOSITIF A DEPRESSION ET METHODE DE MISE SOUS VIDE DES GRAINS**  
[72] CLOSE, JON, CA  
[71] BRANDT INDUSTRIES, LTD., CA  
[22] 2000-04-26  
[43] 2001-10-26

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[21] **2,307,168**  
[13] A1

[51] **Int.Cl. 7F16L 25/00**  
[25] EN  
[54] **PLUMBING FITTING WITH HUB**  
[54] **RACCORD DE TUYAUTERIE A EMBOITEMENT**  
[72] COSCARELLA, GABE, CA  
[71] COSCARELLA, GABE, CA  
[22] 2000-04-27  
[43] 2001-10-27

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[21] **2,307,170**  
[13] A1

[51] **Int.Cl. 7E21B 34/06 7F16K 24/04 7F16L 55/07**  
[25] EN  
[54] **QUICK FLOW RELEASE VALVE**  
[54] **VALVE DE VIDANGE RAPIDE**  
[72] PAPADOPOULOS, NICK, CA  
[71] PAPADOPOULOS, NICK, CA  
[22] 2000-04-27  
[43] 2001-10-27

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[21] **2,307,172**  
[13] A1

[51] **Int.Cl. 7H02H 7/26**  
[25] EN  
[54] **ARC FAULT CIRCUIT DETECTOR DEVICE DETECTING PULSE WIDTH MODULATION OF ARC NOISE**  
[54] **DISPOSITIF DETECTEUR DE DEFAUT D'ARC UTILISANT LA MODULATION D'IMPULSIONS EN DUREE DE BRUIT D'ARC**  
[72] MACBETH, BRUCE F., US  
[72] PACKARD, THOMAS N., US  
[71] PASS & SEYMOUR, INC., US  
[22] 2000-04-27  
[43] 2001-10-27

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[21] **2,307,176**  
[13] A1

[51] **Int.Cl. 7A01D 47/00 7A01D 34/28**  
[25] EN  
[54] **HEADER WITH FLEXIBLE CROP CUTTING KNIFE**  
[54] **ECIMEUSE A LAME DE COUPE SOUPLE**  
[72] FOX, THOMAS RUSSELL, CA  
[71] MACDON INDUSTRIES LTD., CA  
[22] 2000-04-27  
[43] 2001-10-27

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[21] **2,307,521**  
[13] A1  
[51] **Int.Cl. 7G06F 17/60 7G07G 1/12 7H04L 12/16**  
[25] EN  
[54] **REMOTE POINT OF SALE SYSTEM**  
[54] **SYSTEME A POINT(S) DE VENTE ELOIGNE(S)**  
[72] NOBLE, KEITH EDWARD, CA  
[72] VANDENBOSSCHE, CURTIS ALLEN, CA  
[72] BELCHER, RICHARD D., CA  
[72] HAWTHORN, BRADLEY JOHN, CA  
[71] SOFT TRACKS ENTERPRISES LTD., CA  
[22] 2000-04-28  
[43] 2001-10-27  
[30] US (09/559,278) 2000-04-27

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[21] **2,310,348**  
[13] A1  
[51] **Int.Cl. 7C01B 15/10 7C11D 3/08 7C11D 3/395**  
[25] EN  
[54] **GRANULAR COATED SODIUM PERCARBONATE FOR DETERGENT AND ITS MANUFACTURING PROCESS**  
[54] **GRANULES DE PERCARBONATE DE SODIUM ENROBES POUR DETERGENTS ET METHODE DE FABRICATION DE CE PRODUIT**  
[72] LEE, JONG PILL, KR  
[72] LEE, SANG HWA, KR  
[72] KIM, YONG IL, KR  
[72] SHUR, SUN KI, KR  
[71] ORIENTAL CHEMICAL INDUSTRIES CO., LTD., KR  
[22] 2000-05-31  
[43] 2001-10-26  
[30] KR (2000-22251) 2000-04-26

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[21] **2,311,049**  
[13] A1  
[51] **Int.Cl. 7B08B 9/032 7F16L 58/02**  
[25] EN  
[54] **CLEANING AND MAINTENANCE PIPE LINE WITH HIGH-PRESSURE AIR**  
[54] **CURAGE ET ENTRETIEN DE CONDUITES PAR AIR A HAUTE PRESSION**  
[72] WANG, XIAO JUN, CA  
[72] WANG, XIAO MING, CA  
[71] WANG, XIAO JUN, CA  
[71] WANG, XIAO MING, CA  
[22] 2000-06-19  
[43] 2001-10-21  
[30] CN (00115422.2) 2000-04-21

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[21] **2,312,180**  
[13] C  
[51] **Int.Cl. 7B42F 9/00**  
[25] EN  
[54] **CLIPBOARD WITH DUAL CLAMPING MEMBERS**  
[54] **PLANCHETTE A DEUX PINCES**  
[72] VILLENEUVE, GERALD, CA  
[71] VILLENEUVE, GERALD, CA  
[22] 2000-07-05  
[43] 2001-10-23

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[21] **2,313,966**  
[13] A1  
[51] **Int.Cl. 7B60R 21/16 7D03D 1/02**  
[25] EN  
[54] **AIRBAG CUSHION EXHIBITING A LOW FABRIC WEIGHT FACTOR AND SIMULTANEOUSLY HIGH AVAILABLE INFLATION AIRSPACE VOLUME**  
[54] **COUSSIN DE SAC GONFLABLE AYANT EN MEME TEMPS UN FAIBLE FACTEUR DE POIDS DE TISSU ET UN HAUT VOLUME DE GONFLAGE DE VIDE D'AIR**  
[72] KESHAVARAJ, RAMESH, US  
[71] MILLIKEN & COMPANY, US  
[22] 2000-07-17  
[43] 2001-10-25  
[30] US (09/557,444) 2000-04-25

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[21] **2,314,594**  
[13] A1  
[51] **Int.Cl. 7A61F 9/02**  
[25] EN  
[54] **SWIMMING GOGGLES**  
[54] **LUNETTES DE NATATION**  
[72] CHIANG, HERMAN, TW  
[71] CHIANG, HERMAN, TW  
[22] 2000-07-26  
[43] 2001-10-26  
[30] CN (234102.6) 2000-04-26

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[21] **2,314,601**  
[13] A1  
[51] **Int.Cl. 7A61F 9/02**  
[25] EN  
[54] **AN INNOVATED TYPE OF SWIMMING GOGGLES**  
[54] **LUNETTES DE NATATION DE TYPE NOVATEUR**  
[72] CHIANG, HERMAN, TW  
[71] CHIANG, HERMAN, TW  
[22] 2000-07-26  
[43] 2001-10-24  
[30] CN (209964.0) 2000-04-24

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[21] **2,315,991**  
[13] A1  
[51] **Int.Cl. 7H04N 5/30 7G06F 3/12**  
[25] EN  
[54] **ELECTRONIC IMAGE CAPTURE AND PHOTOGRAPHIC PROOFING SYSTEM AND METHOD**  
[54] **SYSTEME ET METHODE DE SAISIE D'IMAGE ELECTRONIQUE ET DE TIRAGE D'EPREUVES**  
[72] HOLDEN, DOUGLAS A., US  
[71] HASCO INTERNATIONAL, INC., US  
[22] 2000-08-14  
[43] 2001-10-27  
[30] US (09/560244) 2000-04-27

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[21] **2,316,492**  
[13] A1  
[51] **Int.Cl. 7B62K 5/02**  
[25] EN  
[54] **CHILDREN'S TRICYCLE**  
[54] **TRICYCLE POUR ENFANTS**  
[72] KETTLER, HEINZ, DE  
[71] HEINZ KETTLER GMBH & CO., DE  
[22] 2000-08-17  
[43] 2001-10-27  
[30] DE (200 07 608.6) 2000-04-27

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[21] **2,318,710**  
[13] A1  
[51] **Int.Cl. 7C02F 3/02**  
[25] EN  
[54] **SEWAGE TREATMENT PLANT**  
[54] **STATION D'EPURATION DES EAUX USEES**  
[72] TSIGONIS, ROBERT C., US  
[71] TSIGONIS, ROBERT C., US  
[22] 2000-09-13  
[43] 2001-10-26  
[30] US (09/558,489) 2000-04-26

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**21 octobre 2001 - 27 octobre 2001**

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[21] **2,319,149**  
[13] A1

[51] **Int.Cl. 7C07H 21/00 7A61K 48/00 7A61P 21/00 7C12N 15/11 7A61K 9/19 7A61K 31/70**  
[25] EN  
[54] **MEDICAMENT FOR TREATMENT OF DUCHENNE MUSCULAR DYSTROPHY**  
[54] **MEDICAMENT POUR TRAITER LA DYSTROPHIE MUSCULAIRE PROGRESSIVE DE DUCHENNE**  
[72] MATSUO, MASAFUMI, JP  
[72] TAKESHIMA, YASUHIRO, JP  
[71] JCR PHARMACEUTICALS CO., LTD., JP  
[71] MATSUO, MASAFUMI, JP  
[22] 2000-09-27  
[43] 2001-10-26  
[30] JP (2000-125448) 2000-04-26

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[21] **2,323,394**  
[13] A1

[51] **Int.Cl. 7G03G 7/00 7B42D 12/02**  
[25] EN  
[54] **MULTIPART LASER LICENSING SHEET WITH DECALS AND/OR PATCHES**  
[54] **FEUILLE MULTIELEMENT D'IMMATRICULATION PAR IMPRIMANTE LASER, AVEC DECALCOMANIES ET (OU) PASTILLES**  
[72] EMMERT, DAVID, US  
[71] MOORE NORTH AMERICA, INC., US  
[22] 2000-10-16  
[43] 2001-10-27  
[30] US (09/559,178) 2000-04-27

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[21] **2,325,186**  
[13] A1

[51] **Int.Cl. 7E04D 3/06 7E04B 7/02 7E04C 3/02 7E06B 3/04 7A01G 9/14 7E06B 1/36**  
[25] EN  
[54] **CONTAINMENT FRAMING SYSTEM**  
[54] **SYSTEME DE CHARPENTE DE SERRE**  
[72] SANTAVICCA, PIETRO N., US  
[71] ROUGH BROTHERS, INC., US  
[22] 2000-11-07  
[43] 2001-10-27  
[30] US (09/560,080) 2000-04-27

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[21] **2,327,420**  
[13] A1

[51] **Int.Cl. 7B67C 11/02**  
[25] EN  
[54] **DISPOSABLE FUNNEL**  
[54] **ENTONNOIR JETABLE**  
[72] WIETHOFF, STEPHANIE S., US  
[71] MOORE NORTH AMERICA, INC., US  
[22] 2000-12-01  
[43] 2001-10-26  
[30] US (09/558,494) 2000-04-26

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[21] **2,328,523**  
[13] A1

[51] **Int.Cl. 7F23K 3/02 7F16K 1/22**  
[25] EN  
[54] **EXHAUSTER DIFFUSER DISCHARGE VALVE**  
[54] **SOUPAPE DE DECHARGE DE DIFFUSEUR DE VENTILATEUR D'EXTRACTION**  
[72] WARK, RICKEY E., US  
[71] SURE ALLOY STEEL CORPORATION, US  
[22] 2000-12-14  
[43] 2001-10-25  
[30] US (09/557,136) 2000-04-25

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[21] **2,329,578**  
[13] A1

[51] **Int.Cl. 7A63C 5/00**  
[25] EN  
[54] **STEERING SKI FOR SNOW VEHICLES**  
[54] **SKI DE DIRECTION POUR VEHICULES CIRCULANT SUR LA NEIGE**  
[72] MORIYAMA, TAKASHI, JP  
[71] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP  
[22] 2000-12-22  
[43] 2001-10-24  
[30] JP (HEI 2000-122951) 2000-04-24

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[21] **2,330,506**  
[13] A1

[51] **Int.Cl. 7B30B 15/00**  
[25] EN  
[54] **METHOD OF CONTROLLING SYNCHRONOUS DRIVE OF PRESSING MACHINE AND PRESSING MACHINE USABLE IN THE METHOD**  
[54] **METHODE DE COMMANDE DE L'ENTRAINEMENT SYNCHRONE D'UNE MACHINE A PRESSER ET MACHINE A PRESSER UTILISABLE AVEC CETTE METHODE**  
[72] NARITA, SHINICHI, JP  
[71] AIDA ENGINEERING, LTD., JP  
[22] 2001-01-09  
[43] 2001-10-24  
[30] JP (2000-122935) 2000-04-24  
[30] JP (2000-122936) 2000-04-24  
[30] JP (2000-122937) 2000-04-24

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[21] **2,330,895**  
[13] A1

[51] **Int.Cl. 7C08G 73/10**  
[25] EN  
[54] **PROCESS TO OBTAIN POLYGLYCOLYL UREA FROM AROMATIC DIGLYCINATES FOR ELECTRIC CONDUCTOR INSULATION**  
[54] **PROCESSUS DE PRODUCTION DE L'UREE DE POLYGLYCOL A PARTIR DE DIGLYCINATES AROMATIQUES POUR L'ISOLATION DE CONDUCTEURS ELECTRIQUES**  
[72] CHIO, ARJONA ALEJANDRO RAFAEL, MX  
[72] DIAZ, GONZALEZ CARLOS, MX  
[71] SERVICIOS CONDUMEX S.A. DE C.V., MX  
[22] 2001-01-11  
[43] 2001-10-26  
[30] MX (004019) 2000-04-26

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[21] **2,332,244**  
[13] A1

[51] **Int.Cl. 7E21B 43/00**  
[25] EN  
[54] **SYSTEM AND METHOD FOR ENHANCED CONDITIONING OF WELL FLUIDS CIRCULATING IN AND AROUND ARTIFICIAL LIFT ASSEMBLIES**  
[54] **SYSTEME ET METHODE DE CONDITIONNEMENT AMELIORE DE LIQUIDES DE Puits CIRCULANT DANS DES ENSEMBLES D'ASCENSION ARTIFICIELLE**  
[72] ST. CLAIR, ALBERT DAVID WILLIAM, US  
[72] DEMPSEY, ROBERT TIMOTHY, US  
[72] TETZLAFF, STEVEN KEITH, US  
[72] OLSON, DAVID LESTER, US  
[71] BAKER HUGHES INCORPORATED, US  
[22] 2001-01-25  
[43] 2001-10-21  
[30] US (09/556,744) 2000-04-21

[21] **2,337,672**  
[13] A1

[51] **Int.Cl. 7H04L 12/16 7H04Q 7/20 7G06F 17/60**  
[25] EN  
[54] **PAYMENT FOR NETWORK-BASED COMMERCIAL TRANSACTIONS USING A MOBILE PHONE**  
[54] **PAIEMENT DE TRANSACTIONS COMMERCIALES EN RESEAU, FAISANT APPEL A UN TELEPHONE MOBILE**  
[72] MOSER, MICHAEL, CH  
[72] HERMANN, RETO, CH  
[72] HUSEMANN, DIRK, CH  
[72] SCHADE, ANDREAS, CH  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 2001-02-22  
[43] 2001-10-26  
[30] EP (00108820.2) 2000-04-26

[21] **2,338,963**  
[13] A1

[51] **Int.Cl. 7H04Q 7/36 7H04L 12/56 7H04L 12/66**  
[25] EN  
[54] **APPARATUS METHOD AND SYSTEM FOR MAINTAINING CALL CONTROL AT A GATEWAY MOBILE SWITCHING CENTER UTILIZING A PACKET NETWORK**  
[54] **APPAREILLAGE, METHODE ET SYSTEME POUR ASSURER LA COMMANDE D'APPEL A UN CENTRAL MOBILE DE PASSERELLE FAISANT APPEL A UN RESEAU A COMMUTATION PAR PAQUETS**  
[72] THOMPSON, ROBIN JEFFREY, US  
[72] RILEY, DOUGLAS HARVEY, US  
[72] HUDEPOHL, THOMAS EDWARD, US  
[72] CALABRESE, ROBERT THOMAS, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2001-02-28  
[43] 2001-10-26  
[30] US (09/558,613) 2000-04-26

[21] **2,335,573**  
[13] A1

[51] **Int.Cl. 7G06F 17/60 7H04L 12/16**  
[25] EN  
[54] **SHOPPING PROMOTION METHOD AND SYSTEM**  
[54] **METHODE ET SYSTEME DE PROMOTION DU MAGASINAGE**  
[72] GREENWOOD, MICHAEL THOMAS, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 2001-02-09  
[43] 2001-10-21  
[30] US (09/551,673) 2000-04-21

[21] **2,337,986**  
[13] A1

[51] **Int.Cl. 7B62D 25/16 7B62D 63/06**  
[25] EN  
[54] **FENDER HAVING OFFSET LIGHT HOUSING**  
[54] **AILE MUNIE D'UN LOGEMENT DE LAMPE DECALE**  
[72] SHOEN, MARK VINCENT, US  
[71] U-HAUL INTERNATIONAL, INC., US  
[22] 2001-02-26  
[43] 2001-10-24  
[30] US (09/557,459) 2000-04-24

[21] **2,339,522**  
[13] A1

[51] **Int.Cl. 7H04M 11/06 7H04N 7/10**  
[25] EN  
[54] **PROVISIONING OF CABLE TELEPHONE SERVICE**  
[54] **FOURNITURE DE SERVICE DE TELEPHONIE PAR CABLE**  
[72] WILSON, FRANK VEN JR., US  
[72] TURNER, JAMES LEE, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2001-03-05  
[43] 2001-10-22  
[30] US (09/557,585) 2000-04-22

[21] **2,336,253**  
[13] A1

[51] **Int.Cl. 7G01M 1/02 7D06F 37/24**  
[25] EN  
[54] **BALL BALANCING MECHANISM**  
[54] **MECANISME D'EQUILIBRAGE A BILLES**  
[72] VANDE HAAR, EVAN R., US  
[71] MAYTAG CORPORATION, US  
[22] 2001-03-01  
[43] 2001-10-27  
[30] US (09/560,692) 2000-04-27

[21] **2,338,908**  
[13] A1

[51] **Int.Cl. 7A01G 23/00 7B66C 23/40 7B60P 3/40**  
[25] EN  
[54] **APPARATUS AND METHOD FOR REMOVING LOGS FROM A FORESTRY SITE**  
[54] **MATERIEL ET METHODE POUR L'ENLEVEMENT DE GRUMES D'UN EMPLACEMENT DE FORESTERIE**  
[72] ALSTER, L. GREGORY, US  
[71] CATERPILLAR INC., US  
[22] 2001-02-28  
[43] 2001-10-24  
[30] US (09/557,105) 2000-04-24

[21] **2,340,313**  
[13] A1

[51] **Int.Cl. 7G07B 17/00**  
[25] EN  
[54] **MACHINE READABLE CODED FRAME FOR PERSONAL POSTAGE**  
[54] **TRAME CODEE EXPLOITABLE PAR MACHINE POUR L'AFFRANCHISSEMENT POSTAL PERSONNEL**  
[72] DELMAN, H. MARK, US  
[72] DUMAS, PAULA K., US  
[72] PATTON, DAVID L., US  
[71] EASTMAN KODAK COMPANY, US  
[22] 2001-03-09  
[43] 2001-10-26  
[30] US (09/558,204) 2000-04-26  
[30] US (09/577,762) 2000-05-24

**Demandes canadiennes mises à la disponibilité du public**  
**21 octobre 2001 - 27 octobre 2001**

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[21] **2,340,496**  
[13] A1

[51] **Int.Cl. 7H04L 12/16 7G06F 17/00**  
[25] EN  
[54] **OWNER IDENTIFYING METHOD OF COLLABORATION WORK OBJECT, COMPUTER SYSTEM AND COMPUTER READABLE RECORDING MEDIUM**  
[54] **METHODE D'IDENTIFICATION DU PROPRIETAIRE D'UN OBJET DE TRAVAIL COOPERATIF, SYSTEME INFORMATIQUE ET SUPPORT D'ENREGISTREMENT LISIBLE PAR UN ORDINATEUR**  
[72] NAKAMURA, KOICHI, JP  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 2001-03-12  
[43] 2001-10-26  
[30] JP (2000-126622) 2000-04-26

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[21] **2,341,022**  
[13] A1

[51] **Int.Cl. 7B60Q 1/06**  
[25] EN  
[54] **MOTORIZED HEADLAMP ADJUSTER**  
[54] **DISPOSITIF DE REGLAGE MOTORISE DE PHARE AVANT**  
[72] DENLEY, RONALD S., US  
[71] ELCO TEXTRON INC., US  
[22] 2001-03-19  
[43] 2001-10-21  
[30] US (60/198,945) 2000-04-21

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[21] **2,341,137**  
[13] A1

[51] **Int.Cl. 7B61B 12/00**  
[25] EN  
[54] **CHAIR FOR A CABLEWAY SYSTEM**  
[54] **SIEGE POUR TRANSPORTEUR PAR CABLE**  
[72] OSTERLE, MANFRED, AT  
[71] INNOVA PATENT GMBH, AT  
[22] 2001-03-19  
[43] 2001-10-25  
[30] AT (A 720/2000) 2000-04-25

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[21] **2,342,060**  
[13] A1

[51] **Int.Cl. 7F16H 48/06**  
[25] EN  
[54] **LIMITED SLIP DIFFERENTIAL [54] DIFFERENTIEL A GLISSEMENT LIMITE**  
[72] GRUSZKOWSKI, JAMES A., US  
[72] NOWAKOWSKI, WESLEY P., US  
[72] CARINGELLA, ANTHONY R., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2001-03-26  
[43] 2001-10-26  
[30] US (09/558,714) 2000-04-26

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[21] **2,342,305**  
[13] A1

[51] **Int.Cl. 7C12N 7/04 7A61K 39/12 7A61K 39/39**  
[25] EN  
[54] **PESTIVIRUS MUTANTS AND VACCINES CONTAINING THE SAME**  
[54] **MUTANTS DU PESTIVIRUS ET VACCINS EN CONTENANT**  
[72] ORLICH, MICHAELA, DE  
[72] BECHER, PAUL, DE  
[72] THIEL, HEINZ-JURGEN, DE  
[71] AKZO NOBEL N.V., NL  
[22] 2001-04-20  
[43] 2001-10-21  
[30] EP (00201421.5) 2000-04-21

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[21] **2,342,380**  
[13] A1

[51] **Int.Cl. 7G06F 17/30**  
[25] EN  
[54] **DATA MINING TECHNIQUES FOR ENHANCING SHELF-SPACE MANAGEMENT**  
[54] **TECHNIQUES D'EXPLORATION DE DONNEES POUR AMELIORER LA GESTION D'ESPACE D'ETAGERE**  
[72] KURTZBERG, JEROME M., US  
[72] LEVANONI, MENACHEM, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 2001-03-28  
[43] 2001-10-27  
[30] US (09/559,379) 2000-04-27

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[21] **2,342,381**  
[13] A1

[51] **Int.Cl. 7E05C 3/06**  
[25] EN  
[54] **ANTI-RATTLE STRUCTURE FOR DOOR HANDLE**  
[54] **STRUCTURE ANTIVIBRATIONS POUR POIGNEE DE PORTE**  
[72] HLAVACEK, CONRAD E., US  
[72] MIKENIS, MARK R., US  
[72] CARLSON, SVEN E., US  
[72] BOONE, DONALD T., US  
[72] BOWDEN, PATRICK J., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2001-03-28  
[43] 2001-10-26  
[30] US (09/559,891) 2000-04-26

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[21] **2,342,560**  
[13] A1

[51] **Int.Cl. 7H01L 21/461**  
[25] EN  
[54] **METHOD OF FABRICATING COMPOUND SEMICONDUCTOR DEVICE AND APPARATUS FOR FABRICATING COMPOUND SEMICONDUCTOR DEVICE**  
[54] **METHODE DE PRODUCTION DE DISPOSITIFS A SEMI-CONDUCTEURS COMPOSES ET APPAREIL POUR PRODUIRE DE TELS DISPOSITIFS**  
[72] NAKAMURA, TAKAO, JP  
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP  
[22] 2001-03-29  
[43] 2001-10-27  
[30] JP (2000-127150) 2000-04-27  
[30] JP (2000-367050) 2000-12-01

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[21] **2,342,757**  
[13] A1

[51] **Int.Cl. 7A41D 13/12**  
[25] EN  
[54] **DISPOSABLE GOWN**  
[54] **BLOUSE JETABLE**  
[72] SAITO, AKIKO, JP  
[72] MATSUSHITA, MICHIO, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2001-04-04  
[43] 2001-10-21  
[30] JP (2000-120812) 2000-04-21

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Canadian Laid-Open Applications  
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[21] **2,342,996**  
[13] A1  
[51] **Int.Cl. 7E03C 1/04**  
[25] EN  
[54] **KITCHEN FAUCET SPOUT  
RETAINER**  
[54] **DISPOSITIF DE RETENUE DE BEC  
DE ROBINET DE CUISINE**  
[72] MCCORMICK, CHARLES ALLEN,  
US  
[72] COX, JEFFREY B., US  
[72] NASSER, EDWARD A., US  
[71] MOEN INCORPORATED, US  
[22] 2001-03-30  
[43] 2001-10-24  
[30] US (09/556,447) 2000-04-24

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[21] **2,343,482**  
[13] A1  
[51] **Int.Cl. 7A41D 13/12**  
[25] EN  
[54] **DISPOSABLE GOWN**  
[54] **BLOUSE JETABLE**  
[72] MATSUSHITA, MICHIO, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2001-04-05  
[43] 2001-10-27  
[30] JP (2000-128218) 2000-04-27

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[21] **2,343,526**  
[13] A1  
[51] **Int.Cl. 7A23L 2/58 7A23L 2/02**  
[25] EN  
[54] **CAROTENOID CONTAINING  
PRODUCT**  
[54] **PRODUIT CONTENANT DES  
CAROTENOIDES**  
[72] WISEMAN, SHEILA-ANN, NL  
[71] WISEMAN, SHEILA-ANN, NL  
[22] 2001-04-09  
[43] 2001-10-27  
[30] EP (00201503.0) 2000-04-27

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[21] **2,343,858**  
[13] A1  
[51] **Int.Cl. 7B01J 20/28 7A62B 23/02**  
[25] EN  
[54] **METHOD AND APPARATUS FOR  
PRODUCING A RESPIRATORY  
FILTER**  
[54] **METHODE ET DISPOSITIF DE  
FABRICATION DE FILTRE  
RESPIRATOIRE**  
[72] KRUGERKE, THOMAS, DE  
[72] KURTH, MARTIN, DE  
[72] BECKER, FRANK, DE  
[71] AUERGESELLSCHAFT GMBH, DE  
[22] 2001-04-12  
[43] 2001-10-27  
[30] DE (100 21 582.3-22) 2000-04-27

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[21] **2,343,872**  
[13] A1  
[51] **Int.Cl. 7H02H 9/02 7H02H 3/02**  
[25] EN  
[54] **SOLID STATE PROTECTION  
CIRCUIT FOR ELECTRICAL  
APPARATUS**  
[54] **CIRCUIT DE PROTECTION A  
SEMICONDUCTEURS POUR  
APPAREIL ELECTRIQUE**  
[72] HASTINGS, JEROME KENNETH, US  
[72] BLAND, KAREN SJAARDA, US  
[72] PAHL, BIRGER, US  
[72] BERKOPEC, WILLIAM EDWARD,  
US  
[72] HANSEN, JAMES EDWARD, US  
[72] GRITTER, DAVID JAMES, US  
[72] STRUNSEE, THOMAS EDWARD, US  
[72] HETZMANNSEDER, ENGELBERT,  
US  
[72] REID, SCOTT ANDERSON, US  
[72] WELLNER, EDWARD LOUIS, US  
[71] EATON CORPORATION, US  
[22] 2001-04-12  
[43] 2001-10-26  
[30] US (09/558,507) 2000-04-26

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[21] **2,343,926**  
[13] A1  
[51] **Int.Cl. 7A61B 17/68 7A61F 2/32**  
[25] EN  
[54] **METHOD AND APPARATUS FOR  
PERFORMING A MINIMALLY  
INVASIVE TOTAL HIP  
ANTHROPLASTY**  
[54] **METHODE ET APPAREIL POUR  
REALISER UNE ARTHROPLASTIE  
TOTALE DE HANCHE LA MOINS  
EFFRACTIVE POSSIBLE**  
[72] GREIG, KEVIN, US  
[72] MEARS, DANA, US  
[72] ZWIRKOSKI, PAUL A., US  
[71] BRISTOL-MYERS SQUIBB  
COMPANY, US  
[71] MEARS, DANA, US  
[22] 2001-04-12  
[43] 2001-10-26  
[30] US (09/558,044) 2000-04-26

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[21] **2,344,006**  
[13] A1  
[51] **Int.Cl. 7B22F 3/02**  
[25] EN  
[54] **A METHOD AND APPARATUS FOR  
COMPACTING A POWDER MATERIAL  
INTO A HOMOGENOUS ARTICLE**  
[54] **UNE METHODE ET UN APPAREIL  
POUR COMPACTER UN MATERIAU  
EN POUDRE ET EN FAIRE AINSI UN  
ARTICLE HOMOGENE**  
[72] GORANSSON, BO, SE  
[71] SKF NOVA AB, SE  
[22] 2001-04-17  
[43] 2001-10-27  
[30] SE (0001522-2) 2000-04-27

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[21] **2,344,009**  
[13] A1  
[51] **Int.Cl. 7B26D 7/27**  
[25] EN  
[54] **METHOD AND APPARATUS FOR  
APPLYING ADHESIVES TO THE  
EDGES OF A SLIT TUBE**  
[54] **METHODE ET APPLICATEUR  
D'ADHESIFS AUX BORDS D'UN TUBE  
FENDU**  
[72] PRINCELL, CHARLES M., US  
[72] FOX, STEVE A., US  
[72] ALVEY, BILL, US  
[72] CAMPBELL, ROBERT L., JR., US  
[71] PLASTIC TECHNOLOGY, INC., US  
[22] 2001-04-17  
[43] 2001-10-27  
[30] US (09/560,407) 2000-04-27

**Demandes canadiennes mises à la disponibilité du public**  
**21 octobre 2001 - 27 octobre 2001**

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[21] **2,344,016**  
[13] A1

[51] **Int.Cl. 7A01G 3/08**  
[25] EN  
[54] **PRUNER ATTACHMENT APPARATUS FOR A POWER TOOL**  
[54] **ACCESSOIRE D'ELAGAGE POUR OUTIL MECANIQUE**  
[72] WALDROP, ANGELA M., US  
[72] CAMPBELL, DAVID C., US  
[71] BLACK & DECKER INC., US  
[22] 2001-04-17  
[43] 2001-10-21  
[30] US (09/557,197) 2000-04-21

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[21] **2,344,018**  
[13] A1

[51] **Int.Cl. 7B22F 3/02 7B30B 11/00 7B21D 53/00 7B22F 5/00**  
[25] EN  
[54] **A DEVICE FOR FORMING ANNULAR ARTICLES FROM POWDER MATERIAL**  
[54] **DISPOSITIF DE FORMATION D'ARTICLES ANNULAIRES A PARTIR DE MATIERE POUFREUSE**  
[72] GORANSSON, BO, SE  
[71] SKF NOVA AB, SE  
[22] 2001-04-17  
[43] 2001-10-27  
[30] SE (0001523-0) 2000-04-27

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[21] **2,344,027**  
[13] A1

[51] **Int.Cl. 7F16L 33/20**  
[25] EN  
[54] **CONNECTOR FOR CONNECTING A HOSE TO A FLUID PATH WITHIN A BORE**  
[54] **DISPOSITIF DE RACCORDEMENT DE TUYAU SOUPLE A UN CIRCUIT DE FLUIDE DANS UN ALESAGE**  
[72] ADKINS, DELBERT L., US  
[72] KETCHAM, MARK G., US  
[71] TI GROUP AUTOMOTIVE SYSTEMS CORP., US  
[22] 2001-04-17  
[43] 2001-10-27  
[30] US (09/558,994) 2000-04-27

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[21] **2,344,087**  
[13] A1

[51] **Int.Cl. 7A01J 25/00**  
[25] EN  
[54] **APPARATUS FOR CUTTING AND STIRRING CURD**  
[54] **APPAREIL POUR COUPER ET BRASSER LE CAILLE**  
[72] SIPMA, SIJMEN, NL  
[72] HUITEMA, SJOERD, NL  
[71] TETRA LAVAL HOLDINGS & FINANCE S.A., CH  
[22] 2001-04-17  
[43] 2001-10-25  
[30] NL (1015016) 2000-04-25

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[21] **2,344,114**  
[13] A1

[51] **Int.Cl. 7F16K 31/04**  
[25] EN  
[54] **SPRING RETURNING A ROTARY VALVE WITH A DIFFERENTIAL PLANETARY DRIVE**  
[54] **RESSORT DE RAPPEL DE ROBINET ROTATIF A TRAIN PLANETAIRE DIFFERENTIEL**  
[72] KELLER, ROBERT D., US  
[71] EATON CORPORATION, US  
[22] 2001-04-12  
[43] 2001-10-25  
[30] US (09/557,652) 2000-04-25

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[21] **2,344,129**  
[13] A1

[51] **Int.Cl. 7C22B 11/00 7C22B 3/00**  
[25] EN  
[54] **ASSAYING AND/OR RECOVERING PRECIOUS METALS**  
[54] **ESSAI ET/OU RECUPERATION DE METAUX PRECIEUX**  
[72] KROFCHAK, DAVID, CA  
[72] BERARDI, ROBERTO, CA  
[71] FENICEM MINERALS INC., CA  
[22] 2001-04-17  
[43] 2001-10-24  
[30] US (09/564,389) 2000-04-24

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[21] **2,344,431**  
[13] A1

[51] **Int.Cl. 7B60D 1/167**  
[25] EN  
[54] **SELF-CENTERING TRAILER HITCH**  
[54] **ATTELAGE DE REMORQUE A CENTRAGE AUTOMATIQUE**  
[72] MELESKO, STEVEN DAVID, CA  
[72] WINSLOW, CHARLES ALLEN, CA  
[71] MELESKO, STEVEN DAVID, CA  
[71] WINSLOW, CHARLES ALLEN, CA  
[22] 2001-04-18  
[43] 2001-10-21  
[30] US (60/198,740) 2000-04-21

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[21] **2,344,510**  
[13] A1

[51] **Int.Cl. 7A23C 9/152 7A23C 9/18**  
[25] EN  
[54] **METHOD FOR PRODUCING MILK CALCIUM COMPOSITION**  
[54] **METHODE DE PRODUCTION D'UNE COMPOSITION A BASE DE CALCIUM DU LAIT**  
[72] SATO, KAORU, JP  
[72] TOMIZAWA, AKIRA, JP  
[72] KAWAMA, TOHIHIRO, JP  
[72] KAWACHI, YASUJI, JP  
[71] SNOW BRAND MILK PRODUCTS CO., LTD., JP  
[22] 2001-04-19  
[43] 2001-10-21  
[30] JP (2000-120272) 2000-04-21

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[21] **2,344,514**  
[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **MEDICAL INSURANCE SYSTEM**  
[54] **SYSTEME D'ASSURANCE MEDICALE**  
[72] ISHII, HIKARU, JP  
[71] ISHII, HIKARU, JP  
[22] 2001-04-24  
[43] 2001-10-25  
[30] JP (2000-124607) 2000-04-25

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[21] **2,344,522**  
[13] A1  
[51] **Int.Cl. 7E21B 47/12 7G01V 3/26 7G01V 3/32**  
[25] EN  
[54] **TOROIDAL RECEIVER FOR NMR MWD**  
[54] **RECEPTEUR TOROIDAL POUR MESURE DE FOND PENDANT LE FORAGE PAR RESONANCE MAGNETIQUE NUCLEAIRE**  
[72] WISLER, MACMILLAN M., US  
[72] GONSOULIN, BRYAN, US  
[72] THOMPSON, LARRY W., US  
[71] BAKER HUGHES INCORPORATED, US  
[22] 2001-04-24  
[43] 2001-10-25  
[30] US (09/557,441) 2000-04-25

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[21] **2,344,537**  
[13] A1  
[51] **Int.Cl. 7B65G 69/22 7E01F 15/00**  
[25] EN  
[54] **VEHICLE RESTRAINT WITH VERTICAL FLOAT**  
[54] **DISPOSITIF DE RETENUE DE VEHICULE A FLOTTEUR VERTICAL**  
[72] KISH, JOHN A., US  
[71] RITE-HITE HOLDING CORPORATION, US  
[22] 2001-04-24  
[43] 2001-10-26  
[30] US (09/558,520) 2000-04-26

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[21] **2,344,574**  
[13] A1  
[51] **Int.Cl. 7C07D 277/34 7C07D 403/00 7C07D 413/00 7C07D 417/00 7A61P 9/00 7A61P 3/04 7C07D 271/07 7A61P 3/10 7C07D 249/12 7A61P 25/24 7A61K 31/4196 7A61K 31/4245 7A61K 31/426**  
[25] EN  
[54] **THYROID RECEPTOR LIGANDS**  
[54] **LIGANDS DU RECEPTEUR DE LA THYROIDE**  
[72] CHIANG, YUAN-CHING PHOEBE, US  
[71] PFIZER PRODUCTS INC., US  
[22] 2001-04-19  
[43] 2001-10-21  
[30] US (60/199,044) 2000-04-21

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[21] **2,344,584**  
[13] A1  
[51] **Int.Cl. 7G04F 10/00 7G01S 5/14**  
[25] EN  
[54] **IMPROVEMENTS IN OR RELATING TO ELECTRONIC TIMING SYSTEMS**  
[54] **AMELIORATIONS DE SYSTEMES DE SYNCHRONISATION ELECTRONIQUES OU EN RAPPORT AVEC CES SYSTEMES**  
[72] STRIBLEY, KEITH ROLAND, GB  
[72] WEEDON, ROBERT JOHN, GB  
[71] ROKE MANOR RESEARCH LIMITED, GB  
[22] 2001-04-19  
[43] 2001-10-27  
[30] GB (0010147.7) 2000-04-27

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[21] **2,344,602**  
[13] A1  
[51] **Int.Cl. 7H04B 3/46 7H04L 12/26**  
[25] EN  
[54] **FAULT DETECTION FOR SUBSCRIBER LOOP REPEATERS**  
[54] **DETECTION DE PANNES DE REPETEURS DE LIGNES D'ABONNES**  
[72] SHENOI, KISHAN, US  
[72] BOGARDUS, GARY, US  
[72] SQUADRITO, SANDRO, US  
[71] SYMMETRICOM, INC., US  
[22] 2001-04-19  
[43] 2001-10-21  
[30] US (60/198,988) 2000-04-21  
[30] US (09/838,575) 2001-04-18

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[21] **2,344,614**  
[13] A1  
[51] **Int.Cl. 7H02G 7/12**  
[25] EN  
[54] **UTILITY LINE SPACER AND METHOD FOR MANUFACTURING SAME**  
[54] **ESPACEUR DE LIGNE D'ALIMENTATION DE SERVIDUTE ET METHODE DE FABRICATION**  
[72] BLANDING, DOUGLAS, US  
[71] NEW LINE CONCEPTS, LLC, US  
[22] 2001-04-19  
[43] 2001-10-21  
[30] US (09/557,576) 2000-04-21

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[21] **2,344,629**  
[13] A1  
[51] **Int.Cl. 7B60K 17/10**  
[25] EN  
[54] **FOUR WHEELED VEHICLE FOR TRAVELLING ON IRREGULAR ROAD**  
[54] **VEHICULE A QUATRE ROUES POUR SURFACE ACCIDENTEE**  
[72] HORI, YOSHIKI, JP  
[72] SHICHINOHE, TAKASHI, JP  
[72] OHRI, HIROSHI, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2001-04-19  
[43] 2001-10-26  
[30] JP (2000-125285) 2000-04-26

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[21] **2,344,713**  
[13] A1  
[51] **Int.Cl. 7H02G 3/02**  
[25] EN  
[54] **SELF-SECURING RACEWAY END CAP**  
[54] **EMBOUT SECURITAIRE POUR CANALISATION**  
[72] METHOT, DANIEL J., US  
[72] DeBARTOLO, JOSEPH V., JR., US  
[71] HUBBELL INCORPORATED, US  
[22] 2001-04-20  
[43] 2001-10-27  
[30] US (09/559,276) 2000-04-27

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[21] **2,344,724**  
[13] A1  
[51] **Int.Cl. 7B65D 33/01**  
[25] EN  
[54] **VENTILATED PLASTIC BAG**  
[54] **SAC VENTILE EN PLASTIQUE**  
[72] WILFONG, HARRY JR., US  
[72] FLETCHER, WADE, US  
[71] SONOCO DEVELOPMENT, INC., US  
[22] 2001-04-20  
[43] 2001-10-27  
[30] US (09/559,951) 2000-04-27

**Demandes canadiennes mises à la disponibilité du public**  
**21 octobre 2001 - 27 octobre 2001**

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[21] **2,344,730**  
[13] A1

[51] **Int.Cl. 7B60K 17/10 7B61H 13/20**  
[25] EN  
[54] **FOUR WHEELED VEHICLE FOR TRAVELING ON IRREGULAR ROAD**  
[54] **VEHICULE A QUATRE ROUES POUR SURFACE ACCIDENTEE**  
[72] HORI, YOSHIKI, JP  
[72] SHICHINOHE, TAKASHI, JP  
[72] OHRI, HIROSHI, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2001-04-19  
[43] 2001-10-26  
[30] JP (2000-125284) 2000-04-26

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[21] **2,344,751**  
[13] A1

[51] **Int.Cl. 7E21B 23/04**  
[25] EN  
[54] **DOWNHOLE HYDRAULIC POWER UNIT**  
[54] **BLOC HYDRAULIQUE DE FOND DE TROU**  
[72] MOORE, DARRELL, US  
[72] CLEMENS, JACK, US  
[72] CAMPBELL, MICHAEL, US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[22] 2001-04-24  
[43] 2001-10-25  
[30] US (09/558,695) 2000-04-25

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[21] **2,344,760**  
[13] A1

[51] **Int.Cl. 7H04L 29/06 7H04Q 7/36**  
[25] EN  
[54] **SUPPORTING IP ON ABIS INTERFACE**  
[54] **PRISE EN CHARGE DU PROTOCOLE IP SUR UNE INTERFACE ABIS**  
[72] CHEN, XIAOBAO X., GB  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2001-04-20  
[43] 2001-10-25  
[30] GB (0010059.4) 2000-04-25  
[30] GB (0020579.9) 2000-08-21

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[21] **2,344,731**  
[13] A1

[51] **Int.Cl. 7H02K 15/00 7H02K 15/02**  
[25] EN  
[54] **STATOR, DYNAMOELECTRIC MACHINE, AND METHODS FOR FABRICATING SAME**  
[54] **STATOR, MACHINE ELECTRODYNAMIQUE ET METHODES DE FABRICATION CONNEXES**  
[72] ONG, RAYMOND K.J., CA  
[72] SALASOO, LEMBIT, US  
[72] KLIMAN, GERALD BURT, US  
[72] YOUNG, JOHN, CA  
[71] GENERAL ELECTRIC CANADA INC., CA  
[22] 2001-04-19  
[43] 2001-10-25  
[30] US (60/199,424) 2000-04-25  
[30] US (09/681,253) 2001-03-08

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[21] **2,344,752**  
[13] A1

[51] **Int.Cl. 7E21B 43/119**  
[25] EN  
[54] **IMPROVED METHOD AND APPARATUS FOR LOCKING CHARGES INTO A CHARGE HOLDER**  
[54] **METHODE ET APPAREIL AMELIORES POUR BLOQUER DES CHARGES DANS UN PORTE-CHARGES**  
[72] GILBERT, JIM, US  
[72] GLENN, CORBIN, US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[22] 2001-04-24  
[43] 2001-10-25  
[30] US (09/558,694) 2000-04-25

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[21] **2,344,767**  
[13] A1

[51] **Int.Cl. 7H04Q 3/64 7G06F 17/60**  
[25] EN  
[54] **WAIT TIME PREDICTION ARRANGEMENT FOR NON-REAL-TIME CUSTOMER CONTACTS**  
[54] **METHODE DE PREVISION DE TEMPS D'ATTENTE POUR DES CONTACTS EN TEMPS NON REEL AVEC LES CLIENTS**  
[72] FLOCKHART, ANDREW D., US  
[72] HARRIS, MICHAEL JOSEPH, US  
[71] AVAYA TECHNOLOGY CORP., US  
[22] 2001-04-20  
[43] 2001-10-27  
[30] US (60/200,520) 2000-04-27  
[30] US (09/641,403) 2000-08-17

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[21] **2,344,735**  
[13] A1

[51] **Int.Cl. 7B01J 29/46 7B01D 53/56**  
[25] EN  
[54] **A PROCESS AND CATALYST FOR REDUCING NITROGEN OXIDES**  
[54] **UN PROCEDE ET UN CATALYSEUR POUR LA REDUCTION DES OXYDES D'AZOTE**  
[72] SCHAFFER-SINDLINGER, ADOLF, DE  
[72] DEMEL, YVONNE, DE  
[72] PFEIFER, MARCUS, DE  
[72] SPURK, PAUL, DE  
[72] KREUZER, THOMAS, DE  
[72] LOX, EGBERT, DE  
[71] DMC2 DEGUSSA METALS CATALYSTS CERDEC AG, DE  
[22] 2001-04-20  
[43] 2001-10-22  
[30] DE (100 20 100.8) 2000-04-22

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[21] **2,344,753**  
[13] A1

[51] **Int.Cl. 7H04M 1/73**  
[25] EN  
[54] **METHOD FOR EXTENDING THE USEFUL LIFE OF A CORDLESS TELEPHONE BACKUP BATTERY DURING A POWER OUTAGE CONDITION**  
[54] **METHODE DE PROLONGATION DE LA DUREE DE VIE D'UNE PILE DE SECOURS D'UN TELEPHONE SANS FIL PENDANT UNE PANNE DE COURANT**  
[72] BERNARD, BRUCE, CA  
[71] VTECH COMMUNICATIONS, LTD., HK  
[22] 2001-04-24  
[43] 2001-10-25  
[30] US (09/557,692) 2000-04-25

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[21] **2,344,771**  
[13] A1

[51] **Int.Cl. 7H01B 17/00 7H01B 19/02 7H01B 17/54**  
[25] EN  
[54] **HIGH-VOLTAGE INSULATION SYSTEM**  
[54] **SYSTEME D'ISOLATION HAUTE TENSION**  
[72] KOENIG, FRIEDRICH, CH  
[72] LAKNER, MARTIN, CH  
[71] ABB RESEARCH LTD., CH  
[22] 2001-04-20  
[43] 2001-10-25  
[30] DE (100 20 228.4) 2000-04-25

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October 21, 2001 - October 27, 2001

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[21] **2,344,773**  
[13] A1  
[51] **Int.Cl. 7D04D 7/10 7B31D 5/04**  
[25] EN  
[54] **DECORATIVE BOW**  
[54] **ARCHE DECORATIVE**  
[72] RAMIREZ, JAMES R., US  
[71] HALLMARK CARDS,  
INCORPORATED, US  
[22] 2001-04-20  
[43] 2001-10-27  
[30] US (09/560,035) 2000-04-27

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[21] **2,344,774**  
[13] A1  
[51] **Int.Cl. 7A63F 13/00 7A63F 13/10**  
**7A63F 13/12**  
[25] EN  
[54] **GAME SYSTEM AND PORTABLE**  
**GAME MACHINE**  
[54] **SYSTEME DE JEU ET APPAREIL**  
**DE JEU PORTATIF**  
[72] KAWASE, TOMOHIRO, JP  
[72] SAWANO, TAKAO, JP  
[71] NINTENDO CO., LTD., JP  
[22] 2001-04-24  
[43] 2001-10-25  
[30] JP (2000-123617) 2000-04-25  
[30] JP (2001-68032) 2001-03-12

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[21] **2,344,784**  
[13] A1  
[51] **Int.Cl. 7C08G 18/73 7C08G 18/48**  
[25] EN  
[54] **ALIPHATIC THERMOPLASTIC**  
**POLYURETHANES AND USE**  
**THEREOF**  
[54] **POLYURETHANES**  
**ALIPHATIQUES**  
**THERMOPLASTIQUES ET**  
**UTILISATION DE CES PRODUITS**  
[72] HOPPE, HANS-GEORG, DE  
[72] PEERLINGS, HENRICUS, DE  
[72] KAUFHOLD, WOLFGANG, DE  
[71] BAYER AKTIENGESELLSCHAFT,  
DE  
[22] 2001-04-19  
[43] 2001-10-25  
[30] DE (10020163.6) 2000-04-25

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[21] **2,344,785**  
[13] A1  
[51] **Int.Cl. 7G01V 1/30**  
[25] EN  
[54] **METHOD OF CHRONO-**  
**STRATIGRAPHIC INTERPRETATION**  
**OF A SEISMIC CROSS SECTION OR**  
**BLOCK**  
[54] **METHODE D'INTERPRETATION**  
**CHRONOSTRATIGRAPHIQUE D'UN**  
**BLOC OU D'UNE COUPE**  
**TRANSVERSALE SISMIQUE**  
[72] GUILLON, SEBASTIEN, FR  
[72] KESKES, NAAMEN, FR  
[72] PAUGET, FABIEN, FR  
[72] BAYLOU, PIERRE, FR  
[72] DONIAS, MARC, FR  
[71] ELF EXPLORATION PRODUCTION,  
FR  
[22] 2001-04-24  
[43] 2001-10-26  
[30] FR (00 05299) 2000-04-26

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[21] **2,344,791**  
[13] A1  
[51] **Int.Cl. 7G11C 16/02 7G11C 27/00**  
[25] EN  
[54] **PROGRAMMING FLASH**  
**MEMORY ANALOG STORAGE USING**  
**COARSE-AND-FINE SEQUENCE**  
[54] **APPAREILLAGE ET METHODE**  
**DE PROGRAMMATION D'UN RESEAU**  
**DE STOCKAGE ANALOGIQUE A**  
**MEMOIRE FLASH FAISANT APPEL A**  
**UNE SEQUENCE GROSSIERE ET FINE**  
[72] KORDESCH, ALBERT, US  
[72] HOLZMANN, PETER J., US  
[72] BRENNAN, JAMES JR., US  
[71] WINBOND ELECTRONICS  
CORPORATION, TW  
[22] 2001-04-24  
[43] 2001-10-25  
[30] US (09/558,432) 2000-04-25

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[21] **2,344,792**  
[13] A1  
[51] **Int.Cl. 7H04B 10/04 7H04J 14/02**  
[25] EN  
[54] **METHOD AND DEVICE FOR**  
**SELECTING LIGHT SOURCE FOR**  
**OPTICAL COMMUNICATION**  
[54] **METHODE ET DISPOSITIF DE**  
**SELECTION D'UNE SOURCE**  
**LUMINEUSE POUR**  
**COMMUNICATION OPTIQUE**  
[72] ISHIZAKA, MASASHIGE, JP  
[71] NEC CORPORATION, JP  
[22] 2001-04-19  
[43] 2001-10-21  
[30] JP (2000-121496) 2000-04-21

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[21] **2,344,793**  
[13] A1  
[51] **Int.Cl. 7G06F 19/00 7G01N 35/00**  
[25] EN  
[54] **INSPECTION APPARATUS**  
[54] **APPAREIL D'INSPECTION**  
[72] MAEDA, JAIME MUNEO  
MAGALHAES, BR  
[72] PINHEIRO, LUIS SAVIO, BR  
[72] CABRAL, FABIO CESAR OLIVEIRA,  
BR  
[72] DA SILVA, AGEMILSON  
PIMENTAL, BR  
[72] PERES, CESAR JOSE JUNIOR, BR  
[72] SILVA, ODILETIL OLIVEIRA, BR  
[71] SONY - DA - AMAZONIA - LTDA.,  
BR  
[22] 2001-04-20  
[43] 2001-10-27  
[30] JP (P2000-127845) 2000-04-27

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[21] **2,344,836**  
[13] A1  
[51] **Int.Cl. 7C09D 5/44 7C09D 167/02**  
**7C09D 5/46**  
[25] EN  
[54] **ELECTRODEPOSITION COATING**  
**COMPOSITION**  
[54] **COMPOSITION POUR**  
**ELECTRODEPOSITION DE**  
**REVETEMENTS**  
[72] NAKAO, FUMIAKI, JP  
[72] SUGISAKI, KATSUHISA, JP  
[72] MIZOGUCHI, YOSHITAKA, JP  
[72] SUGITA, MASARU, JP  
[72] IKEGAMI, AKIO, JP  
[72] TOMINAGA, AKIRA, JP  
[72] SAITO, KAZUO, JP  
[72] HIRANO, KOUJI, JP  
[72] AOKI, KENJI, JP  
[71] KANSAI PAINT CO., LTD., JP  
[22] 2001-04-23  
[43] 2001-10-24  
[30] JP (2000-122439) 2000-04-24  
[30] JP (2000-276589) 2000-09-12  
[30] JP (2000-276682) 2000-09-12

**Demandes canadiennes mises à la disponibilité du public**  
**21 octobre 2001 - 27 octobre 2001**

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[21] **2,344,840**  
[13] A1

[51] **Int.Cl. 7G08B 7/00**  
[25] EN  
[54] **DEVICE WITH BUILT-IN SIGNAL DISCRIMINATION AND OUTPUT SYNCHRONIZATION CIRCUITS**  
[54] **DISPOSITIF A CIRCUITS DE DISCRIMINATION DE SIGNAL ET DE SYNCHRONISATION DE SORTIE INTEGRES**  
[72] JEN, HSING C., US  
[72] HARTER, DAVID P., US  
[72] BUTALLA, FRED M., US  
[71] PITTWAY CORPORATION, US  
[22] 2001-04-23  
[43] 2001-10-27  
[30] US (09/559,790) 2000-04-27

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[21] **2,344,847**  
[13] A1

[51] **Int.Cl. 7C08J 11/22**  
[25] EN  
[54] **PROCESS FOR PRODUCING FINE RUBBER POWDER BY USING WASTE RUBBER**  
[54] **METHODE DE PRODUCTION DE POUFRE FINE DE CAOUTCHOUC A L'AIDE DE DECHETS DE CAOUTCHOUC**  
[72] PANG, SHUHUA, CN  
[71] PANG, SHUHUA, CN  
[22] 2001-04-23  
[43] 2001-10-26  
[30] CN (CN00106144.5) 2000-04-26

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[21] **2,344,855**  
[13] A1

[51] **Int.Cl. 7A61J 9/00**  
[25] EN  
[54] **MILK SYSTEM**  
[54] **DISPOSITIF POUR PREPARER DU LAIT**  
[72] BROCKBANK, ROBERT, GB  
[71] H J HEINZ CO LTD, GB  
[22] 2001-04-23  
[43] 2001-10-27  
[30] GB (0010296.2) 2000-04-27

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[21] **2,344,866**  
[13] A1

[51] **Int.Cl. 7A61J 3/02**  
[25] EN  
[54] **MEDICATION CRUSHER AND METHOD OF USING SAME**  
[54] **BROYEUR DE MEDICAMENTS ET METHODE D'UTILISATION**  
[72] RADKE, GEORGE F., CA  
[71] RADKE, GEORGE F., CA  
[22] 2001-04-23  
[43] 2001-10-21  
[30] US (09/556,714) 2000-04-21

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[21] **2,344,887**  
[13] A1

[51] **Int.Cl. 7G01N 33/68 7C07K 1/30**  
[25] EN  
[54] **METHOD FOR GROWING CRYSTALS**  
[54] **METHODE POUR LA CROISSANCE DE CRISTAUX**  
[72] DeTITTA, GEORGE T., US  
[72] LUFT, JOSEPH R., US  
[72] WOLFLEY, JENNIFER, US  
[72] COLLINS, ROBERT J., US  
[71] HAUPTMAN-WOODWARD MEDICAL RESEARCH INSTITUTE, INC., US  
[22] 2001-04-23  
[43] 2001-10-21  
[30] US (60/198,995) 2000-04-21

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[21] **2,344,896**  
[13] A1

[51] **Int.Cl. 7H04N 7/035 7H04N 7/025**  
[25] EN  
[54] **SEGMENTED PROCESSING METHOD FOR A TRANSPORT STREAM FOR DIGITAL TELEVISION AND RECORDING MEDIA FOR THE SAME**  
[54] **METHODE DE TRAITEMENT SEGMENTE D'UN FLUX DE TRANSPORT POUR TELEVISION NUMERIQUE ET SUPPORT D'ENREGISTREMENT CONNEXE**  
[72] MISU, KATSUYA, JP  
[71] NEC CORPORATION, JP  
[22] 2001-04-23  
[43] 2001-10-24  
[30] JP (2000-121915) 2000-04-24

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[21] **2,344,902**  
[13] A1

[51] **Int.Cl. 7G01R 19/155**  
[25] EN  
[54] **VOLTAGE SENSOR BUSHING ASSEMBLY WITH INTEGRAL CAPACITANCE SCREEN**  
[54] **TRAVERSEE A CAPTEUR DE TENSION AVEC ECRAN CAPACITIF INTEGRE**  
[72] MULLIGAN, TIMOTHY J., US  
[72] POTTER, DAVID E., US  
[72] RUTKOWSKI, JAMES A., US  
[72] TERHUNE, DANIEL M., US  
[72] SWANSON, ROY T., US  
[71] S&C ELECTRIC COMPANY, US  
[22] 2001-04-23  
[43] 2001-10-26  
[30] US (60/199,704) 2000-04-26

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[21] **2,344,903**  
[13] A1

[51] **Int.Cl. 7H01M 4/36 7H01M 10/24**  
[25] EN  
[54] **POSITIVE ELECTRODE ACTIVE MATERIAL AND NON-AQUEOUS ELECTROLYTE CELL**  
[54] **MATERIAU ACTIF POUR ELECTRODE POSITIVE ET CELLULE A ELECTROLYTE NON-AQUEUX**  
[72] LI, GUOHUA, JP  
[72] YAMADA, ATSUO, JP  
[71] SONY CORPORATION, JP  
[22] 2001-04-23  
[43] 2001-10-25  
[30] JP (P2000-128999) 2000-04-25  
[30] JP (P2000-129000) 2000-04-25

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[21] **2,344,909**  
[13] A1

[51] **Int.Cl. 7F16K 31/04 7H02K 33/02**  
[25] EN  
[54] **NORMALLY RISING VARIABLE FORCE SOLENOID**  
[54] **SOLENOIDE A FORCE VARIABLE ASCENDANTE DE FERMETURE**  
[72] ANDERSON, DAVID L., US  
[72] CHRISTENSEN, PAUL A., US  
[71] ACUTEX, INC., US  
[22] 2001-04-24  
[43] 2001-10-25  
[30] US (09/557,546) 2000-04-25

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October 21, 2001 - October 27, 2001

[21] 2,344,914  
[13] A1

[51] **Int.Cl. 7C09D 11/02**  
[25] EN  
[54] **INK, INK-JET INK, METHOD FOR REDUCING KOGATION ON SURFACE OF HEATER OF INK-JET RECORDING HEAD, METHOD FOR INK-JET RECORDING, INK-JET RECORDING APPARATUS, RECORDING UNIT AND METHOD FOR PROLONGING INK-JET RECORDING HEAD LIFE**  
[54] **ENCRE, ENCRE POUR DISPOSITIF A JET D'ENCRE, METHODE DE REDUCTION DU DEPOT D'ENCRE A LA SURFACE DE L'ELEMENT CHAUFFANT DE LA TETE D'IMPRESSION PAR JET D'ENCRE, METHODE D'IMPRESSION PAR JET D'ENCRE, APPAREIL D'IMPRESSION PAR JET D'ENCRE, ELEMENT D'IMPRESSION ET METHODE POUR AUGMENTER LA DUREE DE VIE DE LA TETE D'IMPRESSION PAR JET D'ENCRE**  
[72] KATSURAGI, RYUJI, JP  
[72] SHIOYA, MAKOTO, JP  
[71] CANON KABUSHIKI KAISHA, JP  
[22] 2001-04-24  
[43] 2001-10-26  
[30] JP (2000-125483) 2000-04-26

[21] 2,344,918  
[13] A1

[51] **Int.Cl. 7D06M 13/46**  
[25] EN  
[54] **LOW COST FABRIC SOFTENERS FOR RINSE CYCLE USING TRIGLYCERIDE BASED ESTER QUATS**  
[54] **UTILISATION DE COMPOSES ESTERS QUATERNAIRES A BASE DE TRIGLYCERIDES POUR PRODUIRE DES ASSOUPLEISSANTS DE CYCLE DE RINCAGE PEU COUTEUX**  
[72] KOHLE, HANS-JURGEN, US  
[72] KEYS, ROBERT O., US  
[72] FRIEDLI, FLOYD E., US  
[72] TONEY, JOSEPH, US  
[71] GOLDSCHMIDT CHEMICAL COMPANY, US  
[22] 2001-04-24  
[43] 2001-10-26  
[30] US (09/558,674) 2000-04-26

[21] 2,344,921  
[13] A1

[51] **Int.Cl. 7D21F 11/14**  
[25] EN  
[54] **IMPINGEMENT AIR DRY PROCESS FOR MAKING ABSORBENT SHEET**  
[54] **PROCEDE DE SECHAGE A L'AIR PAR IMPACT POUR LA FABRICATION DE FEUILLES ABSORBANTES**  
[72] WATSON, GARY M., US  
[72] EDWARDS, STEVEN L., US  
[71] GEORGIA-PACIFIC CORPORATION, US  
[22] 2001-04-24  
[43] 2001-10-24  
[30] US (60/199,301) 2000-04-24  
[30] US (09/836,928) 2001-04-18

[21] 2,344,937  
[13] A1

[51] **Int.Cl. 7C08L 83/04**  
[25] EN  
[54] **SILICONE RUBBER SPONGE COMPOSITION**  
[54] **COMPOSITION D'EPONGE EN CAOUTCHOUC DE SILICONE**  
[72] BABA, KATSUYA, JP  
[72] HONMA, HIROSHI, JP  
[72] NAKAMURA, AKITO, JP  
[71] DOW CORNING TORAY SILICONE COMPANY, LTD., JP  
[22] 2001-04-24  
[43] 2001-10-26  
[30] JP (2000-125909) 2000-04-26

[21] 2,344,944  
[13] A1

[51] **Int.Cl. 7C08L 83/04**  
[25] EN  
[54] **SILICONE RUBBER SPONGE COMPOSITION, SILICONE RUBBER SPONGE, AND PROCESS FOR MAKING THE SPONGE**  
[54] **COMPOSITION D'EPONGE EN CAOUTCHOUC DE SILICONE, EPONGE EN CAOUTCHOUC DE SILICONE ET METHODE DE FABRICATION DE L'EPONGE**  
[72] NAKAMURA, AKITO, JP  
[72] HONMA, HIROSHI, JP  
[72] BABA, KATSUYA, JP  
[71] DOW CORNING TORAY SILICONE COMPANY, LTD., JP  
[22] 2001-04-24  
[43] 2001-10-25  
[30] JP (2000-124359) 2000-04-25

[21] 2,344,948  
[13] A1

[51] **Int.Cl. 7H04B 7/185**  
[25] EN  
[54] **INTEGRATED MULTISPOT SATELLITE COMMUNICATION SYSTEM IN A MULTIMEDIA BROADCASTING NETWORK**  
[54] **SYSTEME DE COMMUNICATION PAR SATELLITE MULTIPPOINT INTEGRE DANS UN RESEAU DE RADIODIFFUSION MULTIMEDIA**  
[72] PRAT APARICIO, JOSEP, ES  
[72] ORTEGA RODRIGUEZ, FERNANDO, ES  
[72] RODRIGUEZ MARTINEZ, MARIA AFRICA, ES  
[71] ALCATEL, FR  
[22] 2001-04-24  
[43] 2001-10-26  
[30] ES (P 200001066) 2000-04-26

[21] 2,344,950  
[13] A1

[51] **Int.Cl. 7B64C 23/06**  
[25] EN  
[54] **NOISE REDUCING VORTEX GENERATORS ON AIRCRAFT WING CONTROL SURFACES**  
[54] **GENERATEURS DE TOURBILLONS REDUISANT LE BRUIT INSTALLE SUR LES GOUVERNES D'AILES D'AVION**  
[72] GRUENEWALD, MICHAEL, DE  
[72] REICHENBERGER, JOHANN, DE  
[72] MAU, KNUT, DE  
[72] DROBIETZ, ROGER, DE  
[72] BORCHERS, INGO, DE  
[71] GRUENEWALD, MICHAEL, DE  
[71] REICHENBERGER, JOHANN, DE  
[71] MAU, KNUT, DE  
[71] DROBIETZ, ROGER, DE  
[71] BORCHERS, INGO, DE  
[22] 2001-04-24  
[43] 2001-10-25  
[30] DE (100 20 177.6) 2000-04-25

**Demandes canadiennes mises à la disponibilité du public**  
**21 octobre 2001 - 27 octobre 2001**

[21] **2,344,952**  
[13] A1

[51] **Int.Cl. 7E05F 11/00 7E05F 7/06**  
[25] EN  
[54] **ECCENTRICALLY MOUNTED PLUG FOR OPERATIVELY CONNECTING TORSION SPRINGS TO OVERHEAD SHAFTS OF COUNTERBALANCING SYSTEMS USED FOR GARAGE DOORS AND THE LIKE**  
[54] **BOUCHON EXCENTRE PERMETTANT LA TRANSMISSION DU MOUVEMENT A DES RESSORTS A BOUDIN RACCORDES A DES AXES SUSPENDUS DE SYSTEMES D'EQUILIBRAGE POUR PORTES DE GARAGE ET DISPOSITIFS SEMBLABLES**  
[72] SAVARD, NORMAND, CA  
[72] BEAUDOIN, MICHEL, CA  
[72] BOURASSA, LUC, CA  
[72] CHARPENTIER, DOMINIC, CA  
[72] FOUCAULT, PIERRE-LOUIS, CA  
[71] CANIMEX INC., CA  
[22] 2001-04-24  
[43] 2001-10-25  
[30] CA (2,306,610) 2000-04-25

[21] **2,344,953**  
[13] A1

[51] **Int.Cl. 7C10G 47/00**  
[25] EN  
[54] **IMPROVED HYDROCRACKING PROCESS**  
[54] **PROCEDE D'HYDROCRAQUAGE AMELIORE**  
[72] BJORKLUND, BRADFORD L., US  
[72] HOEHN, RICHARD K., US  
[71] UOP LLC, US  
[22] 2001-04-25  
[43] 2001-10-25  
[30] US (09/556,805) 2000-04-25

[21] **2,344,981**  
[13] A1

[51] **Int.Cl. 7H01M 4/36 7H01M 4/24 7H01M 10/24**  
[25] EN  
[54] **POSITIVE ELECTRODE AND NON-AQUEOUS ELECTROLYTE CELL**  
[54] **ELECTRODE POSITIVE ET CELLULE A ELECTROLYTE NON-AQUEUX**  
[72] YAMADA, ATSUO, JP  
[72] YAMAHIRA, TAKAYUKI, JP  
[71] SONY CORPORATION, JP  
[22] 2001-04-25  
[43] 2001-10-25  
[30] JP (P2000-128998) 2000-04-25

[21] **2,344,984**  
[13] A1

[51] **Int.Cl. 7A61L 11/00**  
[25] EN  
[54] **PORTABLE MEDICAL WASTE PLANT**  
[54] **INSTALLATION PORTATIVE POUR DECHETS MEDICAUX**  
[72] SWISHER, GEORGE W., JR., US  
[72] HAWKINS, ERIC B., US  
[72] WOOD, RICK A., US  
[72] NELSON, ROYCE M., US  
[72] MERCER, RONALD R., US  
[71] CMI CORPORATION, US  
[22] 2001-04-24  
[43] 2001-10-24  
[30] US (09/557,244) 2000-04-24

[21] **2,344,985**  
[13] A1

[51] **Int.Cl. 7A61L 2/20 7A23B 4/16 7A23L 3/3418 7A23L 3/3445**  
[25] EN  
[54] **METHOD FOR SANITIZING A FOOD PROCESSING ENVIRONMENT**  
[54] **METHODE POUR ASSAINIR UN ENVIRONNEMENT DANS LEQUEL ON TRANSFORME DES ALIMENTS**  
[72] STEINER, EDWARD F., US  
[72] YUAN, JAMES T. C., US  
[71] L' AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED, FR  
[22] 2001-04-25  
[43] 2001-10-27  
[30] US (09/560,708) 2000-04-27

[21] **2,344,987**  
[13] A1

[51] **Int.Cl. 7A61B 17/00**  
[25] EN  
[54] **SEPTAL DEFECT OCCLUDER**  
[54] **OCCLUSEUR DE MALFORMATION SEPTALE**  
[72] GAINOR, JOHN P., US  
[72] THILL, GARY A., US  
[71] MICROVENA CORPORATION, US  
[22] 2001-04-24  
[43] 2001-10-26  
[30] US (09/558,717) 2000-04-26

[21] **2,345,167**  
[13] A1

[51] **Int.Cl. 7G02B 27/00**  
[25] EN  
[54] **REFERENCE WAVELENGTH LIGHT GENERATING APPARATUS**  
[54] **GENERATEUR DE LUMIERE DE LONGUEUR D'ONDE DE REFERENCE**  
[72] MATSUBARA, YASUAKI, JP  
[71] ADVANTEST CORPORATION, JP  
[22] 2001-04-25  
[43] 2001-10-27  
[30] JP (2000-169791) 2000-04-27

[21] **2,345,168**  
[13] A1

[51] **Int.Cl. 7H01C 7/00**  
[25] EN  
[54] **CURRENT/VOLTAGE NON-LINEAR RESISTOR AND SINTERED BODY THEREFOR**  
[54] **RESISTANCE NON LINEAIRE DE REDUCTION DE L'INTENSITE ET DE LA TENSION ET CORPS FRITTE CONNEXE**  
[72] UDAGAWA, TAKESHI, JP  
[72] HIGASHIBATA, KOJI, JP  
[72] NARITA, HIROYOSHI, JP  
[72] IMAI, TOSHIYA, JP  
[72] TANNO, YOSHIKAZU, JP  
[72] ANDO, HIDEYASU, JP  
[72] ITO, YOSHIYASU, JP  
[72] SUZUKI, HIRONORI, JP  
[72] UMEHARA, KIYOKAZU, JP  
[71] KABUSHIKI KAISHA TOSHIBA, JP  
[22] 2001-04-25  
[43] 2001-10-25  
[30] JP (124762/2000) 2000-04-25

[21] **2,345,170**  
[13] A1

[51] **Int.Cl. 7H04L 9/32 7G06F 12/14 7G06K 9/62**  
[25] EN  
[54] **CONTENT DISTRIBUTION METHOD AND CONTENT DISTRIBUTION SYSTEM**  
[54] **METHODE ET SYSTEME DE DISTRIBUTION DU CONTENU**  
[72] UCHIDA, KAORU, JP  
[71] NEC CORPORATION, JP  
[22] 2001-04-25  
[43] 2001-10-27  
[30] JP (2000-128193) 2000-04-27

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[21] **2,345,174**  
[13] A1  
[51] **Int.Cl. 7H01H 9/26 7H01H 71/00 7H01H 9/16**  
[25] EN  
[54] **MECHANICAL INTERLOCK WITH OVERTRAVEL COMPENSATION FOR COORDINATING OPERATION OF CIRCUIT BREAKERS**  
[54] **DISPOSITIF D'INTERVERROUILLAGE A COMPENSATION DE SURCOURSE POUR COORDONNER LE FONCTIONNEMENT DE DISJONCTEURS**  
[72] BENKE, JAMES JEFFERY, US  
[72] JONES, WILLIAM JOHN, US  
[71] EATON CORPORATION, US  
[22] 2001-04-25  
[43] 2001-10-27  
[30] US (599,089) 2000-04-27

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[21] **2,345,175**  
[13] A1  
[51] **Int.Cl. 7H03H 1/00 7H03H 7/00 7H01L 23/48**  
[25] EN  
[54] **HIGH-FREQUENCY CIRCUIT AND ITS MODULE FOR COMMUNICATION DEVICES**  
[54] **CIRCUIT HAUTE FREQUENCE ET SON MODULE POUR DISPOSITIFS DE COMMUNICATION**  
[72] SHIMIZU, JUNICHI, JP  
[71] NEC CORPORATION, JP  
[22] 2001-04-25  
[43] 2001-10-26  
[30] JP (2000-126102) 2000-04-26

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[21] **2,345,179**  
[13] A1  
[51] **Int.Cl. 7C07C 43/17 7C08F 16/32**  
[25] EN  
[54] **FLUORINE-CONTAINING DIENE, ITS PRODUCTION METHOD AND ITS POLYMER**  
[54] **DIENE FLUORE, SA METHODE DE PRODUCTION ET SON POLYMER**  
[72] MUROFUSHI, HIDENOBU, JP  
[72] WATAKABE, ATSUSHI, JP  
[72] SATO, MASAKUNI, JP  
[72] SUGIYAMA, NORIHIDE, JP  
[72] KASHIWAGI, KIMIYUKI, JP  
[71] ASAHI GLASS COMPANY, LIMITED, JP  
[22] 2001-04-25  
[43] 2001-10-26  
[30] JP (2000-125615) 2000-04-26

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[21] **2,345,180**  
[13] A1  
[51] **Int.Cl. 7A61K 38/10 7A61P 3/04 7A61K 38/08 7A61P 3/10 7A61P 9/10 7A61P 15/12 7A61K 38/22 7A61K 31/415 7A61K 31/451 7A61K 31/4709**  
[25] EN  
[54] **METHODS OF TREATING OBESITY USING A NEUROTENSIN RECEPTOR LIGAND**  
[54] **METHODES DE TRAITEMENT DE L'OBESITE AU MOYEN D'UN LIGAND DU RECEPTEUR DE LA NEUROTENSINE**  
[72] HADCOCK, JOHN RICHARD NEVILLE, US  
[71] PFIZER PRODUCTS INC., US  
[22] 2001-04-25  
[43] 2001-10-27  
[30] US (60/199,951) 2000-04-27

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[21] **2,345,182**  
[13] A1  
[51] **Int.Cl. 7G06F 17/50 7G06F 17/60**  
[25] EN  
[54] **SYSTEM AND METHOD FOR TAKE-OFF OF MATERIALS USING TWO-DIMENSIONAL CAD INTERFACE**  
[54] **SYSTEME ET METHODE D'AVANT-METRE DE MATERIAUX AU MOYEN D'UNE INTERFACE DAO BIDIMENSIONNELLE**  
[72] JUNG, PYOUNG-YOUNG, KR  
[71] EL-COM SYSTEM CO., LTD., KR  
[22] 2001-04-25  
[43] 2001-10-27  
[30] KR (2000-22614) 2000-04-27  
[30] KR (2000-57700) 2000-09-30  
[30] KR (2000-57701) 2000-09-30

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[21] **2,345,183**  
[13] A1  
[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **MAN-HOUR MANAGEMENT SYSTEM**  
[54] **SYSTEME DE GESTION DES HEURES-PERSONNES**  
[72] ICHIKAWA, TOKIYUKI, JP  
[72] YAMAMOTO, KUNIO, JP  
[72] MORINAKA, TOYOZO, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2001-04-25  
[43] 2001-10-26  
[30] JP (2000-125164) 2000-04-26

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[21] **2,345,184**  
[13] A1  
[51] **Int.Cl. 7B66C 23/04 7A01G 23/00**  
[25] EN  
[54] **BOOM ARRANGEMENT FOR WORK MACHINE**  
[54] **FLECHES POUR MACHINERIE**  
[72] INKINEN, ISMO, FI  
[72] SUNDBERG, TOM, FI  
[71] LOGLIFT OY AB, FI  
[22] 2001-04-25  
[43] 2001-10-26  
[30] FI (20000978) 2000-04-26

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[21] **2,345,188**  
[13] A1  
[51] **Int.Cl. 7A23L 1/39**  
[25] EN  
[54] **DOUBLE CHIP SAUCE DELIVERY SYSTEM**  
[54] **SYSTEME DE PASTILLES DOUBLES SERVANT A LA PREPARATION DE SAUCES**  
[72] CLEMENTS, ROBERT G., US  
[72] BOND, MICHAEL E., US  
[72] CITTI, JAMES, US  
[71] THE PILLSBURY COMPANY, US  
[22] 2001-04-25  
[43] 2001-10-26  
[30] US (09/560,255) 2000-04-26

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[21] **2,345,196**  
[13] A1  
[51] **Int.Cl. 7B42F 3/00 7B42F 3/04**  
[25] EN  
[54] **CUSTOMIZABLE ALBUM LEAVES WITH CHANGEABLE BACKGROUNDS**  
[54] **FEUILLES D'ALBUM PERSONNALISABLES A FONDS INTERCHANGEABLES**  
[72] VITO, EARL A., US  
[72] BRADLEY, GAIL S., US  
[72] YAMAMOTO, NORMAN C., US  
[71] AVERY DENNISON CORPORATION, US  
[22] 2001-04-25  
[43] 2001-10-25  
[30] US (09/558,026) 2000-04-25

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**21 octobre 2001 - 27 octobre 2001**

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[21] **2,345,198**  
[13] A1

[51] **Int.Cl. 7B65B 51/10**  
[25] EN  
[54] **INDUCTION FOIL CAP SEALER**  
[54] **THERMOSCELLEUSE PAR INDUCTION**  
[72] HERZOG, KENNETH J., US  
[71] HERZOG, KENNETH J., US  
[22] 2001-04-26  
[43] 2001-10-26  
[30] US (60/199,717) 2000-04-26  
[30] US (09/693,032) 2000-10-20

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[21] **2,345,202**  
[13] A1

[51] **Int.Cl. 7G07F 19/00 7G06F 19/00**  
[25] EN  
[54] **SYSTEM FOR MANAGING RECHARGEABLE VOUCHERS OF ACCESS TO A SERVICE**  
[54] **SYSTEME DE GESTION DE PIECES JUSTIFICATIVES RECHARGEABLES D'ACCES A UN SERVICE**  
[72] FRANK, OLIVIER, FR  
[71] ASCOM MONETEL S.A., FR  
[22] 2001-04-26  
[43] 2001-10-27  
[30] EP (00 41 0043.4) 2000-04-27

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[21] **2,345,220**  
[13] A1

[51] **Int.Cl. 7B66B 5/16**  
[25] EN  
[54] **DISK BRAKE OF ELEVATOR DRIVE**  
[54] **FREIN A DISQUE DE COMMANDE D'ASCENSEUR**  
[72] RIMANN, ANDRE, CH  
[72] MURER, RENATE, CH  
[71] INVENTIO AG, CH  
[22] 2001-04-26  
[43] 2001-10-27  
[30] EP (00810361.6) 2000-04-27

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[21] **2,345,222**  
[13] A1

[51] **Int.Cl. 7E06B 3/96**  
[25] EN  
[54] **CORNER FOR SCREEN**  
[54] **COIN DE MOUSTIQUAIRE**  
[72] THERRIEN, GERARD, CA  
[71] THERRIEN, GERARD, CA  
[22] 2001-04-26  
[43] 2001-10-27  
[30] US (60/200,136) 2000-04-27

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[21] **2,345,225**  
[13] A1

[51] **Int.Cl. 7B23B 51/00**  
[25] EN  
[54] **IMPROVED FORSTNER DRILL BIT**  
[54] **TREPAN FORSTNER AMELIORE**  
[72] HAUGHTON, KEITH LOUIS, CA  
[72] YAN, MAO SHENG, CN  
[72] HAUGHTON, GLENN WALLACE, CA  
[71] THE MIBRO GROUP, CA  
[22] 2001-04-26  
[43] 2001-10-27  
[30] US (09/559,277) 2000-04-27

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[21] **2,345,280**  
[13] A1

[51] **Int.Cl. 7F15B 13/044 7F15B 21/08 7F16H 61/30**  
[25] EN  
[54] **A SELF-CALIBRATING SYSTEM AND METHOD FOR CONTROLLING A HYDRAULICALLY OPERATED DEVICE**  
[54] **SYSTEME D'AUTO-ETALONNAGE ET METHODE DE COMMANDE D'UN DISPOSITIF HYDRAULIQUE**  
[72] BENNETT, LARRY PAUL, US  
[72] POTTER, JAMES CLIFTON, US  
[71] EATON CORPORATION, US  
[22] 2001-04-26  
[43] 2001-10-27  
[30] US (560,663) 2000-04-27

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[21] **2,345,281**  
[13] A1

[51] **Int.Cl. 7B66B 3/02 7B66B 5/00**  
[25] EN  
[54] **DEVICE FOR SIGNALIZING THE POSITION OF AN ELEVATOR CAR IN THE CASE OF PASSENGER EVACUATION**  
[54] **DISPOSITIF SERVANT A SIGNALER LA POSITION D'UNE CABINE D'ASCENSEUR EN CAS D'EVACUATION DES OCCUPANTS**  
[72] ROSSIGNOL, ERIC, CH  
[71] INVENTIO AG, CH  
[22] 2001-04-26  
[43] 2001-10-27  
[30] EP (00810363.2) 2000-04-27  
[30] EP (00810366.5) 2000-05-01  
[30] EP (00810761.7) 2000-08-25

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[21] **2,345,282**  
[13] A1

[51] **Int.Cl. 7B66B 5/02**  
[25] EN  
[54] **DEVICE FOR THE EVACUATION OF ELEVATOR PASSENGERS**  
[54] **DISPOSITIF POUR L'EVACUATION DES OCCUPANTS D'UN ASCENSEUR**  
[72] BRULLHARDT, MAX, CH  
[72] DORSCH, ANDREAS, CH  
[72] LINDEGGER, URS, CH  
[71] INVENTIO AG, CH  
[22] 2001-04-26  
[43] 2001-10-27  
[30] EP (00810363.2) 2000-04-27

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[21] **2,345,444**  
[13] A1

[51] **Int.Cl. 7A61K 39/12 7A61P 35/00 7A61P 31/18**  
[25] EN  
[54] **NOVEL THERAPEUTIC PROCESSES AND USEFUL COMPOSITIONS THEREFOR**  
[54] **PROCESSUS THERAPEUTIQUES NOUVEAUX ET COMPOSITIONS UTILES POUR CES PROCESSUS**  
[72] ILAN, YARON, IL  
[72] RABBANI, ELAZAR, US  
[72] DONEGAN, JAMES J., US  
[72] ENGELHARDT, DEAN L., US  
[72] GOTSMAN, ISRAEL, IL  
[71] ENZO THERAPEUTICS, INC., US  
[22] 2001-04-27  
[43] 2001-10-27  
[30] US (09/561,596) 2000-04-27

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[21] **2,345,490**  
[13] A1

[51] **Int.Cl. 7B62D 55/104**  
[25] EN  
[54] **SNOW VEHICLE TRACK SUSPENSION**  
[54] **SUSPENSION DE CHENILLE DE VEHICULE NORDIQUE**  
[72] FORBES, VERNAL D., US  
[71] FORBES, VERNAL D., US  
[22] 2001-04-27  
[43] 2001-10-27  
[30] US (60/200,721) 2000-04-27

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[21] 2,345,513  
[13] A1

[51] **Int.Cl. 7A23L 1/39**  
[25] EN  
[54] **PH CONTROL OF SAUCES USED ON ACIDIFIED PASTA OR RICE**  
[54] **CONTROLE DU PH DES SAUCES UTILISEES AVEC DES PATES OU DU RIZ ACIDIFIES**  
[72] IRWIN, ANTHONY, US  
[72] PAYTON, SHARON B., US  
[71] BORDEN FOODS CORPORATION, US  
[22] 2001-04-26  
[43] 2001-10-26  
[30] US (60/199,830) 2000-04-26

[21] 2,345,515  
[13] A1

[51] **Int.Cl. 7C01B 3/16**  
[25] EN  
[54] **PROCESS FOR THE PRODUCTION OF A HYDROGEN RICH GAS**  
[54] **PROCEDE DE PRODUCTION D'UN GAZ RICHE EN HYDROGENE**  
[72] SCHIODT, NIELS CHRISTIAN, DK  
[72] NIELSEN, POUL ERIK HOJLUND, DK  
[72] LEHRMANN, PETER, DK  
[72] AASBERG-PETERSEN, KIM, DK  
[71] HALDOR TOPSOE A/S, DK  
[22] 2001-04-26  
[43] 2001-10-27  
[30] DK (PA 2000 00698) 2000-04-27

[21] 2,345,518  
[13] A1

[51] **Int.Cl. 7H01M 4/24 7H01M 10/26 7A61N 1/39**  
[25] EN  
[54] **SANDWICH CATHODE DESIGN FOR ALKALI METAL ELECTROCHEMICAL CELL WITH HIGH DISCHARGE RATE CAPABILITY**  
[54] **DISPOSITIF DE CATHODE LAMELLEE POUR PILE ELECTROCHIMIQUE A METAL ALCALIN AYANT UNE CAPACITE DE VITESSE DE DECHARGE ELEVEE**  
[72] GAN, HONG, US  
[71] WILSON GREATBATCH LTD., US  
[22] 2001-04-26  
[43] 2001-10-27  
[30] US (09/560,060) 2000-04-27

[21] 2,345,539  
[13] A1

[51] **Int.Cl. 7H04L 29/02 7G06F 9/44**  
[25] EN  
[54] **METHOD AND PROTOCOL FOR CLIENT INITIATED FUNCTION CALLS TO A WEB-BASED DISPATCH SERVICE**  
[54] **METHODE ET PROTOCOLE POUR APPELS DE FONCTION A UN SERVICE DE REPARTITION WEB AMORCES PAR LE CLIENT**  
[72] TASALLOTTI, MATHEW, CA  
[71] EDISPATCH.COM WIRELESS DATA INC., CA  
[22] 2001-04-26  
[43] 2001-10-26  
[30] CA (2,306,586) 2000-04-26

[21] 2,345,551  
[13] A1

[51] **Int.Cl. 7C08F 4/642 7C08F 110/02 7C08F 110/06 7C08F 4/68 7C08F 4/69**  
[25] EN  
[54] **PROCESS AND CATALYST FOR PRODUCING POLYOLEFINS HAVING LOW MOLECULAR WEIGHT**  
[54] **PROCEDE ET CATALYSEUR POUR LA PRODUCTION DE POLYOLEFINES DE FAIBLE POIDS MOLECULAIRE**  
[72] SHAMSHOUM, EDWAR S., US  
[72] LOPEZ, MARGARITO, US  
[72] REDDY, B. RAGHAVA, US  
[71] FINA TECHNOLOGY, INC., US  
[22] 2001-04-27  
[43] 2001-10-27  
[30] US (09/559,775) 2000-04-27

[21] 2,345,563  
[13] A1

[51] **Int.Cl. 7H01R 13/639 7H01R 13/44**  
[25] EN  
[54] **SELF-LOCKING ELECTRICAL RECEPTACLE HAVING SAFETY PROTECTOR**  
[54] **PRISE ELECTRIQUE AUTOBLOQUANTE A DISPOSITIF DE SECURITE**  
[72] URSICH, NELS E., US  
[71] URSICH ELECTRICAL PRODUCTS, INC., US  
[22] 2001-04-26  
[43] 2001-10-26  
[30] US (60/199,926) 2000-04-26

[21] 2,345,583  
[13] A1

[51] **Int.Cl. 7A23F 3/14 7A23F 3/40**  
[25] EN  
[54] **GREEN TEA COMPOSITION AND MOLDING MATTER THEREOF, AND PROCESS FOR PRODUCING THEM**  
[54] **COMPOSITION DE THE VERT ET MATIERE MOULEE DE CETTE COMPOSITION ET PROCESSUS POUR LEUR PRODUCTION**  
[72] OMURA, TEIJIRO, JP  
[71] JINSEIDO COMPANY, LIMITED, JP  
[22] 2001-04-26  
[43] 2001-10-27  
[30] JP (2000-126938) 2000-04-27  
[30] JP (2000-126941) 2000-04-27

[21] 2,345,848  
[13] A1

[51] **Int.Cl. 7C08F 136/04 7C08F 136/06 7C08F 236/10**  
[25] FR  
[54] **PROCEDE DE PREPARATION PAR VOIE ANIONIQUE D'UN ELASTOMERE DIENIQUE RAMIFIE**  
[54] **ANIONIC PREPARATION OF A BRANCHED DIENIC ELASTOMER**  
[72] DAJOUX, NICOLE, FR  
[72] CABIOCH, JEAN-LUC, FR  
[71] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH  
[22] 2001-04-23  
[43] 2001-10-25  
[30] FR (00 05 344) 2000-04-25

[21] 2,345,871  
[13] A1

[51] **Int.Cl. 7F42B 10/48**  
[25] FR  
[54] **SYSTEME DE LANCEMENT DE CHARGE OU PROJECTILE A FREINAGE FILAIRE CONTROLE**  
[54] **LOAD OR PROJECTILE LAUNCHING SYSTEM WITH CONTROLLED LOCKWIRING**  
[72] VALEMBOIS, GUY, FR  
[72] PIGNOL, MARC, FR  
[71] ETIENNE LACROIX TOUS ARTIFICES S.A., FR  
[22] 2001-04-27  
[43] 2001-10-27  
[30] FR (00/05420) 2000-04-27

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**21 octobre 2001 - 27 octobre 2001**

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[21] **2,352,474**

[13] A1

[51] **Int.Cl. 7F02C 6/00**

[25] EN

[54] **RETROFIT SYSTEM FOR  
ELECTRICAL POWER GENERATING  
STATIONS AND METHOD**

[54] **APPAREIL D'INSTALLATION  
APRES COUP POUR SYSTEMES  
GENERATEURS D'ELECTRICITE, ET  
METHODE CONNEXE**

[72] ROSENBAUM, ITZHAK, CA

[71] ROSENBAUM, ITZHAK, CA

[22] 2001-07-25

[43] 2001-10-21

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[21] **2,354,690**

[13] A1

[51] **Int.Cl. 7A63B 6/00 7A63B 69/00**

[25] EN

[54] **MAT**

[54] **TAPIS**

[72] PRINZMETAL, JAN, CA

[71] PRINZMETAL, JAN, CA

[22] 2001-07-20

[43] 2001-10-27

**Canadian Laid-Open Applications  
October 21, 2001 - October 27, 2001**

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[21] **2,337,694**

[13] A1

[51] Int.Cl. 7C12N 15/12 7C07H 21/04  
7C07K 16/18 7C12N 15/63 7C12Q 1/68  
7C12N 15/85

[25] EN

[54] NUCLEIC ACIDS ENCODING  
HUMAN TBC-1 PROTEIN AND  
POLYMORPHIC MARKERS THEREOF  
[54] ACIDES NUCLEIQUES CODANT  
POUR LA PROTEINE TBC-1 HUMAINE  
ET MARQUEURS DE CETTE  
PROTEINE

[72] CHUMAKOV, ILYA, FR

[72] BLUMENFELD, MARTA, FR

[72] BOUGUELERET, LYDIE, FR

[71] GENSET, FR

[85] 2001-02-05

[86] 1999-08-06 (PCT/IB99/01444)

[87] 2000-02-17 (WO00/08209)

[30] US (60/095,653) 1998-08-07

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[21] **2,351,524**

[13] A1

[51] Int.Cl. 7C12N 15/31 7C07K 1/00  
7A61K 39/02 7A61K 39/04 7C07K 1/04  
7A61K 39/102 7C07K 16/12 7C07K 1/16  
7C07K 14/195 7G01N 33/50

[25] EN

[54] 12-25-KDA BACTERIAL PROTEINS  
AND THEIR 116-58 KDA POLYMERS  
FOR USE E.G. IN ANTI-TUMOR  
VACCINES

[54] PRODUIT

[72] KISLITCHKINE, NIKOLAY, RU

[71] INNATURE LIMITED, GB

[85] 2001-05-17

[86] 1999-11-18 (PCT/GB99/03852)

[87] 2000-05-25 (WO00/29433)

[30] RU (98120511) 1998-11-18

[30] GB (9908663.9) 1999-04-15

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[21] **2,351,731**

[13] A1

[51] Int.Cl. 7C12N 15/31 7C12Q 1/00  
7C12P 21/02 7C12N 15/09 7C12N 1/20  
7G01N 33/533 7G01N 33/554 7C12Q 1/68

[25] EN

[54] COMPOSITIONS AND METHODS  
FOR REGULATING BACTERIAL  
PATHOGENESIS

[54] COMPOSITIONS ET METHODES  
DE REGULATION DE LA  
PATHOGENESE BACTERIENNE

[72] BASSLER, BONNIE, US

[72] SURETTE, MICHAEL G., A1

[71] PRINCETON UNIVERSITY, US

[85] 2001-05-17

[86] 1999-12-02 (PCT/US99/28751)

[87] 2000-06-08 (WO00/32152)

[30] US (60/110,570) 1998-12-02

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[21] **2,351,522**

[13] A1

[51] Int.Cl. 7C12N 15/18 7C07H 21/04  
7C12N 15/09 7C12N 5/10 7C07K 14/475  
7C07K 14/485 7C12Q 1/68

[25] EN

[54] EGF-LIKE NUCLEIC ACIDS AND  
POLYPEPTIDES AND USES THEREOF  
[54] ACIDES NUCLEIQUES ET  
POLYPEPTIDES ET UTILISATIONS  
CORRESPONDANTES

[72] BUSFIELD, SAMANTHA, US

[72] GEARING, DAVID P., US

[71] MILLENNIUM

PHARMACEUTICALS, INC., US

[85] 2001-05-17

[86] 1999-11-19 (PCT/US99/27576)

[87] 2000-05-25 (WO00/29438)

[30] US (09/196,269) 1998-11-19

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[21] **2,351,722**

[13] A1

[51] Int.Cl. 7C12N 15/09 7C12P 21/08  
7C12N 5/10 7C07K 16/24 7C07K 14/52  
7G01N 33/53 7G01N 33/577

[25] EN

[54] MAST CELL-SPECIFIC SIGNAL  
TRANSDUCING MOLECULES AND  
CDNA THEREOF

[54] MOLECULES TRANSDUISANT UN  
SIGNAL SPECIFIQUE DE CELLULE  
BASOPHILE/MASTOCYTE ET LEURS  
ADN COMPLEMENTAIRES

[72] GOITSUKA, RYO, JP

[71] JAPAN SCIENCE AND

TECHNOLOGY CORPORATION, JP

[85] 2001-05-16

[86] 2000-09-18 (PCT/JP00/06351)

[87] 2001-03-29 (WO01/21788)

[30] JP (11/263778) 1999-09-17

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[21] **2,351,870**

[13] A1

[51] Int.Cl. 7C12N 15/12 7C12N 1/00  
7C07K 14/435 7G01N 33/68 7C12Q 1/68  
7C12N 15/82 7C12N 15/86

[25] EN

[54] SCORPION TOXINS

[54] TOXINES SCORPIONIQUES

[72] HERRMAN, RAFAEL, US

[72] PRESNAIL, JAMES K., US

[72] LU, ALBERT L., US

[72] WONG, JAMES F., US

[72] LEE, JIAN-MING, US

[71] E.I. DU PONT DE NEMOURS AND  
COMPANY, US

[85] 2001-05-17

[86] 1999-12-01 (PCT/US99/28351)

[87] 2000-06-08 (WO00/32777)

[30] US (60/110,590) 1998-12-02



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[21] **2,351,872**  
[13] A1

[51] **Int.Cl. 7C12Q 1/42 7A61K 31/00**  
[25] EN  
[54] **USE OF ACTIVATED TRAP FOR SCREENING FOR SPECIFIC INHIBITOR OF TRAP AND METHOD FOR AIDING IN THE IDENTIFICATION OF A COMPOUND FOR USE IN THE TREATMENT OF DISEASES OR DEGENERATIVE CONDITIONS RESULTING IN INCREASED BONE RESORPTION**  
[54] **UTILISATION DE TRAP ACTIVEE POUR RECHERCHER DES INHIBITEURS SPECIFIQUES DE TRAP ET TECHNIQUE AIDANT A L'IDENTIFICATION D'UN COMPOSE DESTINE AU TRAITEMENT DE MALADIES OU PATHOLOGIES DEGENERATIVES PROVOQUANT UNE RESORPTION OSSEUSE ACCRUE**  
[72] OELLIG, CORNELIA, SE  
[72] EK-RYLANDER, BARBRO, SE  
[72] ANDERSSON, GORAN, SE  
[71] PHARMACIA AB, SE  
[85] 2001-05-17  
[86] 1999-11-16 (PCT/SE99/02096)  
[87] 2000-06-02 (WO00/31289)  
[30] SE (9803959-7) 1998-11-19

[21] **2,351,874**  
[13] A1

[51] **Int.Cl. 7C07H 21/04 7C07K 14/00 7C12N 5/00 7C12N 15/00 7C12P 21/00 7C12N 15/63**  
[25] EN  
[54] **G PROTEIN-COUPLED RECEPTOR RESEMBLING THE LEUKOTRIENE B4 RECEPTOR**  
[54] **RECEPTEUR COUPLE A LA PROTEINE G RESSEMBLANT AU RECEPTEUR B4 DE LA LEUKOTRIENE**  
[72] DAVIDOFF, MICHAEL, US  
[72] BAILEY, WENDY J., US  
[72] LIU, QINGYUN, US  
[72] WANG, RUIPING, US  
[71] MERCK & CO., INC., US  
[85] 2001-05-10  
[86] 1999-11-08 (PCT/US99/26303)  
[87] 2000-05-25 (WO00/29423)  
[30] US (60/108,111) 1998-11-12

[21] **2,351,877**  
[13] A1

[51] **Int.Cl. 7C12Q 1/46 7A61K 38/46**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR PAIN MANAGEMENT**  
[54] **METHODES ET COMPOSITIONS POUR TRAITEMENT DE LA DOULEUR**  
[72] ALLEN, ROBERT C., US  
[72] CAMERON, BRUCE M., SR., US  
[71] PROTEOME SCIENCES, INC., US  
[85] 2001-05-22  
[86] 1999-11-22 (PCT/US99/27582)  
[87] 2000-06-02 (WO00/31290)  
[30] US (60/109,504) 1998-11-23  
[30] US (60/141,255) 1999-06-30

[21] **2,351,881**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68**  
[25] EN  
[54] **A WHOLE-GENOME RADIATION HYBRID MAP OF THE DOG GENOME AND USE THEREOF FOR IDENTIFYING GENES OF INTEREST**  
[54] **CARTE GENOMIQUE ENTIERE RADIOHYBRIDE DU GENOME CANIN ET UTILISATION DE CETTE CARTE POUR IDENTIFIER DES GENES RECHERCHES**  
[72] GALIBERT, FRANCIS, FR  
[72] ANDRE, CATHERINE, FR  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR  
[85] 2001-05-11  
[86] 1999-11-15 (PCT/IB99/01907)  
[87] 2000-05-25 (WO00/29615)  
[30] US (60/108,193) 1998-11-13

[21] **2,351,885**  
[13] A1

[51] **Int.Cl. 7G01N 33/53 7G01N 33/543 7G01N 33/68**  
[25] EN  
[54] **TEST KIT AND METHOD OF DIAGNOSING SEVERE ACUTE PANCREATITIS**  
[54] **ENSEMBLE DE TEST ET PROCEDE PERMETTANT DE DIAGNOSTIQUER UNE PANCREATITE AIGUE SEVERE**  
[72] BORGSTROM, ANDERS, SE  
[72] APPELROS, STEFAN, SE  
[71] EURODIAGNOSTICA AB, SE  
[85] 2001-05-14  
[86] 1999-11-16 (PCT/SE99/02094)  
[87] 2000-06-02 (WO00/31533)  
[30] SE (9804069-4) 1998-11-26

[21] **2,351,887**  
[13] A1

[51] **Int.Cl. 7C12N 5/20 7A61K 48/00 7A01K 67/027 7C12N 5/10 7C12N 15/12 7C07K 16/28 7A61K 39/395 7C07K 16/42 7C07K 16/46 7A61K 47/48 7G01N 33/574 7G01N 33/577 7G01N 33/68 7C12Q 1/68 7C12N 15/85**  
[25] EN  
[54] **PSCA: PROSTATE STEM CELL ANTIGEN AND USES THEREOF**  
[54] **ANTIGENE DE CELLULE SOUCHE PROSTATIQUE ET SES UTILISATIONS**  
[72] REITER, ROBERT, US  
[72] WITTE, OWEN, US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2001-05-11  
[86] 1999-12-02 (PCT/US99/28883)  
[87] 2000-06-08 (WO00/32752)  
[30] US (09/203,939) 1998-12-02  
[30] US (09/251,835) 1999-02-17  
[30] US (09/318,503) 1999-05-25

[21] **2,351,889**  
[13] A1

[51] **Int.Cl. 7C12N 5/06 7C12N 5/08 7A61L 27/38**  
[25] EN  
[54] **LYMPHOID TISSUE-SPECIFIC CELL PRODUCTION FROM HEMATOPOIETIC PROGENITOR CELLS IN THREE-DIMENSIONAL DEVICES**  
[54] **PRODUCTION DE CELLULES LYMPHOIDES SPECIFIQUES D'UN TISSU A PARTIR DE CELLULES SOUCHES HEMATOPOIETIQUES SE TROUVANT DANS DES DISPOSITIFS TRIDIMENSIONNELS**  
[72] POZNANSKY, MARK C., US  
[72] SCADDEN, DAVID T., US  
[72] ROSENZWEIG, MICHAEL, US  
[72] PYKETT, MARK J., US  
[71] THE GENERAL HOSPITAL CORPORATION, US  
[71] CELL SCIENCE THERAPEUTICS, INC., US  
[85] 2001-05-11  
[86] 1999-11-12 (PCT/US99/26795)  
[87] 2000-05-18 (WO00/27999)  
[30] US (60/107,972) 1998-11-12

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,354,393</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F02B 55/08</b> [25] EN [54] <b>AXIAL ROTARY ENGINE</b> [54] <b>MOTEUR AXIAL ROTATIF</b> [72] KOZLOV, GEORGY LEONIDOVICH, RU [72] REGEL, PETR ANATOLIEVICH, RU [71] KOZLOV, GEORGY LEONIDOVICH, RU [71] TROFIMOV, SEMEN VASILYEVICH, RU [85] 2001-06-08 [86] 1999-12-10 (PCT/RU99/00479) [87] 2000-06-22 (WO00/36278) [30] RU (98123144) 1998-12-11</p>	<p style="text-align: right;">[21] <b>2,355,702</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E21B 19/22</b> [25] EN [54] <b>REEL SPOOL AND STAND ASSEMBLY FOR COILED TUBING INJECTOR SYSTEM</b> [54] <b>DEVIDOIR ET BATI ASSOCIE POUR SYSTEME D'INJECTION DE TUBES BOBINES</b> [72] GOODE, JOHN E., US [72] CAIN, TROY D., US [71] HYDRA RIG, INC., US [85] 2001-06-15 [86] 2000-11-13 (PCT/US00/31343) [87] 2001-05-17 (WO01/34934) [30] US (60/165,248) 1999-11-12</p>	<p style="text-align: right;">[21] <b>2,356,182</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 17/60 7H04L 12/16</b> [25] EN [54] <b>SYSTEM AND METHOD FOR PERFORMING SUBSTITUTE FULFILLMENT INFORMATION COMPILATION AND NOTIFICATION</b> [54] <b>SYSTEME ET PROCEDE POUR COMPILER ET NOTIFIER DES DONNEES RELATIVES A UNE TACHE DE SUBSTITUTION</b> [72] THOMPSON, ROLAND R., US [72] BLACKSTONE, MICHAEL S., US [71] THOMPSON, ROLAND R., US [71] BLACKSTONE, MICHAEL S., US [85] 2001-06-19 [86] 1999-12-16 (PCT/US99/30057) [87] 2000-06-29 (WO00/38080) [30] US (09/217,116) 1998-12-21 [30] US (09/419,266) 1999-10-15</p>
<p style="text-align: right;">[21] <b>2,355,181</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F16L 19/02</b> [25] EN [54] <b>SECURED COUPLING ASSEMBLY AND METHOD OF PREVENTING LOOSENING</b> [54] <b>DISPOSITIF D'ACCOUPLLEMENT BLOQUE ET PROCEDE POUR EMPECHER UN DESSERRAGE</b> [72] MCNAMEE, JAMES ARTHUR, US [72] KAMINSKE, MATHEW, US [72] ERPS, RALPH M., US [71] GENERAL ELECTRIC COMPANY, US [85] 2001-06-14 [86] 2000-10-02 (PCT/US00/27213) [87] 2001-05-03 (WO01/31244) [30] US (09/425,608) 1999-10-22</p>	<p style="text-align: right;">[21] <b>2,355,940</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61F 2/16</b> [25] EN [54] <b>ACCOMODATING INTRAOCULAR LENS</b> [54] <b>ACCOMMODATION D'UNE LENTILLE INTRAOCULAIRE</b> [72] BRADY, DANIEL G., US [72] GWON, ARLENE, US [71] ALLERGAN SALES, INC., US [85] 2001-06-15 [86] 1999-12-08 (PCT/US99/29097) [87] 2000-06-22 (WO00/35379) [30] US (09/213,976) 1998-12-17</p>	<p style="text-align: right;">[21] <b>2,356,323</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01S 5/02 7H01L 33/00</b> [25] EN [54] <b>LASER DIODE DEVICE AND METHOD FOR PRODUCING THE SAME</b> [54] <b>DISPOSITIF A DIODE LASER ET PROCEDE PERMETTANT DE LE PRODUIRE</b> [72] SPIKA, ZELJKO, DE [72] SCHLERETH, KARL-HEINZ, DE [72] SPATH, WERNER, DE [72] ACKLIN, BRUNO, DE [72] HEERLEIN, JORG, DE [72] HANKE, CHRISTIAN, DE [72] KORTE, LUTZ, DE [72] BEHRINGER, MARTIN, DE [72] EBELING, KARL, DE [72] LUFT, JOHANN, DE [71] OSRAM OPTO SEMICONDUCTORS GMBH &amp; CO. OHG, DE [85] 2001-06-26 [86] 2000-11-02 (PCT/DE00/03852) [87] 2001-05-10 (WO01/33607) [30] DE (199 52 712.1) 1999-11-02</p>
<p style="text-align: right;">[21] <b>2,355,667</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A22C 11/00</b> [25] EN [54] <b>HORIZONTAL CONVEYER FOR LINKED SAUSAGE STRANDS</b> [54] <b>CONVOYEUR HORIZONTAL POUR CORDON DE SAUCISSES EN CHAPELET</b> [72] OTTOW, MARCEL, US [72] VELDKAMP, BRENT M., US [72] BASILE, VINCENT L., II, US [71] TOWNSEND ENGINEERING COMPANY, US [85] 2001-06-15 [86] 2000-10-12 (PCT/US00/28201) [87] 2001-04-26 (WO01/28346) [30] US (60/159,794) 1999-10-15</p>	<p style="text-align: right;">[21] <b>2,356,122</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12Q 1/04</b> [25] EN [54] <b>DETECTION OF CELLS USING THE LUCIFERASE/LUCIFERIN REACTION</b> [54] <b>DETECTION DE CELLULES A L'AIDE D'UNE REACTION PAR LUCIFERASE/LUCIFERINE</b> [72] WOOD, KEITH V., US [72] SHULTZ, JOHN W., US [72] PRATT, TAMARA SUE, US [72] HALL, MARY P., US [71] PROMEGA CORPORATION, US [85] 2001-06-27 [86] 2000-02-18 (PCT/US00/04195) [87] 2000-08-24 (WO00/49171) [30] US (09/252,436) 1999-02-18 [30] US (09/396,334) 1999-09-15</p>	

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[21] **2,356,633**  
[13] A1  
[51] **Int.Cl. 7G06F 11/14**  
[25] EN  
[54] **COORDINATING PERSISTENT STATUS INFORMATION WITH MULTIPLE FILE SERVERS**  
[54] **COORDINATION D'INFORMATIONS D'ETATS PERSISTANTS AVEC PLUSIEURS SERVEURS DE FICHIERS**  
[72] SCHOENTHAL, SCOTT, US  
[72] KLEIMAN, STEVEN, US  
[72] ROWE, ALAN, US  
[71] NETWORK APPLIANCE, INC., US  
[85] 2001-06-08  
[86] 1999-07-28 (PCT/US99/17137)  
[87] 2000-03-02 (WO00/11553)  
[30] US (09/139,257) 1998-08-25

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[21] **2,356,853**  
[13] A1  
[51] **Int.Cl. 7E04C 3/00**  
[25] EN  
[54] **LINE STRUCK FRAMING STUD OBLIQUE**  
[72] STOFKO, ANDREW, US  
[72] STOFKO, BRAD, US  
[72] PORR, BRIAN, US  
[72] OSOSKI, THOMAS, US  
[72] ERDMAN, DAVID, US  
[71] STOFKO'S HOME ELECTRICAL SERVICE, INC., US  
[85] 2001-06-27  
[86] 2000-10-27 (PCT/US00/41693)  
[87] 2001-05-25 (WO01/36759)  
[30] US (60/163,128) 1999-11-02

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[21] **2,356,998**  
[13] A1  
[51] **Int.Cl. 7G06F 12/14 6G06F 12/14**  
[25] EN  
[54] **SYSTEM AND METHOD FOR AUTHENTICATION OF NETWORK USERS**  
[54] **SYSTEME ET PROCEDE D'AUTHENTIFICATION D'UTILISATEURS DE RESEAU**  
[72] WILDER, JONE, US  
[72] FRENCH, JENNIFER, US  
[71] EQUIFAX INC., US  
[85] 2001-06-27  
[86] 1999-05-20 (PCT/US99/11196)  
[87] 1999-11-25 (WO99/60483)  
[30] US (60/086,258) 1998-05-21

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[21] **2,358,054**  
[13] A1  
[51] **Int.Cl. 7A61K 31/70**  
[25] EN  
[54] **CYANOCOBALAMIN (VITAMIN B12) TREATMENT IN ALLERGIC DISEASE**  
[54] **UTILISATION DE LA CYANOCOBALAMINE (VITAMINE B12) POUR LE TRAITEMENT DES ALLERGIES**  
[72] WISE, JOHN A., US  
[72] ARMSTRONG, ERNEST T., US  
[72] ARMSTRONG, HEPBURN T., US  
[71] ALLERGY LIMITED, LLC, US  
[85] 2001-06-26  
[86] 1999-12-28 (PCT/US99/31092)  
[87] 2000-07-06 (WO00/38696)  
[30] US (60/113,896) 1998-12-28

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[21] **2,358,062**  
[13] A1  
[51] **Int.Cl. 7A61K 31/55 7A61P 25/28 7A61K 9/54**  
[25] EN  
[54] **CONTROLLED RELEASE GALANTAMINE COMPOSITION**  
[54] **COMPOSITION DE GALANTAMINE A LIBERATION CONTROLEE**  
[72] DE BRUIJN, HERMAN JOHANNES CATHERINA, BE  
[72] GILIS, PAUL MARIE VICTOR, BE  
[72] DE WEER, MARC MAURICE GERMAIN, BE  
[72] DE CONDE, VALENTIN FLORENT VICTOR, BE  
[72] VAN DYCKE, FREDERIC ANNE RODOLF, BE  
[72] MCGEE, JOHN PAUL, BE  
[71] JANSSEN PHARMACEUTICA N.V., BE  
[85] 2001-06-21  
[86] 1999-12-20 (PCT/EP99/10257)  
[87] 2000-07-06 (WO00/38686)  
[30] EP (98204447.1) 1998-12-24

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[21] **2,358,067**  
[13] A1  
[51] **Int.Cl. 7A61K 31/495 7A61P 23/00**  
[25] EN  
[54] **(2-IMIDAZOLIN-2-YLAMINO) QUINOXALINE DERIVATIVES FOR THE TREATMENT OF PAIN**  
[54] **DERIVES DE (2-IMIDAZOLIN-2-YLAMINO) QUINOXALINE POUR LE TRAITEMENT DE LA DOULEUR**  
[72] BURKE, JAMES A., US  
[72] WHEELER, LARRY, US  
[72] GARST, MICHAEL E., US  
[71] ALLERGAN SALES, INC., US  
[85] 2001-06-26  
[86] 1999-12-28 (PCT/US99/31087)  
[87] 2000-07-06 (WO00/38684)  
[30] US (09/222,844) 1998-12-30

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[21] **2,358,100**  
[13] A1  
[51] **Int.Cl. 7C12Q 1/68**  
[25] EN  
[54] **METHOD FOR GENERATING A PATHWAY REPORTER SYSTEM**  
[54] **PROCEDE DE PRODUCTION D'UN SYSTEME MARQUEUR DE MECANISME D'ACTION**  
[72] TUGENDREICH, STUART, US  
[72] MELESE, TERI, US  
[72] PERKINS, EDWARD L., US  
[71] ICONIX PHARMACEUTICALS INC., US  
[85] 2001-06-29  
[86] 1999-12-30 (PCT/US99/31276)  
[87] 2000-07-06 (WO00/39346)  
[30] US (60/114,399) 1998-12-31

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,358,124</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01V 3/18</b> [25] EN [54] <b>WATER SATURATION AND SAND FRACTION DETERMINATION FROM BOREHOLE RESISTIVITY IMAGING TOOL, TRANSVERSE INDUCTION LOGGING AND A TENSORIAL WATER SATURATION MODEL</b> [54] <b>DETERMINATION DE LA SATURATION EN EAU ET D'UNE FRACTION DE SABLE A PARTIR D'UN OUTIL D'IMAGERIE DE LA RESISTIVITE DES PUITTS DE FORAGE, D'UNE DIAGRAPHIE PAR INDUCTION TRANSVERSALE ET D'UN MODELE TENSORIEL DE SATURATION EN EAU</b> [72] FANINI, OTTO, N., US [72] SCHOEN, JUERGEN, H., AT [72] MOLLISON, RICHARD, A., US [72] KRIEGSHAUSER, BERTHOLD, F., US [72] PAVLOVIC, MILOMIR, US [71] BAKER HUGHES INCORPORATED, US [85] 2001-06-29 [86] 1999-12-29 (PCT/US99/31104) [87] 2000-07-06 (WO00/39612) [30] US (09/222,967) 1998-12-30 [30] US (60/160,943) 1999-10-22 [30] US (09/474,049) 1999-12-28</p>	<p style="text-align: right;">[21] <b>2,358,168</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 47/48 7A61K 9/107 7A61K 9/127 7A61K 38/28 7A61K 9/50</b> [25] EN [54] <b>PHARMACEUTICAL PREPARATIONS</b> [54] <b>PREPARATIONS PHARMACEUTIQUES</b> [72] KAWAGUCHI, YUJI, JP [72] KUSANO, HIROKO, JP [72] KATO, YASUKI, JP [72] ITO, KUNIO, JP [71] KYOWA HAKKO KOGYO CO., LTD., JP [85] 2001-06-22 [86] 1999-12-24 (PCT/JP99/07278) [87] 2000-07-06 (WO00/38736) [30] JP (PCT/JP98/05857) 1998-12-24</p>	<p style="text-align: right;">[21] <b>2,358,349</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H05K 7/20</b> [25] EN [54] <b>INTERCHANGEABLE STIFFENING FRAME WITH EXTENDED WIDTH WEDGELOCK FOR USE IN A CIRCUIT CARD MODULE</b> [54] <b>CADRE DE RENFORCEMENT INTERCHANGEABLE A PINCE D'ANCRAGE DE GRANDE LARGEUR DESTINE A S'UTILISER DANS UN MODULE DE CARTE IMPRIMEE</b> [72] ODEGARD, THOMAS A., US [72] HABING, ROBERT D., US [71] HONEYWELL INC., US [85] 2001-06-29 [86] 1999-12-16 (PCT/US99/30191) [87] 2000-07-13 (WO00/41449) [30] US (09/223,288) 1998-12-30</p>
<p style="text-align: right;">[21] <b>2,358,135</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01D 5/353</b> [25] EN [54] <b>DISTRIBUTED SELECTABLE LATENT FIBER OPTIC SENSORS</b> [54] <b>CAPTEURS A FIBRE OPTIQUE SELECTIONNABLES, LATENTS ET REPARTIS</b> [72] HAY, ARTHUR D., US [72] DIDDEN, F. KEVIN, US [71] CIDRA CORPORATION, US [85] 2001-06-21 [86] 1999-12-21 (PCT/US99/30725) [87] 2000-07-06 (WO00/39532) [30] US (09/219,908) 1998-12-23</p>	<p style="text-align: right;">[21] <b>2,358,209</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01F 7/08 7G01V 1/18</b> [25] FR [54] <b>ACTIONNEUR ELECTROMAGNETIQUE EQUIPE DE MOYENS D'AJUSTEMENT DE LA POSITION DE SON ELEMENT POLAIRE MOBILE</b> [54] <b>ELECTROMAGNETIC ACTUATOR EQUIPPED WITH MEANS FOR ADJUSTING ITS MOBILE POLAR ELEMENT</b> [72] GIROUD, PIERRE, FR [72] GUILLEMIN, PIERRE, FR [71] THALES AVIONICS S.A., FR [85] 2001-06-26 [86] 1999-12-21 (PCT/FR99/03238) [87] 2000-07-13 (WO00/41189) [30] FR (98/16659) 1998-12-30</p>	<p style="text-align: right;">[21] <b>2,358,384</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07C 319/00 7C07D 327/06</b> [25] EN [54] <b>METHODS FOR THE PRODUCTION OF SULFURIZED DIPHENYLOXIDES AND COMPOSITIONS MADE THEREFROM</b> [54] <b>PROCEDE DE FABRICATION DE DIPHENYLOXYDES SULFURES ET COMPOSITIONS TIREES DESDITS COMPOSES</b> [72] TROTTO, PHILIP, US [72] WU, MARGARET MAY-SON, US [72] LA PIERRE, RENE B., US [71] MOBIL OIL CORPORATION, US [85] 2001-06-29 [86] 1999-12-30 (PCT/US99/31241) [87] 2000-07-06 (WO00/39078) [30] US (60/114,244) 1998-12-30 [30] US (60/114,243) 1998-12-30</p>
	<p style="text-align: right;">[21] <b>2,358,347</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A46B 9/04</b> [25] EN [54] <b>LINGUAL TOOTHBRUSH AND METHOD OF FABRICATING SAME</b> [54] <b>BROSSE A DENTS LINGUALE ET SON PROCEDE DE FABRICATION</b> [72] HARADA, STEPHEN D., US [71] HARADA, STEPHEN D., US [85] 2001-06-28 [86] 1999-11-30 (PCT/US99/28265) [87] 2000-07-13 (WO00/40116) [30] US (09/224,961) 1999-01-04</p>	

## PCT Applications Entering the National Phase

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[21] **2,358,386**  
[13] A1  
[51] **Int.Cl. 7H04Q 11/00**  
[25] EN  
[54] **WAVELENGTH-MODULAR OPTICAL CROSS-CONNECT SWITCH**  
[54] **COMMUTATEUR BRASSEUR A MODULARITE DE LA LONGUEUR D'ONDE**  
[72] FRASCOLLA, MASSIMO, IT  
[72] IANNONE, EUGENIO, IT  
[72] CASACCIA, EMILIO, IT  
[72] BENTIVOGLIO RAVASIO, FILIPPO, IT  
[71] OPTICAL TECHNOLOGIES U.S.A. CORP., US  
[85] 2001-06-29  
[86] 1999-12-07 (PCT/EP99/09663)  
[87] 2000-07-13 (WO00/41430)  
[30] EP (98124833.9) 1998-12-30  
[30] US (60/115,590) 1999-01-12

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[21] **2,358,387**  
[13] A1  
[51] **Int.Cl. 7A61B 17/08 7A61B 17/04 7A61B 17/064 7A61B 17/068**  
[25] EN  
[54] **TISSUE FASTENING DEVICES AND DELIVERY MEANS**  
[54] **DISPOSITIF DE FIXATION DE TISSUS ET SYSTEME D'ACHEMINEMENT**  
[72] YEUNG, TERESA T., US  
[72] YEUNG, JEFFREY E., US  
[71] YEUNG, TERESA T., US  
[71] YEUNG, JEFFREY E., US  
[85] 2001-06-29  
[86] 1999-09-15 (PCT/US99/21138)  
[87] 2000-07-13 (WO00/40159)  
[30] US (60/114,545) 1998-12-31

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[21] **2,358,396**  
[13] A1  
[51] **Int.Cl. 7H04L 12/56 7H04L 29/06**  
[25] EN  
[54] **COMMUNICATION DEVICE AND METHOD**  
[54] **DISPOSITIF ET PROCEDE DE COMMUNICATION**  
[72] MEYER, MICHAEL, DE  
[72] LUDWIG, REINER, DE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-06-28  
[86] 1999-12-31 (PCT/EP99/10480)  
[87] 2000-07-13 (WO00/41362)  
[30] EP (99100274.2) 1999-01-08

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[21] **2,358,397**  
[13] A1  
[51] **Int.Cl. 7G01C 19/72 7G01R 33/032 7G01R 15/24**  
[25] EN  
[54] **KERR EFFECT COMPENSATION FOR AN INTERFEROMETRIC FIBER OPTIC GYROSCOPE**  
[54] **COMPENSATION DE L'EFFET DE KERR DANS UN GYROSCOPE A FIBRE OPTIQUE INTERFEROMETRIQUE**  
[72] SANDERS, GLEN A., US  
[72] BLAKE, JAMES N., US  
[72] BERGH, RALPH A., US  
[71] HONEYWELL INC., US  
[85] 2001-06-29  
[86] 1999-11-16 (PCT/US99/27202)  
[87] 2000-07-13 (WO00/40927)  
[30] US (09/224,587) 1998-12-31

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[21] **2,358,400**  
[13] A1  
[51] **Int.Cl. 7A61K 31/00 7A61P 13/12**  
[25] EN  
[54] **METHODS FOR TREATING CONDITIONS ASSOCIATED WITH THE ACCUMULATION OF EXCESS EXTRACELLULAR MATRIX**  
[54] **PROCEDES DE TRAITEMENT D'ETATS ASSOCIES A L'ACCUMULATION D'UN EXCEDENT DE MATRICE EXTRACELLULAIRE**  
[72] NOBLE, NANCY A., US  
[72] LAWRENCE, DANIEL A., US  
[72] BORDER, WAYNE T., US  
[71] UNIVERSITY OF UTAH, US  
[71] AMERICAN NATIONAL RED CROSS, US  
[85] 2001-07-05  
[86] 2000-01-05 (PCT/US00/00179)  
[87] 2000-07-13 (WO00/40227)  
[30] US (60/114,795) 1999-01-05

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[21] **2,358,401**  
[13] A1  
[51] **Int.Cl. 7G05B 13/04**  
[25] EN  
[54] **SYSTEMS FOR GENERATING AND USING A LOOKUP TABLE WITH PROCESS FACILITY CONTROL SYSTEMS AND MODELS OF THE SAME, AND METHODS OF OPERATING SUCH SYSTEMS**  
[54] **SYSTEMES DE GENERATION ET D'UTILISATION D'UNE TABLE DE CONSULTATION AVEC SYSTEMES DE COMMANDE D'INSTALLATIONS DE PROCESSUS ET MODELES CORRESPONDANTS, ET PROCEDES DE FONCTIONNEMENT DE CES SYSTEMES**  
[72] LU, Z. JOSEPH, US  
[71] HONEYWELL INC., US  
[85] 2001-06-29  
[86] 1999-11-22 (PCT/US99/27726)  
[87] 2000-07-13 (WO00/41045)  
[30] US (09/224,439) 1998-12-31

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[21] **2,358,402**  
[13] A1  
[51] **Int.Cl. 7A63B 53/04 7A63B 53/06**  
[25] EN  
[54] **A GOLF CLUB HEAD WITH A FACE COMPOSED OF A FORGED MATERIAL**  
[54] **TETE DE CLUB DE GOLF A FACE EN MATERIAU FORGE**  
[72] GALLOWAY, J. ANDREW, US  
[72] WOOLLEY, CURTIS S., US  
[72] BOYCE, RONALD C., US  
[72] AGUINALDO, HOMER E., US  
[72] HOCKNELL, ALAN, US  
[72] HELMSTETTER, RICHARD C., US  
[71] CALLAWAY GOLF COMPANY, US  
[85] 2001-07-17  
[86] 2000-10-31 (PCT/US00/30103)  
[87] 2001-05-10 (WO01/32272)  
[30] US (09/431,982) 1999-11-01

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[21] **2,358,403**  
[13] A1

[51] **Int.Cl. 7C08L 21/00 7F16F 15/08 7F16F 1/36**  
[25] EN  
[54] **VIBRATION DAMPING RUBBER MEMBER AND PROCESS OF PRODUCING THE SAME**  
[54] **DISPOSITIF ANTI-VIBRATIONS EN CAOUTCHOUC ET PROCEDE DE PRODUCTION CORRESPONDANT**  
[72] TAGUCHI, TAKEHIKO, JP  
[72] YOSHIKAWA, AKO, JP  
[71] TOKAI RUBBER INDUSTRIES, LTD., JP  
[85] 2001-06-29  
[86] 2000-10-30 (PCT/JP00/07625)  
[87] 2001-10-05 (WO01/32769)  
[30] JP (11/311555) 1999-11-01  
[30] JP (2000/121142) 2000-04-21  
[30] JP (2000/191147) 2000-06-26

[21] **2,358,405**  
[13] A1

[51] **Int.Cl. 7G01R 1/073**  
[25] EN  
[54] **TEXT PROBE INTERFACE ASSEMBLY AND MANUFACTURE METHOD**  
[54] **ENSEMBLE INTERFACE D'ESSAI DE TEXTE ET PROCEDE DE FABRICATION**  
[72] DIMITROPOULOS, NICHOLAS M., US  
[72] MEIRHOFER, DONALD A., US  
[72] REDONDO, LOUIS H., US  
[72] MCNAIR, MICHAEL P., US  
[71] VERTEST SYSTEMS CORPORATION, US  
[85] 2001-07-04  
[86] 1999-12-16 (PCT/US99/30127)  
[87] 2000-07-13 (WO00/40975)  
[30] US (09/227,503) 1999-01-06

[21] **2,358,408**  
[13] A1

[51] **Int.Cl. 7H04B 1/38 7B60R 11/02 7H04M 1/60**  
[25] EN  
[54] **HANDS-FREE CELLULAR PHONE KIT**  
[54] **KIT MAINS LIBRES DE TELEPHONE CELLULAIRE**  
[72] PAN, CHUN H., US  
[71] PRIORITY TECH, INC., US  
[85] 2001-07-03  
[86] 1999-12-09 (PCT/US99/29206)  
[87] 2000-07-13 (WO00/41320)  
[30] US (60/115,189) 1999-01-06  
[30] US (09/442,215) 1999-11-17

[21] **2,358,412**  
[13] A1

[51] **Int.Cl. 7B60R 13/04 7B29C 47/04 7B29C 47/12**  
[25] EN  
[54] **MOLDING AND MANUFACTURING METHOD AND MANUFACTURING DEVICE THEREOF**  
[54] **OBJET MOULE, ET PROCEDE ET DISPOSITIF DE FABRICATION DUDIT OBJET MOULE**  
[72] UCHIMURA, FUMIAKI, JP  
[72] YAMADA, SHUNJI, JP  
[72] YADA, YUKIHIKO, JP  
[71] TOKAI KOGYO CO., LTD., JP  
[85] 2001-07-04  
[86] 2000-11-02 (PCT/JP00/07777)  
[87] 2001-05-10 (WO01/32471)  
[30] JP (11/315691) 1999-11-05  
[30] JP (11/371517) 1999-12-27

[21] **2,358,414**  
[13] A1

[51] **Int.Cl. 7B65D 85/10**  
[25] EN  
[54] **BOX WITH A HINGED LID, FOR CIGARETTES**  
[54] **ETUI A CIGARETTES A COUVERCLE ARTICULE**  
[72] BUSE, HENRY, DE  
[72] FOCKE, HEINZ, DE  
[71] FOCKE & CO. (GMBH & CO.), DE  
[85] 2001-06-04  
[86] 1999-11-30 (PCT/EP99/09307)  
[87] 2000-06-15 (WO00/34150)  
[30] DE (198 57 118.6) 1998-12-10  
[30] DE (198 58 786.4) 1998-12-18

[21] **2,358,415**  
[13] A1

[51] **Int.Cl. 7C02F 3/30 7C02F 3/00 7C02F 3/06**  
[25] EN  
[54] **METHOD FOR TREATING AN EFFLUENT USING SIMULTANEOUS NITRIFICATION/DENITRIFICATION IN A TRICKLING FILTER**  
[54] **PROCEDE DE TRAITEMENT D'UN EFFLUENT METTANT EN OEUVRE UNE NITRIFICATION/DENITRIFICATION SIMULTANEEES DANS UN BIOFILTRE**  
[72] PAYRAUDEAU, MICHELE, FR  
[72] LE TALLEC, XAVIER, FR  
[71] OTV OMNIUM DE TRAITEMENT ET DE VALORISATION, FR  
[85] 2001-06-22  
[86] 1999-12-23 (PCT/FR99/03280)  
[87] 2000-07-06 (WO00/39034)  
[30] FR (98/16508) 1998-12-23

[21] **2,358,416**  
[13] A1

[51] **Int.Cl. 7G05B 13/02**  
[25] EN  
[54] **PROCESS FACILITY CONTROL SYSTEMS USING AN EFFICIENT PREDICTION FORM AND METHODS OF OPERATING THE SAME**  
[54] **SYSTEMES DE COMMANDE D'INSTALLATION POUR LA MISE EN OEUVRE D'UN PROCEDE UTILISANT UNE FORME EFFICACE DE PREDICTION, ET PROCEDES DE FONCTIONNEMENT DESDITS SYSTEMES DE COMMANDE**  
[72] LU, Z. JOSEPH, US  
[71] HONEYWELL INC., US  
[85] 2001-06-29  
[86] 1999-12-21 (PCT/US99/30684)  
[87] 2000-07-13 (WO00/41044)  
[30] US (09/224,433) 1998-12-31

[21] **2,358,420**  
[13] A1

[51] **Int.Cl. 7C07H 15/252 7A61P 35/00 7A61K 31/70**  
[25] EN  
[54] **NEW COMPOUNDS FOR THE TREATMENT OF CANCER**  
[54] **NOUVEAUX COMPOSES UTILISES POUR LE TRAITEMENT DU CANCER**  
[72] STRELCHENOK, OLEG, BY  
[71] ARDENIA INVESTMENTS LTD., GI  
[85] 2001-06-21  
[86] 1999-12-28 (PCT/IB99/02062)  
[87] 2000-07-27 (WO00/42832)  
[30] SE (9900878-1) 1999-03-11  
[30] SE (9900941-7) 1999-03-16

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[21] **2,358,422**  
[13] A1

[51] **Int.Cl. 7C09D 201/00 7G02B 1/10 7C09D 7/12 7H01B 5/14 7C09D 5/24 7H01J 29/28**

[25] EN  
[54] **PAINT FOR FORMING A TRANSPARENT CONDUCTIVE THIN FILM AND TRANSPARENT CONDUCTIVE THIN FILM**

[54] **MATERIAU DE REVETEMENT POUR LA FORMATION D'UN FILM TRANSPARENT CONDUCTEUR**

[72] MOTOKI, TORU, JP

[72] HORIKOSHI, HIDEKI, JP

[72] WAKABAYASHI, ATSUMI, JP

[72] TANAKA, SHINICHI, JP

[72] YAMAMOTO, YUJI, JP

[72] IZAWA, HAJIME, JP

[71] SUMITOMO OSAKA CEMENT CO., LTD., JP

[85] 2001-06-26

[86] 2000-10-23 (PCT/JP00/07379)

[87] 2001-05-10 (WO01/32792)

[30] JP (11/310172) 1999-10-29

[21] **2,358,423**  
[13] A1

[51] **Int.Cl. 7A23J 3/34 7A61K 38/01 7A23L 1/305**

[25] EN

[54] **A HYPOALLERGENIC COMPOSITION CONTAINING TOLEROGENIC PEPTIDES INDUCING ORAL TOLERANCE**

[54] **COMPOSITION**

**HYPOALLERGENE CONTENANT DES PEPTIDES TOLEROGENIQUES**

**INDUISANT UNE TOLERANCE ORALE**

[72] MAYNARD, FRANCOISE, CH

[72] BOVETTO, LIONEL, FR

[72] FRITSCH, RODOLPHE, CH

[72] PECQUET, SOPHIE, CH

[71] SOCIETE DES PRODUITS NESTLE

S.A., CH

[85] 2001-07-17

[86] 2000-01-17 (PCT/EP00/00334)

[87] 2000-07-27 (WO00/42863)

[30] EP (99200130.5) 1999-01-19

[21] **2,358,424**  
[13] A1

[51] **Int.Cl. 7B65G 15/00 7B65G 21/00**

[25] EN

[54] **CONVERTING ROLLER**

**CONVEYERS INTO BELT**

**CONVEYORS**

[54] **CONVERSION DE**

**TRANSPORTEURS A ROULEAUX EN**

**TRANSPORTEURS A COURROIE**

[72] LAPEYRE, ROBERT S., US

[72] GREVE, CHRISTOPHER G., US

[71] THE LAITRAM CORPORATION, US

[85] 2001-07-03

[86] 2000-10-30 (PCT/US00/41765)

[87] 2001-05-10 (WO01/32534)

[30] US (09/434,796) 1999-11-05

[21] **2,358,425**  
[13] A1

[51] **Int.Cl. 7C21B 13/14**

[25] EN

[54] **FLUIDIZED BED BREAKAGE**

**PREVENTION SYSTEM FOR**

**FLUIDIZED BED REDUCTION**

**REACTOR**

[54] **SYSTEME DE PREVENTION DE**

**RUPTURE DE LIT FLUIDISE DESTINE**

**A UN FOUR DE REDUCTION A LIT**

**FLUIDISE**

[72] KANG, HEUNG-WON, KR

[72] KIM, HANG-GOO, KR

[72] CHOI, NAG-JOON, KR

[72] JEONG, SUN-KWANG, KR

[72] LEE, JUN-HYUK, KR

[72] SHIN, MYOUNG-KYUN, KR

[71] RESEARCH INSTITUTE OF

INDUSTRIAL SCIENCE &

TECHNOLOGY, KR

[71] VOEST-ALPINE

INDUSTRIEANLAGENBAU GMBH &

CO., AT

[71] POHANG IRON & STEEL CO., LTD.,

KR

[85] 2001-07-04

[86] 2000-11-03 (PCT/KR00/01257)

[87] 2001-05-10 (WO01/32941)

[30] KR (1999/48645) 1999-11-04

[30] KR (1999/59506) 1999-12-20

[30] KR (1999/60749) 1999-12-23

[21] **2,358,426**  
[13] A1

[51] **Int.Cl. 7A61K 31/415 7A61K 31/20**

**7A61K 38/20 7A61K 31/40**

[25] EN

[54] **METHODS AND COMPOSITIONS**

**FOR TOPICAL TREATMENT OF**

**DAMAGED TISSUE USING REACTIVE**

**OXYGEN METABOLITE**

**PRODUCTION OR RELEASE**

**INHIBITORS**

[54] **METHODES ET COMPOSITIONS**

**DE TRAITEMENT TOPIQUE DE TISSUS**

**ALTERES FAISANT APPEL A DES**

**INHIBITEURS DE PRODUCTION OU**

**DE LIBERATION DE METABOLITES**

**OXYGENE REACTIF**

[72] GEHLSSEN, KURT R., US

[71] MAXIM PHARMACEUTICALS, INC., US

[85] 2001-07-04

[86] 2000-01-07 (PCT/US00/00317)

[87] 2000-07-13 (WO00/40240)

[30] US (09/227,801) 1999-01-08

[21] **2,358,427**  
[13] A1

[51] **Int.Cl. 7A61K 39/395 7C07H 21/02**

**7A01N 37/18 7G01N 33/53**

[25] EN

[54] **METHOD FOR DIAGNOSING,**

**IMAGING, AND TREATING TUMORS**

**USING RESTRICTIVE RECEPTOR FOR**

**INTERLEUKIN 13**

[54] **PROCEDE DE DIAGNOSTIC,**

**D'IMAGERIE ET DE TRAITEMENT**

**DES TUMEURS AU MOYEN D'UN**

**RECEPTEUR RESTRICTIF POUR**

**L'INTERLEUKINE 13**

[72] DEBINSKI, WALDEMAR, US

[72] CONNOR, JAMES R., US

[71] THE PENN STATE RESEARCH

FOUNDATION, US

[85] 2001-07-03

[86] 2000-01-05 (PCT/US00/00149)

[87] 2000-07-13 (WO00/40264)

[30] US (09/226,794) 1999-01-07

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[21] **2,358,428**  
[13] A1

[51] **Int.Cl. 7A61B 18/14**  
[25] EN  
[54] **ULTRASOUND-GUIDED ABLATION CATHETER AND METHODS OF USE**  
[54] **CATHETER D'ABLATION A GUIDAGE ULTRASONIQUE ET MODALITES DE MISE EN OEUVRE**  
[72] PANESCU, DORIN, US  
[72] WHAYNE, JAMES G., US  
[72] SUORSA, VEIJO T., US  
[72] SWANSON, DAVID K., US  
[72] TENHOFF, HARM, US  
[71] BOSTON SCIENTIFIC LIMITED, BB  
[85] 2001-06-26  
[86] 2000-01-04 (PCT/IB00/00006)  
[87] 2000-07-13 (WO00/40166)  
[30] US (09/227,281) 1999-01-06

[21] **2,358,429**  
[13] A1

[51] **Int.Cl. 7A47F 3/06 7A47F 3/04 7A47F 5/05 7A47F 10/06**  
[25] EN  
[54] **PRESENTATION DEVICE FOR PORTIONS OF FOOD**  
[54] **DISPOSITIF DE PRESENTATION POUR PORTIONS D'ALIMENTS**  
[72] VISSCHER, GEERTRUIDE, NL  
[72] VAN DEN BELT, ANTON JAN, NL  
[71] VAN DEN BELT, ANTON JAN, NL  
[85] 2001-07-03  
[86] 2000-01-04 (PCT/NL00/00002)  
[87] 2000-07-13 (WO00/40125)  
[30] NL (1010944) 1999-01-04

[21] **2,358,430**  
[13] A1

[51] **Int.Cl. 7A61K 39/395 7A61K 38/19**  
[25] EN  
[54] **POTENTIATION OF ANTI-CD38-IMMUNOTOXIN CYTOTOXICITY**  
[54] **POTENTIALISATION DE CYTOTOXICITE D'IMMUNOTOXINES ANTI-CD38**  
[72] MEHTA, KAPIL, US  
[72] ROSENBLUM, MICHAEL G., US  
[71] RESEARCH DEVELOPMENT FOUNDATION, US  
[85] 2001-07-06  
[86] 2000-01-07 (PCT/US00/00528)  
[87] 2000-07-13 (WO00/40265)  
[30] US (09/226,895) 1999-01-07

[21] **2,358,435**  
[13] A1

[51] **Int.Cl. 7A61K 47/48 7A61K 38/13 7A61K 38/17 7A61K 39/395 7A61K 31/4353 7A61K 31/52 7A61K 31/56**  
[25] EN  
[54] **METHODS OF PROLONGING TRANSPLANT SURVIVAL USING IMMUNOTOXINS AND COSTIMULATION BLOCKADE OF CD154 AND CD28**  
[54] **PROCEDE PERMETTANT DE PROLONGER LA DUREE DE SURVIE D'UNE GREFFE A L'AIDE D'IMMUNOTOXINES ET PAR BLOCAGE DE COSTIMULATION DES CD154 ET CD28**  
[72] KNECHTLE, STUART J., US  
[72] KIRK, ALLAN D., US  
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US  
[85] 2001-07-03  
[86] 2000-01-06 (PCT/US00/00284)  
[87] 2000-07-13 (WO00/40270)  
[30] US (60/115,252) 1999-01-08

[21] **2,358,436**  
[13] A1

[51] **Int.Cl. 7C07F 9/09 7A61P 35/00 7C07F 9/12 7A61K 31/6615**  
[25] EN  
[54] **POLYUNSATURATED FATTY ACID DERIVATIVES AND THEIR USE**  
[54] **DERIVES D'ACIDES GRAS POLYINSATURES ET LEUR UTILISATION**  
[72] STRELCHENOK, OLEG, BY  
[71] ARDENIA INVESTMENTS LTD., GI  
[85] 2001-06-21  
[86] 1999-12-28 (PCT/IB99/02064)  
[87] 2000-08-17 (WO00/47589)  
[30] SE (9900941-7) 1999-03-16

[21] **2,358,438**  
[13] A1

[51] **Int.Cl. 7A61K 31/35 7A61P 31/12 7A61K 31/165 7A61P 31/18 7A61P 31/22**  
[25] EN  
[54] **ANTIVIRAL METHOD USING MEK INHIBITORS**  
[54] **METHODE ANTIVIRALE UTILISANT DES INHIBITEURS DE MEK**  
[72] WEBER, PETER CRAIG, US  
[72] DUDLEY, DAVID THOMAS, US  
[72] BRIDGES, ALEXANDER JAMES, US  
[72] SEBOLT-LEOPOLD, JUDITH, US  
[72] SALTIEL, ALAN ROBERT, US  
[72] GRACHECK, STEPHEN JOSEPH, US  
[72] MEYER, ANNETTE LYNN, US  
[71] WARNER-LAMBERT COMPANY, US  
[85] 2001-07-03  
[86] 1999-12-21 (PCT/US99/30484)  
[87] 2000-07-13 (WO00/40237)  
[30] US (60/115,026) 1999-01-07

[21] **2,358,439**  
[13] A1

[51] **Int.Cl. 7A61K 49/00**  
[25] EN  
[54] **METASTASIS MODELS USING GREEN FLUORESCENT PROTEIN (GFP) AS A MARKER**  
[54] **MODELES DE METASTASES UTILISANT LA PROTEINE VERTE FLUORESCENTE (GFP) COMME MARQUEUR**  
[72] TAN, YUYING, US  
[72] CHISHIMA, TAKASHI, JP  
[71] ANTICANCER, INC., US  
[85] 2001-07-06  
[86] 2000-01-07 (PCT/US00/00243)  
[87] 2000-07-13 (WO00/40274)  
[30] US (09/226,856) 1999-01-07

[21] **2,358,441**  
[13] A1

[51] **Int.Cl. 7H01S 5/024**  
[25] EN  
[54] **SEMICONDUCTOR LASER MODULE, AND METHOD FOR DRIVING SEMICONDUCTOR LASER MODULE**  
[54] **MODULE LASER A SEMI-CONDUCTEURS ET SON PROCEDE DE COMMANDE**  
[72] AIKIYO, TAKESHI, JP  
[71] THE FURUKAWA ELECTRIC CO., LTD., JP  
[85] 2001-06-29  
[86] 2000-05-17 (PCT/JP00/03147)  
[87] 2001-05-10 (WO01/33680)  
[30] JP (11-310992) 1999-11-01



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[21] **2,358,442**  
[13] A1

[51] **Int.Cl. 7C23C 2/38**  
[25] EN  
[54] **PLATED STEEL WIRE WITH HIGH CORROSION RESISTANCE AND EXCELLENT WORKABILITY, AND PROCESS FOR ITS MANUFACTURE**  
[54] **FIL D'ACIER PLAQUE DE METAL PRESENTANT UNE EXCELLENTE RESISTANCE A LA CORROSION ET UNE EXCELLENTE USINABILITE, ET SON PROCEDE DE PRODUCTION**  
[72] TAKAHASHI, AKIRA, JP  
[72] NISHIDA, SEIKI, JP  
[72] NISHIMURA, KAZUMI, JP  
[72] YOSHIE, ATSUSHIKO, JP  
[72] SUGIMARU, SATOSHI, JP  
[72] TANAKA, SATORU, JP  
[71] NIPPON STEEL CORPORATION, JP  
[85] 2001-06-22  
[86] 2000-10-25 (PCT/JP00/07470)  
[87] 2001-05-03 (WO01/31079)  
[30] JP (11/302685) 1999-10-25

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[21] **2,358,443**  
[13] A1

[51] **Int.Cl. 7G06F 19/00 7G10H 1/00 7G06T 13/00 7G06F 17/21 7G06F 17/30**  
[25] EN  
[54] **CREATION ASSISTING METHOD AND APPARATUS, AND RECORDED MEDIUM**  
[54] **PROCEDE ET APPAREIL D'ASSISTANCE A LA CREATION ET SUPPORT ENREGISTRE**  
[72] HAGIWARA, HIDEYUKI, JP  
[72] KARIMOTO, HIROYASU, JP  
[72] OGINO, YUSHI, JP  
[71] MATSHUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[71] HAGIWARA INFORMATION TECHNOLOGY LABORATORY, INC., JP  
[85] 2001-06-28  
[86] 2000-11-01 (PCT/JP00/07703)  
[87] 2001-05-10 (WO01/33479)  
[30] JP (11/314049) 1999-11-04

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[21] **2,358,444**  
[13] A1

[51] **Int.Cl. 6F02B 33/22 6F02B 69/06**  
[25] EN  
[54] **TWO-STROKE ENGINE**  
[54] **MOTEUR A DEUX TEMPS**  
[72] RUTHERFORD, ROBERT MATTHEW, AU  
[72] DUNN, PAUL FRANCIS, AU  
[71] ROTEC DESIGN LTD., AU  
[85] 2001-05-09  
[86] 1999-11-09 (PCT/AU99/00988)  
[87] 2000-05-18 (WO00/28199)  
[30] AU (PP 7003) 1998-11-09

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[21] **2,358,446**  
[13] A1

[51] **Int.Cl. 7A61B 5/00**  
[25] EN  
[54] **NON-INVASIVE CARDIAC OUTPUT AND PULMONARY FUNCTION MONITORING USING RESPIRED GAS ANALYSIS TECHNIQUES AND PHYSIOLOGICAL MODELING**  
[54] **CONTROLE NON INVASIF DU DEBIT CARDIAQUE ET DE LA FONCTION PULMONAIRE METTANT EN OEUVRE DES TECHNIQUES D'ANALYSE DU GAZ RESPIRE ET DE MODELISATION PHYSIOLOGIQUE**  
[72] CALKINS, JERRY M., US  
[72] DRZEWIECKI, TADEUSZ M., US  
[71] METASENSORS, INC., US  
[85] 2001-07-13  
[86] 2000-01-21 (PCT/US00/01465)  
[87] 2000-07-27 (WO00/42908)  
[30] US (60/116,648) 1999-01-21  
[30] US (60/140,763) 1999-06-24

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[21] **2,358,447**  
[13] A1

[51] **Int.Cl. 7H02J 7/02**  
[25] EN  
[54] **ELECTRICAL ENERGY STORAGE DEVICE WITH CELL ENERGY ADJUSTMENT DEVICE, AND CELL ENERGY ADJUSTMENT METHOD**  
[54] **ACCUMULATEUR POURVU D'UNE COMMANDE D'ENERGIE DE CELLULES ET PROCEDE DE COMMANDE DE CETTE ENERGIE**  
[72] HASEBE, AKIO, JP  
[72] TSURUGA, KIKUO, JP  
[72] SEKI, SUMIKO, JP  
[72] ITO, TAKAHIKO, JP  
[72] MORI, KAZUYA, JP  
[71] TOKIN CORPORATION, JP  
[85] 2001-06-29  
[86] 2000-11-06 (PCT/JP00/07779)  
[87] 2001-05-10 (WO01/33692)  
[30] JP (11/315520) 1999-11-05  
[30] JP (2000/191301) 2000-06-26

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[21] **2,358,448**  
[13] A1

[51] **Int.Cl. 7A61K 9/14 7A61K 9/16**  
[25] EN  
[54] **DISPERSIBLE CONCENTRATE FOR THE DELIVERY OF CYCLOSPORIN**  
[54] **CONCENTRE DISPERSABLE DESTINE A L'ADMINISTRATION D'UNE CYCLOSPORINE**  
[72] DOMB, ABRAHAM J., IL  
[71] DEXCEL LTD., IL  
[85] 2001-06-28  
[86] 1999-12-30 (PCT/IL99/00710)  
[87] 2000-07-13 (WO00/40219)  
[30] US (09/223,378) 1998-12-30

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[21] **2,358,449**  
[13] A1

[51] **Int.Cl. 7A61F 2/06**  
[25] EN  
[54] **EXPANDABLE INTRAVASCULAR TUBULAR STENTS**  
[54] **EXTENSEURS INTRAVASCULAIRES TUBULAIRES EXPANSIBLES**  
[72] AL-SAADON, KHALID, CA  
[71] AL-SAADON, KHALID, CA  
[85] 2001-07-16  
[86] 2000-01-21 (PCT/CA00/00035)  
[87] 2000-07-27 (WO00/42946)  
[30] US (60/116,877) 1999-01-22  
[30] CA (PCT/CA99/00632) 1999-07-12

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[21] **2,358,451**  
[13] A1

[51] **Int.Cl. 6A61L 2/06 6B09B 3/00 6A61L 11/00 6B02C 23/24**  
[25] EN  
[54] **WASTE TREATMENT APPARATUS**  
[54] **APPAREIL DE TRAITEMENT DE DECHETS**  
[72] BUTLER, MARK H., AU  
[71] MEDIVAC TECHNOLOGY PTY LIMITED, AU  
[85] 2001-06-22  
[86] 1999-12-24 (PCT/AU99/01159)  
[87] 2000-07-06 (WO00/38744)  
[30] AU (PP 7946) 1998-12-24

[21] **2,358,452**  
[13] A1

[51] **Int.Cl. 7B27K 5/00 7B27M 1/02**  
[25] EN  
[54] **METHOD OF PERMANENTLY COMPRESSING LUMBER AND COMPRESSED LUMBER**  
[54] **PROCEDE DE COMPRESSION/ FIXATION PERMANENTE DU BOIS ET BOIS CONSOLIDE**  
[72] KITAZAWA, KIMIYOSHI, JP  
[72] SHIBUYA, YORIKUNI, JP  
[71] JAPAN AS REPRESENTED BY DIRECTOR GENERAL OF AGENCY OF SHINSHU UNIVERSITY, JP  
[71] YOSHIKAWA KENSETSU KABUSHIKI KAISHA, JP  
[85] 2001-07-03  
[86] 2000-10-02 (PCT/JP00/06861)  
[87] 2001-05-10 (WO01/32373)  
[30] JP (11/314427) 1999-11-04

[21] **2,358,453**  
[13] A1

[51] **Int.Cl. 7A61F 2/06**  
[25] EN  
[54] **EXPANDABLE ENDOVASCULAR MEDICAL TUBULAR STENT**  
[54] **EXTENSEUR MEDICAL TUBULAIRE EXPANSIBLE POUR APPLICATION ENDOVASCULAIRE**  
[72] AL-SAADON, KHALID, CA  
[71] AL-SAADON, KHALID, CA  
[85] 2001-07-16  
[86] 1999-07-12 (PCT/CA99/00632)  
[87] 2000-07-27 (WO00/42945)  
[30] US (60/116,877) 1999-01-22

[21] **2,358,454**  
[13] A1

[51] **Int.Cl. 7A61B 5/00**  
[25] EN  
[54] **UNIVERSAL/UPGRADING PULSE OXIMETER**  
[54] **SPHYGMO-OXYMETRE UNIVERSEL A FONCTION D'AMELIORATION**  
[72] ALI, AMMAR AL, US  
[72] DIAB, MOHAMED K., US  
[72] KIANI, MASSI E., US  
[72] VADEN, VAL E., US  
[71] MASIMO CORPORATION, US  
[85] 2001-07-17  
[86] 2000-01-25 (PCT/US00/01884)  
[87] 2000-07-27 (WO00/42911)  
[30] US (60/117,097) 1999-01-25  
[30] US (60/161,565) 1999-10-26

[21] **2,358,455**  
[13] A1

[51] **Int.Cl. 7A61F 2/44**  
[25] EN  
[54] **FLEXIBLE IMPLANT USING PARTIALLY DEMINERALIZED BONE**  
[54] **IMPLANT SOUPLE UTILISANT UN OS PARTIELLEMENT DEMINERALISE**  
[72] PAFFORD, JOHN A., US  
[72] BOYD, LAWRENCE M., US  
[71] SDGI HOLDINGS, INC., US  
[85] 2001-07-05  
[86] 2000-01-05 (PCT/US00/00154)  
[87] 2000-07-13 (WO00/40179)  
[30] US (09/227,976) 1999-01-08

[21] **2,358,456**  
[13] A1

[51] **Int.Cl. 7G02B 5/08 7G02B 5/10**  
[25] EN  
[54] **SECTIONED OVAL ELLIPTICAL MIRROR**  
[54] **MIROIR ELLIPTIQUE OVALE SECTIONNE**  
[72] SWAIN, DANIEL M., US  
[72] SCHMIDT, WILLIAM P., US  
[71] SWAIN, DANIEL M., US  
[71] SCHMIDT, WILLIAM P., US  
[85] 2001-07-03  
[86] 2000-11-03 (PCT/US00/30777)  
[87] 2001-05-10 (WO01/33259)  
[30] US (60/163,369) 1999-11-03

[21] **2,358,458**  
[13] A1

[51] **Int.Cl. 7B05B 11/00 7B05C 17/00**  
[25] EN  
[54] **LIQUID DISPENSER AND APPLICATOR**  
[54] **DISTRIBUTEUR ET APPLICATEUR DE LIQUIDES**  
[72] BARWIN, SIDNEY, CA  
[72] BARWIN, ROBYN, CA  
[71] BARWIN INC., CA  
[85] 2001-07-04  
[86] 2000-01-04 (PCT/CA00/00004)  
[87] 2000-07-13 (WO00/40340)  
[30] CA (2,257,738) 1999-01-04  
[30] US (09/328,344) 1999-06-09

[21] **2,358,459**  
[13] A1

[51] **Int.Cl. 7A61K 31/14 7A61P 9/00 7A61K 47/12 7A61K 31/138 7A61K 47/20**  
[25] EN  
[54] **BRETYLIUM COMPOSITIONS AND KITS, AND THEIR USE IN PREVENTING AND TREATING CARDIOVASCULAR CONDITIONS**  
[54] **NOUVELLES COMPOSITIONS ET TROUSSES DE BRETYLIUM, ET LEUR UTILISATION DANS LA PREVENTION ET LE TRAITEMENT DES PATHOLOGIES CARDIO-VASCULAIRES**  
[72] BACANER, MARVIN B., US  
[72] KREEVOY, MAURICE M., US  
[71] BACANER, MARVIN B., US  
[71] KREEVOY, MAURICE M., US  
[85] 2001-07-06  
[86] 2000-01-06 (PCT/US00/00350)  
[87] 2000-07-13 (WO00/40232)  
[30] US (60/115,143) 1999-01-08  
[30] US (60/116,567) 1999-01-21

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[21] **2,358,460**  
[13] A1  
[51] **Int.Cl. 7A63C 5/16 7A63C 5/03**  
[25] EN  
[54] **TWO-PIECE SNOWBOARD FOR THE CONTROLLED MOVEMENT ON SNOW OR OTHER MEDIA FOR GLIDING**  
[54] **PLANCHE A NEIGE EN DEUX PARTIES POUR ASSURER UN MOUVEMENT REGULE VERS L'AVANT SUR LA NEIGE ET D'AUTRES MILIEUX GLISSANTS**  
[72] RIEG, WOLFGANG, DE  
[71] RIEG, WOLFGANG, DE  
[85] 2001-07-06  
[86] 2000-01-04 (PCT/DE00/00095)  
[87] 2000-07-13 (WO00/40311)  
[30] DE (199 00 225.8) 1999-01-07  
[30] DE (199 63 965.5) 1999-12-31

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[21] **2,358,461**  
[13] A1  
[51] **Int.Cl. 7F25B 41/04**  
[25] EN  
[54] **VAPOR COMPRESSION SYSTEM AND METHOD**  
[54] **SYSTEME ET PROCEDE A COMPRESSION DE VAPEUR**  
[72] WIGHTMAN, DAVID A., US  
[71] XDX, LLC, US  
[85] 2001-07-10  
[86] 2000-01-11 (PCT/US00/00663)  
[87] 2000-07-20 (WO00/42363)  
[30] US (09/228,696) 1999-01-12  
[30] US (09/431,830) 1999-11-02  
[30] US (09/443,071) 1999-11-18

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[21] **2,358,462**  
[13] A1  
[51] **Int.Cl. 7F25B 41/06 7F25B 47/00**  
[25] EN  
[54] **VAPOR COMPRESSION SYSTEM AND METHOD**  
[54] **PROCEDE ET SYSTEME A COMPRESSION DE VAPEUR**  
[72] WIGHTMAN, DAVID A., US  
[71] XDX, LLC, US  
[85] 2001-07-10  
[86] 2000-01-10 (PCT/US00/00622)  
[87] 2000-07-20 (WO00/42364)  
[30] US (09/228,696) 1999-01-12  
[30] US (09/443,071) 1999-11-18

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[21] **2,358,464**  
[13] A1  
[51] **Int.Cl. 6G01N 27/26**  
[25] EN  
[54] **DISPOSABLE TEST STRIPS WITH INTEGRATED REAGENT/BLOOD SEPARATION LAYER**  
[54] **BANDELETTES DE TEST JETABLES A COUCHE DE SEPARATION REACTIF/SANG INTEGREE**  
[72] DAVIES, OLIVER W. H., GB  
[72] HALL, GEOFF, GB  
[72] MCALEER, JEROME F., GB  
[72] SCOTT, DAVID, GB  
[72] ALVAREZ-ICAZA, MANUEL, GB  
[72] PLOTKIN, ELLIOTT V., GB  
[71] INVERNESS MEDICAL TECHNOLOGY, INC., US  
[85] 2001-07-09  
[86] 2000-01-11 (PCT/US00/00620)  
[87] 2000-07-20 (WO00/42422)  
[30] US (09/228,855) 1999-01-12

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[21] **2,358,467**  
[13] A1  
[51] **Int.Cl. 7B05D 1/18 7B32B 17/02 7B32B 17/04 7B32B 5/14 7B32B 27/30**  
[25] EN  
[54] **METHODS OF MANUFACTURING VOIDFREE RESIN IMPREGNATED WEBS**  
[54] **PROCEDES PERMETTANT DE PRODUIRE DES TISSUS IMPREGNES DE RESINE EXEMPTS D'INTERSTICES**  
[72] HAMMES, EDWARD, US  
[72] WOLD, JOHN R., US  
[72] OLSON, LARRY D., US  
[72] MILLER, DAVE F., US  
[72] THEYERL, MARY JO, US  
[72] HEIN, MARC, US  
[71] ISOLA LAMINATE SYSTEMS CORP., US  
[85] 2001-07-04  
[86] 2000-01-03 (PCT/US00/00034)  
[87] 2000-07-13 (WO00/40345)  
[30] US (09/224,991) 1999-01-04

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[21] **2,358,468**  
[13] A1  
[51] **Int.Cl. 7A61F 5/00 7H04M 11/06**  
[25] EN  
[54] **REMOTE MONITORING OF AN INSTRUMENTED ORTHOSIS**  
[54] **COMMANDE A DISTANCE D'ORTHESE AVEC INSTRUMENTS**  
[72] TRACEY, TIMOTHY N., US  
[72] OYEN, DUANE, US  
[71] IZEX TECHNOLOGIES, INC., US  
[85] 2001-07-03  
[86] 1999-12-28 (PCT/US99/31030)  
[87] 2000-07-13 (WO00/40171)  
[30] US (09/226,866) 1999-01-07

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[21] **2,358,469**  
[13] A1  
[51] **Int.Cl. 7A61M 5/32**  
[25] EN  
[54] **APPARATUS AND METHOD FOR SUBCUTANEOUS ACCESS TO THE VASCULAR SYSTEM OF A PATIENT**  
[54] **DISPOSITIF SOUS-CUTANE ET PROCEDE D'ACCES AU SYSTEME VASCULAIRE D'UN PATIENT**  
[72] ESTABROOK, BRIAN K., US  
[72] SMITH, PAUL J., US  
[71] BIOLINK CORPORATION, US  
[85] 2001-07-06  
[86] 2000-01-04 (PCT/US00/00063)  
[87] 2000-07-13 (WO00/40282)  
[30] US (09/226,956) 1999-01-08

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[21] **2,358,470**  
[13] A1  
[51] **Int.Cl. 7F17C 11/00 7F25J 1/00**  
[25] EN  
[54] **PROCESS FOR PRODUCING A METHANE-RICH LIQUID**  
[54] **PROCEDE DE PRODUCTION D'UN LIQUIDE RICHE EN METHANE**  
[72] STONE, JOHN B., US  
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US  
[85] 2001-07-13  
[86] 1999-12-17 (PCT/US99/30256)  
[87] 2000-07-20 (WO00/42348)  
[30] US (60/115,980) 1999-01-15

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,358,471</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A23L 1/164 7A23L 1/09</b> [25] EN [54] <b>RTE CEREALS AND OTHER FOODS PRESWEETENED WITH D TAGATOSE</b> [54] <b>CEREALES PRETES A LA CONSOMMATION ET AUTRES ALIMENTS PRESUCRES A LA D-TAGATOSE</b> [72] CALLAGAN, JOHN L., GB [72] HOWLING, DAVID, GB [71] KELLOGG COMPANY, US [85] 2001-07-05 [86] 2000-01-14 (PCT/US00/00948) [87] 2000-07-27 (WO00/42865) [30] US (60/116,449) 1999-01-19</p>	<p style="text-align: right;">[21] <b>2,358,474</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 35/78 7A61K 33/04 7A61K 33/34</b> [25] EN [54] <b>PHARMACEUTICAL COMPOSITION FOR THE TREATMENT OF RHEUMATIC SYNDROMES CONTAINING SULFUR, MUSTARD SEEDS AND A COPPER SALT</b> [54] <b>COMPOSITION PHARMACEUTIQUE POUR TRAITER LES SYNDROMES RHUMATISMAUX, CONTENANT DU SOUFRE, DES GRAINES DE MOUTARDE ET UN SEL DE CUIVRE</b> [72] GSCHWEND, NORBERT, CH [72] GSCHWEND, NORBERT A., CH [71] GSCHWEND, NORBERT, CH [71] GSCHWEND, NORBERT A., CH [85] 2001-07-19 [86] 2000-01-19 (PCT/CH00/00027) [87] 2000-07-27 (WO00/43021) [30] EP (99100923.4) 1999-01-20</p>	<p style="text-align: right;">[21] <b>2,358,478</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61B 17/16</b> [25] EN [54] <b>SURGICAL CHISEL AND METHOD OF USING SAME</b> [54] <b>CISEAU CHIRURGICAL ET PROCEDE D'UTILISATION</b> [72] SCHOLL, CHRISTOPHER HARGEST, US [71] SYNTHES (U.S.A.), US [85] 2001-07-17 [86] 1999-11-22 (PCT/CH99/00556) [87] 2000-07-27 (WO00/42925) [30] US (09/233,060) 1999-01-20</p>
<p style="text-align: right;">[21] <b>2,358,472</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F17C 13/00 7F24C 3/08</b> [25] EN [54] <b>GAS APPLIANCE</b> [54] <b>APPAREIL A GAZ</b> [72] HAWKINS, DAVID JOHN DRAKE, ZA [71] ALSTONE LIMITED, VG [85] 2001-07-16 [86] 2000-01-17 (PCT/IB00/00046) [87] 2000-07-20 (WO00/42349) [30] ZA (99/0321) 1999-01-18</p>	<p style="text-align: right;">[21] <b>2,358,476</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B65D 85/24 7A61M 25/00</b> [25] EN [54] <b>STORAGE PACKAGE AND A METHOD FOR PACKAGING</b> [54] <b>EMBALLAGE DE CONSERVATION ET PROCEDE D'EMBALLAGE</b> [72] ISRAELSSON, ANETTE, SE [72] PETTERSSON, AGNETA, SE [72] UTAS, JAN, SE [71] ASTRA TECH AB, SE [85] 2001-07-03 [86] 2000-02-14 (PCT/SE00/00289) [87] 2000-08-17 (WO00/47494) [30] SE (9900465-7) 1999-02-12</p>	<p style="text-align: right;">[21] <b>2,358,480</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01N 27/26 6G01N 27/447</b> [25] EN [54] <b>COPOLYMERS FOR CAPILLARY GEL ELECTROPHORESIS</b> [54] <b>COPOLYMERES DESTINES A L'ELECTROPHORESE CAPILLAIRE EN GEL</b> [72] LI, QINGBO, US [72] LIU, CHANGSHENG, US [71] SPECTRUMEDIX CORPORATION, US [85] 2001-07-11 [86] 2000-01-12 (PCT/US00/00793) [87] 2000-07-20 (WO00/42423) [30] US (60/115,588) 1999-01-12</p>
<p style="text-align: right;">[21] <b>2,358,473</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61B 5/00</b> [25] EN [54] <b>SYSTEM AND METHOD FOR NONINVASIVE BLOOD ANALYTE MEASUREMENTS</b> [54] <b>SYSTEME ET PROCEDE DE MESURES NON VULNERANTES D'UN ANALYTE SANGUIN</b> [72] RUCHTI, TIMOTHY L., US [72] MALIN, STEPHEN F., US [71] INSTRUMENTATION METRICS, INC., US [85] 2001-07-18 [86] 2000-01-19 (PCT/US00/01378) [87] 2000-07-27 (WO00/42907) [30] US (60/116,883) 1999-01-22 [30] US (09/359,191) 1999-07-22</p>	<p style="text-align: right;">[21] <b>2,358,477</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01C 21/00 7G05D 1/02</b> [25] EN [54] <b>MULTI-DIMENSIONAL ROUTE OPTIMIZER</b> [54] <b>OPTIMISEUR DE TRAJECTOIRE MULTIDIMENSIONNELLE</b> [72] SHANER, DONALD A., US [72] SCHULTZ, ROBERT L., US [71] HONEYWELL INC., US [85] 2001-07-04 [86] 1999-11-16 (PCT/US99/27150) [87] 2000-07-13 (WO00/40929) [30] US (09/223,846) 1998-12-31</p>	<p style="text-align: right;">[21] <b>2,358,481</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A22C 11/00</b> [25] EN [54] <b>A METHOD AND AN APPARATUS FOR REMOVING THE SKIN FROM A SAUSAGE</b> [54] <b>PROCEDE ET APPAREIL PERMETTANT D'ENLEVER LA PEAU D'UN SAUCISSON</b> [72] ANDERSSON, ULF, SE [71] PEELER SYSTEM AB, SE [85] 2001-06-21 [86] 1999-12-08 (PCT/SE99/02296) [87] 2000-06-29 (WO00/36922) [30] SE (9804554-5) 1998-12-22</p>

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[21] **2,358,483**  
[13] A1  
[51] **Int.Cl. 7F21L 4/02 7F21L 4/08**  
[25] FR  
[54] **LAMPE TORCHE A BOITIER TUBULAIRE COMPRENANT UN SYSTEME DE SECOURS GERE PAR MICROPROCESSEUR**  
[54] **FLASH-LIGHT WITH TUBULAR CASE COMPRISING A SAFETY SYSTEM MANAGED BY A MICROPROCESSOR**  
[72] ROUX, FRANCOIS, FR  
[72] CASSAN, THIERRY, FR  
[71] ROUX, FRANCOIS, FR  
[71] CASSAN, THIERRY, FR  
[85] 2001-07-11  
[86] 1999-12-31 (PCT/FR99/03328)  
[87] 2000-07-20 (WO00/42350)  
[30] FR (99/00216) 1999-01-12

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[21] **2,358,485**  
[13] A1  
[51] **Int.Cl. 7A61F 2/14 7A61F 2/16**  
[25] EN  
[54] **DEVICE FOR TREATING PRESBYOPIA OR OTHER OCULAR DISORDER**  
[54] **DISPOSITIF POUR TRAITER LA PRESBYTIE OU AUTRE AFFECTION OCULAIRE**  
[72] STUBLER, JEROME, FR  
[72] BOS, GILLES, FR  
[72] GANEM, STEPHANE, FR  
[71] SOCIETE MEDICALE DE PRECISION S.M.P. SA, CH  
[85] 2001-06-28  
[86] 1999-12-29 (PCT/FR99/03307)  
[87] 2000-07-13 (WO00/40174)  
[30] FR (98/16723) 1998-12-31

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[21] **2,358,486**  
[13] A1  
[51] **Int.Cl. 7A61F 13/15**  
[25] EN  
[54] **WATER-FLUX LIMITING CLEANSING ARTICLES**  
[54] **ARTICLE DE TOILETTE PRESENTANT UNE CAPACITE LIMITEE D'ECOULEMENT D'EAU**  
[72] SMITH, EDWARD DEWEY III, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-07-12  
[86] 2000-01-20 (PCT/US00/01387)  
[87] 2000-07-27 (WO00/42961)  
[30] US (60/116,565) 1999-01-21

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[21] **2,358,487**  
[13] A1  
[51] **Int.Cl. 7A61K 31/4745 7A61P 25/28**  
[25] EN  
[54] **USE OF PHANQUINONE FOR THE TREATMENT OR PREVENTION OF MEMORY IMPAIRMENT**  
[54] **UTILISATION DE PHANQUINONE POUR LE TRAITEMENT OU LA PREVENTION DES TROUBLES MNESIQUES**  
[72] GEROLYMATOS, PANAYOTIS NIKOLAS, GR  
[72] XILINAS, MICHEL, CY  
[71] P.N. GEROLYMATOS S.A., GR  
[85] 2001-07-03  
[86] 2000-01-06 (PCT/IB00/00011)  
[87] 2000-07-13 (WO00/40244)  
[30] GR (990100005) 1999-01-07

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[21] **2,358,488**  
[13] A1  
[51] **Int.Cl. 7A61F 13/15 7A61F 5/44 7A61L 15/58**  
[25] EN  
[54] **DISPOSABLE HUMAN WASTE MANAGEMENT DEVICES**  
[54] **DISPOSITIFS JETABLES DE GESTION DES EXCREMENTS D'ORIGINE HUMAINE**  
[72] TIGHE, BRIAN JOHN, GB  
[72] MUNRO, HUGH SEMPLE, GB  
[72] TORDONE, ADELIA ALESSANDRA, IT  
[72] CINELLI, FABIO, IT  
[72] COLAIANNI, ANTONELLO, IT  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-07-17  
[86] 2000-02-02 (PCT/US00/02705)  
[87] 2000-08-10 (WO00/45766)  
[30] EP (99102040.5) 1999-02-02

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[21] **2,358,489**  
[13] A1  
[51] **Int.Cl. 7A61B 19/00 7A61B 17/02**  
[25] EN  
[54] **SLED ASSEMBLY FOR USE WITH A SURGICAL RETRACTOR AND MEDICAL INSTRUMENT**  
[54] **ENSEMBLE COULISSANT POUR ECARTEUR CHIRURGICAL ET INSTRUMENT MEDICAL**  
[72] STOUT, JEFFREY T., US  
[72] WOLFE, JUSTIN, US  
[72] MARTIN, THOMAS E., US  
[72] NALBANDIAN, SARO, US  
[72] LOONEY, CHRISTOPHER S., US  
[72] ZWONITZER, STEPHEN J., US  
[72] TRAVERS, LAWRENCE F., US  
[72] BROWN, JENNIE H., US  
[72] VALERIO, MICHAEL A., US  
[72] CHARLES, KIRK W., US  
[71] GENZYME CORPORATION, US  
[85] 2001-07-19  
[86] 2000-01-21 (PCT/US00/01571)  
[87] 2000-07-27 (WO00/42935)  
[30] US (60/117,333) 1999-01-24  
[30] US (09/345,859) 1999-07-01  
[30] US (09/489,314) 2000-01-21

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[21] **2,358,490**  
[13] A1  
[51] **Int.Cl. 7A61K 9/10**  
[25] EN  
[54] **ANTI-PLAQUE EMULSIONS AND PRODUCTS CONTAINING SAME**  
[54] **EMULSIONS CONTRE LA PLAQUE DENTAIRE ET PRODUITS QUI LES CONTIENNENT**  
[72] WITKEWITZ, DAVE L., US  
[72] BARABOLAK, ROMAN M., US  
[71] WM. WRIGLEY JR. COMPANY, US  
[85] 2001-07-17  
[86] 2000-02-01 (PCT/US00/02461)  
[87] 2000-08-10 (WO00/45789)  
[30] US (60/118,330) 1999-02-03  
[30] US (09/453,383) 1999-12-02

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[21] **2,358,491**  
[13] A1  
[51] **Int.Cl. 7A61K 45/00 7A61K 35/00 7A61K 38/08**  
[25] EN  
[54] **ANTITUMOR AGENTS**  
[54] **AGENTS ANTITUMORAUX**  
[72] KOHNO, MICHIAKI, JP  
[72] WATANABE, KAZUSHI, JP  
[71] TEIKOKU HORMONE MFG. CO., LTD., JP  
[85] 2001-07-06  
[86] 2000-01-04 (PCT/JP00/00002)  
[87] 2000-07-13 (WO00/40268)  
[30] JP (11/2971) 1999-01-08

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[21] **2,358,493**  
[13] A1  
[51] **Int.Cl. 7A61K 9/36 7A61K 9/28 7A61K 9/32**  
[25] EN  
[54] **EDIBLE COATING COMPOSITION**  
[54] **COMPOSITION D'ENROBAGE COMESTIBLE**  
[72] RUSZKAY, THOMAS A., US  
[72] WERNER, DAVID E., US  
[72] DELL, SHEILA M., US  
[72] MODLISZEWSKI, JAMES J., US  
[72] TUASON, DOMINGO C., US  
[72] AUGELLO, MICHAEL, US  
[71] FMC CORPORATION, US  
[85] 2001-07-17  
[86] 2000-02-07 (PCT/US00/03130)  
[87] 2000-08-10 (WO00/45794)  
[30] US (60/119,005) 1999-02-08  
[30] US (60/133,092) 1999-05-07  
[30] US (60/162,514) 1999-10-29  
[30] US (60/167,407) 1999-11-24  
[30] US (60/172,526) 1999-12-17  
[30] US (09/491,724) 2000-01-27

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[21] **2,358,495**  
[13] A1  
[51] **Int.Cl. 7A61K 38/24 7A61K 38/04 7A61K 9/14 7A61K 9/52**  
[25] EN  
[54] **PROLONGED RELEASE MICROSPHERE ENCAPSULATING LUTEINIZING HORMONE-RELEASING HORMONE ANALOGUES AND METHOD FOR PREPARING THE SAME**  
[54] **MICROSPHERE A LIBERATION PROLONGEE UTILISEE POUR ENCAPSULER DES ANALOGUES DE LA LUTEOLIBERINE, ET SON PROCEDE DE PRODUCTION**  
[72] PARK, MORK SOON, KR  
[72] PARK, JIN KYU, KR  
[72] PARK, TAE KWAN, KR  
[72] CHOI, SEUNG HO, KR  
[72] BAEK, MYOUNG KI, KR  
[71] DONG KOOK PHARMACEUTICAL CO., LTD., KR  
[85] 2001-06-26  
[86] 1999-02-11 (PCT/KR99/00071)  
[87] 2000-07-13 (WO00/40259)  
[30] KR (1998/62142) 1998-12-30

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[21] **2,358,496**  
[13] A1  
[51] **Int.Cl. 6G01N 5/02**  
[25] EN  
[54] **DEVICE AND METHOD FOR MEASURING MOISTURE PERMEABILITY**  
[54] **METHODE DE MESURE DE LA PERMEABILITE A L'HUMIDITE ET DISPOSITIF CORRESPONDANT**  
[72] MIZOBE, KUNITAKA, JP  
[71] MIZOBE, KUNITAKA, JP  
[85] 2001-07-18  
[86] 1999-07-26 (PCT/JP99/03998)  
[87] 2000-07-20 (WO00/42411)  
[30] JP (11/9138) 1999-01-18

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[21] **2,358,497**  
[13] A1  
[51] **Int.Cl. 7A61K 47/48 7A61P 35/00**  
[25] EN  
[54] **LIGAND-PEG POST-COATING STABILIZED LIPOPLEX AND POLYPLEX FOR TARGETED GENE DELIVERY**  
[54] **LIPOPLEXE ET POLYPLEXE STABILISES SELON UN PROCEDE DE POST-APPLICATION D'UN LIGAND-PEG DANS L'ADMINISTRATION CIBLEE DE GENES**  
[72] CHANG, ESTHER H., US  
[72] XU, LIANG, US  
[71] GEORGETOWN UNIVERSITY, US  
[85] 2001-07-17  
[86] 2000-01-21 (PCT/US00/01346)  
[87] 2000-07-27 (WO00/43043)  
[30] US (60/116,792) 1999-01-21

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[21] **2,358,499**  
[13] A1  
[51] **Int.Cl. 7A61L 15/48 7A61F 13/15 7A61F 5/44 7A61L 15/58**  
[25] EN  
[54] **DISPOSABLE ABSORBENT ARTICLES WITH IMPROVED ADHESIVE FOR ATTACHMENT TO THE SKIN TO FACILITATE ADHESION IN OILY CONDITIONS**  
[54] **ARTICLES ABSORBANTS JETABLES POURVUS D'UN ADHESIF AMELIORE SE FIXANT A LA PEAU QUI FACILITE L'ADHERENCE DANS DES CONDITIONS HUILEUSES**  
[72] TORDONE, ADELIA ALESSANDRA, IT  
[72] COLAIANNI, ANTONELLO, IT  
[72] CINELLI, FABIO, IT  
[72] MUNRO, HUGH SEMPLE, GB  
[72] TIGHE, BRIAN JOHN, GB  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-07-17  
[86] 2000-02-02 (PCT/US00/02769)  
[87] 2000-08-10 (WO00/45863)  
[30] EP (99102051.2) 1999-02-02

## PCT Applications Entering the National Phase

[21] **2,358,500**  
[13] A1

[51] **Int.Cl. 7A61L 15/58 7A61F 13/15 7A61F 5/44**  
[25] EN  
[54] **DISPOSABLE ABSORBENT ARTICLES WITH WATER ADHESION STABILITY**  
[54] **ARTICLES ABSORBANTS JETABLES A STABILITE D'ADHERENCE EN PRESENCE D'EAU**  
[72] CINELLI, FABIO, IT  
[72] COLAIANNI, ANTONELLO, IT  
[72] TORDONE, ADELIA ALESSANDRA, IT  
[72] MUNRO, HUGH SEMPLE, GB  
[72] TIGHE, BRIAN JOHN, GB  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-07-17  
[86] 2000-02-02 (PCT/US00/02706)  
[87] 2000-08-10 (WO00/45865)  
[30] EP (99102048.8) 1999-02-02

[21] **2,358,501**  
[13] A1

[51] **Int.Cl. 6G01N 15/08**  
[25] EN  
[54] **DEVICE AND METHOD FOR MEASURING AIR PERMEABILITY**  
[54] **METHODE DE MESURE DE LA PERMEABILITE A L'AIR ET DISPOSITIF CORRESPONDANT**  
[72] MIZOBE, KUNITAKA, JP  
[71] MIZOBE, KUNITAKA, JP  
[85] 2001-07-18  
[86] 1999-07-26 (PCT/JP99/03997)  
[87] 2000-07-20 (WO00/42413)  
[30] JP (11/9150) 1999-01-18

[21] **2,358,502**  
[13] A1

[51] **Int.Cl. 7G01N 27/90 7G01M 3/40**  
[25] EN  
[54] **A SUBSURFACE PIPELINE INSPECTION PROBE**  
[54] **SONDE D'INSPECTION DE PIPELINE SOUTERRAIN**  
[72] CULL, JAMES PHILLIP, AU  
[71] ROCK SOLID RESEARCH PTY LTD., AU  
[85] 2001-07-10  
[86] 2000-01-13 (PCT/AU00/00017)  
[87] 2000-07-20 (WO00/42425)  
[30] AU (PP 8134) 1999-01-13

[21] **2,358,503**  
[13] A1

[51] **Int.Cl. 7A61L 15/58 7A61F 13/15 7A61F 5/44 7A61L 15/48**  
[25] EN  
[54] **DISPOSABLE HUMAN WASTE MANAGEMENT DEVICES WITH ADHESIVE FLANGE**  
[54] **DISPOSITIFS JETABLES DE RECUEIL DE DECHETS HUMAINS POURVUS D'UN REBORD ADHESIF**  
[72] MUNRO, HUGH SEMPLE, GB  
[72] TIGHE, BRIAN JOHN, GB  
[72] COLAIANNI, ANTONELLO, IT  
[72] TORDONE, ADELIA ALESSANDRA, IT  
[72] CINELLI, FABIO, IT  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-07-17  
[86] 2000-02-02 (PCT/US00/02768)  
[87] 2000-08-10 (WO00/45866)  
[30] EP (99102050.4) 1999-02-02

[21] **2,358,504**  
[13] A1

[51] **Int.Cl. 7G01N 33/48 7G01N 33/00 7C12Q 1/00 7G01N 33/53 7G01N 33/573**  
[25] EN  
[54] **METHODS OF DETERMINING AN INCREASED RISK OF A WOMAN CARRYING A DOWNS SYNDROME**  
[54] **METHODES DE DETERMINATION DE RISQUE AUGMENTE POUR UNE FEMME PORTANT UN FOETUS ATTEINT DU SYNDROME DE DOWN**  
[72] PANDIAN, M. R., US  
[71] QUEST DIAGNOSTICS INVESTMENTS INCORPORATED, US  
[85] 2001-07-11  
[86] 2000-01-10 (PCT/US00/00653)  
[87] 2000-07-20 (WO00/42428)  
[30] US (09/229,136) 1999-01-12

[21] **2,358,505**  
[13] A1

[51] **Int.Cl. 7A61K 9/127**  
[25] EN  
[54] **NOVEL HYDROGEL ISOLATED COCHLEATE FORMULATIONS, PROCESS OF PREPARATION AND THEIR USE FOR THE DELIVERY OF BIOLOGICALLY RELEVANT MOLECULES**  
[54] **NOUVELLES FORMULATIONS DE STRUCTURES COCHLEAIRES ISOLEES DANS DES HYDROGELS, PROCEDE DE PREPARATION ET UTILISATION DE CELLES-CI POUR ADMINISTRER DES MOLECULES BIOLOGIQUEMENT UTILES**  
[72] MANNINO, RAPHAEL, US  
[72] SEGARRA, IGNACIO, US  
[72] ZARIF, LEILA, US  
[72] JIN, TUO, US  
[71] UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY, US  
[71] BIODELIVERY SCIENCES, INC., US  
[85] 2001-07-19  
[86] 2000-01-24 (PCT/US00/01684)  
[87] 2000-07-27 (WO00/42989)  
[30] US (09/235,400) 1999-01-22

[21] **2,358,507**  
[13] A1

[51] **Int.Cl. 6D02G 3/00 6D06L 3/02 6D06P 1/44 6D06P 1/607 6D06P 1/653 6D06P 1/673**  
[25] EN  
[54] **STABLE COLORING BY IN SITU FORMATION OF MICRO-PARTICLES**  
[54] **TEINTURE STABLE PAR FORMATION IN SITU DE MICROPARTICULES**  
[72] TODD, WILLIAM J., US  
[71] BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND, US  
[85] 2001-07-04  
[86] 1999-02-03 (PCT/US99/02306)  
[87] 2000-08-10 (WO00/46438)

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[21] **2,358,508**  
[13] A1

[51] **Int.Cl. 7A61K 38/17**  
[25] EN  
[54] **THERAPEUTIC APPLICATIONS OF FLINT POLYPEPTIDES**  
[54] **APPLICATIONS THERAPEUTIQUES DE POLYPEPTIDES FLINT**  
[72] POSADA, JAMES ARTHUR, US  
[72] WIERDA, DANIEL, US  
[72] COHEN, FREDRIC JAY, US  
[71] ELI LILLY AND COMPANY, US  
[85] 2001-06-21  
[86] 1999-12-21 (PCT/US99/30734)  
[87] 2000-06-29 (WO00/37094)  
[30] US (60/113,407) 1998-12-22  
[30] US (PCT/US99/06797) 1999-03-30  
[30] US (60/172,239) 1999-10-20

[21] **2,358,509**  
[13] A1

[51] **Int.Cl. 7A01H 1/04 7G06F 19/00 7A01H 5/00 7C12Q 1/68**  
[25] EN  
[54] **MOLECULAR PROFILING FOR HETEROSIS SELECTION**  
[54] **DETERMINATION DE PROFILS MOLECULAIRES POUR LA SELECTION DE L'HETEROSIS**  
[72] GUO, MEI, US  
[72] SMITH, OSCAR, US  
[72] BOWEN, BEN, US  
[71] PIONEER HI-BRED INTERNATIONAL, INC., US  
[85] 2001-07-12  
[86] 2000-01-19 (PCT/US00/01422)  
[87] 2000-07-27 (WO00/42838)  
[30] US (60/116,617) 1999-01-21  
[30] US (60/166,368) 1999-11-17

[21] **2,358,510**  
[13] A1

[51] **Int.Cl. 7G01N 33/569**  
[25] EN  
[54] **METHODS FOR DETECTING AN ANALYTE OF INTEREST USING TYRAMIDE COATING TECHNOLOGY**  
[54] **METHODES DE DETECTION D'UN ANALYTE RECHERCHE A L'AIDE DE TECHNOLOGIE DE REVETEMENT DE TYRAMIDE**  
[72] KAPLAN, DAVID R., US  
[71] VERVE, LTD., US  
[85] 2001-07-12  
[86] 2000-01-10 (PCT/US00/00652)  
[87] 2000-07-20 (WO00/42435)  
[30] US (09/229,001) 1999-01-12

[21] **2,358,512**  
[13] A1

[51] **Int.Cl. 7G01V 1/36**  
[25] EN  
[54] **METHOD OF ATTENUATING NOISE IN THREE DIMENSIONAL SEISMIC DATA USING A PROJECTION FILTER**  
[54] **PROCEDE POUR ATTENUER LE BRUIT DANS DES DONNEES SISMQUES TRIDIMENSIONNELLES A L'AIDE D'UN FILTRE DE PROJECTION**  
[72] OZDEMIR, AHMET KEMAL, TR  
[72] OZBEK, ALI, GB  
[72] FERBER, RALF, GB  
[72] ZEROUK, KAMIL, GB  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2001-07-10  
[86] 2000-01-12 (PCT/GB00/00058)  
[87] 2000-07-20 (WO00/42448)  
[30] GB (9900723.9) 1999-01-14

[21] **2,358,513**  
[13] A1

[51] **Int.Cl. 7A47G 9/10**  
[25] EN  
[54] **HEAD SUPPORT DEVICE FOR INFANTS**  
[54] **SUPPORT DE TETE POUR ENFANTS**  
[72] SALIDO, CYNTHIA R, US  
[72] SALIDO, RUDOLPH E., US  
[71] SALIDO, CYNTHIA R., US  
[71] SALIDO, RUDOLPH E., US  
[85] 2001-07-11  
[86] 2000-01-14 (PCT/US00/00958)  
[87] 2000-07-27 (WO00/42888)  
[30] US (09/236,190) 1999-01-23

[21] **2,358,514**  
[13] A1

[51] **Int.Cl. 7G02B 6/00**  
[25] EN  
[54] **GANGED BOXES FOR HOLDING OPTICAL COMPONENTS**  
[54] **BOITIERS JUXTAPOSES DESTINES A RECEVOIR DES COMPOSANTS OPTIQUES**  
[72] DEMERITT, JEFFERY A., US  
[72] KUBISSA, CYNTHIA A., US  
[72] WETHERILL, TODD M., US  
[71] CORNING INCORPORATED, US  
[85] 2001-07-12  
[86] 1999-12-15 (PCT/US99/29697)  
[87] 2000-07-20 (WO00/42455)  
[30] US (60/116,182) 1999-01-14

[21] **2,358,518**  
[13] A1

[51] **Int.Cl. 7B41F 17/00**  
[25] EN  
[54] **MARKING DEVICE**  
[54] **DISPOSITIF DE MARQUAGE**  
[72] PUCHER, PETER, AT  
[71] PMS ELEKTROTECHNIK GMBH, AT  
[85] 2001-06-28  
[86] 1999-12-02 (PCT/AT99/00295)  
[87] 2000-07-06 (WO00/38919)  
[30] AT (A 2184/98) 1998-12-29

[21] **2,358,519**  
[13] A1

[51] **Int.Cl. 7A61K 7/16**  
[25] EN  
[54] **DUAL COMPONENT DENTINAL DESENSITIZING DENTIFRICE**  
[54] **DENTIFRICE DESENSIBILISATEUR DENTINAIRE A DEUX COMPOSANTS**  
[72] FISHER, STEVEN W., US  
[72] GAMBOGI, ROBERT J., US  
[72] MASTERS, JAMES G., US  
[72] JOZIAK, MARILOU T., US  
[72] TAVSS, EDWARD A., US  
[71] COLGATE-PALMOLIVE COMPANY, US  
[85] 2001-07-17  
[86] 2000-01-19 (PCT/US00/01220)  
[87] 2000-07-27 (WO00/42981)  
[30] US (09/234,829) 1999-01-21

[21] **2,358,521**  
[13] A1

[51] **Int.Cl. 7A61F 2/24**  
[25] EN  
[54] **FLEXIBLE HEART VALVE**  
[54] **VALVULE CARDIAQUE SOUPLE**  
[72] LAM, HUNG LY, US  
[72] NGUYEN-THIEN-NHON DIANA, US  
[72] CARPENTIER, ALAIN F., FR  
[72] SCHRECK, STEFAN G., US  
[72] RHEE, RICHARD S., US  
[72] RECKTENWALD, WILLIAM, US  
[71] EDWARDS LIFESCIENCES CORPORATION, US  
[85] 2001-07-12  
[86] 2000-01-26 (PCT/US00/01855)  
[87] 2000-07-27 (WO00/42950)  
[30] US (60/117,445) 1999-01-26  
[30] US (09/332,759) 1999-06-14



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[13] A1  
[51] **Int.Cl. 7A01N 43/80 7A01N 25/26 7A01N 25/28**  
[25] EN  
[54] **WEED CONTROL**  
[54] **LUTTE CONTRE LES MAUVAISES HERBES**  
[72] ZERROUK, ROBERT, FR  
[72] COLEGATE, RACHEL, GB  
[72] ROBERTS, DAVID ALAN, GB  
[71] AVENTIS AGRICULTURE LIMITED, GB  
[85] 2001-06-29  
[86] 2000-02-01 (PCT/EP00/01102)  
[87] 2000-08-10 (WO00/45637)  
[30] GB (9902232.9) 1999-02-01  
[30] GB (9908313.1) 1999-04-12

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[21] **2,358,523**  
[13] A1  
[51] **Int.Cl. 7A61F 2/24**  
[25] EN  
[54] **ANATOMICAL ORIFICE SIZERS AND METHODS OF ORIFICE SIZING**  
[54] **CALIBRES POUR ORIFICES ANATOMIQUES ET PROCEDE DE CALIBRAGE D'ORIFICES ANATOMIQUES**  
[72] STOBIE, ROBERT, US  
[71] EDWARDS LIFESCIENCES CORPORATION, US  
[85] 2001-07-09  
[86] 2000-01-26 (PCT/US00/01856)  
[87] 2000-07-27 (WO00/42951)  
[30] US (60/117,258) 1999-01-26

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[21] **2,358,524**  
[13] A1  
[51] **Int.Cl. 7A61K 9/70 7A61K 9/00 7A61P 15/10**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR MUCOSAL DELIVERY**  
[54] **COMPOSITIONS POUR ADMINISTRATION PAR LES MUQUEUSES ET PROCEDES ASSOCIES**  
[72] BURANACHOKPAISAN, THITIWAN, US  
[72] TAN, HOCK SENG, US  
[72] OSBORNE, JAMES, US  
[72] PFISTER, WILLIAM R., US  
[72] RENN, DONALD W., US  
[72] TAO, LI, US  
[72] CHEN, LI-LAN H., US  
[71] LAVIPHARM LABORATORIES, INC., US  
[85] 2001-07-17  
[86] 1999-12-30 (PCT/US99/31327)  
[87] 2000-07-27 (WO00/42992)  
[30] US (60/116,823) 1999-01-21  
[30] US (09/434,878) 1999-11-05

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[21] **2,358,525**  
[13] A1  
[51] **Int.Cl. 7H04L 12/56 7H04L 29/06**  
[25] EN  
[54] **DYNAMIC ASSIGNMENT OF TRAFFIC CLASSES TO A PRIORITY QUEUE IN A PACKET FORWARDING DEVICE**  
[54] **AFFECTATION DYNAMIQUE DE CLASSES DE TRAFIC A UNE FILE D'ATTENTE PRIORITAIRE DANS UN DISPOSITIF DE REACHEMINEMENT DE PAQUETS**  
[72] LAU, STEPHEN, US  
[72] LAVIAN, TAL, I., US  
[71] NORTEL NETWORKS LIMITED, CA  
[85] 2001-07-06  
[86] 2000-01-07 (PCT/US00/00428)  
[87] 2000-07-13 (WO00/41368)  
[30] US (09/227,389) 1999-01-08

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[21] **2,358,526**  
[13] A1  
[51] **Int.Cl. 7G10H 1/34 7G10H 1/00 7G10H 3/18 7G10H 1/38**  
[25] EN  
[54] **ELECTRONIC STRINGED MUSICAL INSTRUMENT**  
[54] **INSTRUMENT DE MUSIQUE A CORDES ELECTRONIQUE**  
[72] OKULOV, PAUL, CA  
[72] PARADIS, JEAN-PIERRE, CA  
[72] FASANO, UBALDO (deceased), FR  
[71] THE GUITRON CORPORATION, CA  
[85] 2001-08-02  
[86] 2000-02-02 (PCT/CA00/00091)  
[87] 2000-08-10 (WO00/46785)  
[30] US (60/118,525) 1999-02-02

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[21] **2,358,527**  
[13] A1  
[51] **Int.Cl. 7G06T 17/20**  
[25] EN  
[54] **METHOD FOR SIMPLIFYING A SOURCE MESH, TAKING INTO ACCOUNT THE LOCAL CURVATURE AND THE LOCAL GEOMETRY, AND CORRESPONDING USES**  
[54] **PROCEDE DE SIMPLIFICATION D'UN MAILLAGE SOURCE, TENANT COMPTE DE LA COURBURE LOCALE ET DE LA DYNAMIQUE GEOMETRIQUE LOCALE, ET APPLICATIONS CORRESPONDANTES**  
[72] ALLIEZ, PIERRE, FR  
[72] LAURENT-CHATENET, NATHALIE, FR  
[71] FRANCE TELECOM, FR  
[85] 2001-06-27  
[86] 2000-01-11 (PCT/FR00/00046)  
[87] 2000-07-20 (WO00/42575)  
[30] FR (99/00304) 1999-01-11

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[21] **2,358,528**  
[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **SYSTEM AND METHOD FOR INTEGRATING TRADING OPERATIONS INCLUDING THE GENERATION, PROCESSING AND TRACKING OF AND TRADE DOCUMENTS**  
[54] **SYSTEME ET PROCEDE D'INTEGRATION D'OPERATIONS COMMERCIALES COMPRENANT LA GENERATION, LE TRAITEMENT ET LE SUIVI DE DOCUMENTS COMMERCIAUX ET DOCUMENTS CONCERNES**  
[72] CHOW, ZENO, CN  
[72] LAYER, JACQUELINE, GB  
[72] HALPIN, TOM, US  
[72] CHEUNG, STEPHEN, CN  
[72] YEUNG, K. K., CN  
[72] TAIM, M. P., CN  
[72] YAP, YOKE BEE, US  
[72] LEUNG, KEVIN, US  
[72] CHAN, TOMMY, CN  
[72] SOLOMON, SOL, US  
[72] FUNG, SAMMY, CN  
[72] KO, PATRICK, CN  
[72] SUN, ALBERT, US  
[72] TOULIS, NICOLE, US  
[71] THE CHASE MANHATTAN BANK, US  
[85] 2001-06-22  
[86] 1999-12-23 (PCT/US99/30976)  
[87] 2000-06-29 (WO00/38095)  
[30] US (60/113,643) 1998-12-23  
[30] US (60/113,561) 1998-12-23

[21] **2,358,529**  
[13] A1

[51] **Int.Cl. 7G02B 6/13 7G02B 6/00 7G02B 6/42**  
[25] EN  
[54] **METHOD FOR CONSTRUCTING AN OPTOELECTRONIC ASSEMBLY**  
[54] **PROCEDE DE CONSTRUCTION D'UN ASSEMBLAGE OPTOELECTRONIQUE**  
[72] VERDIELL, JEAN-MARC, US  
[71] LIGHTLOGIC, INC., US  
[85] 2001-07-11  
[86] 2000-01-06 (PCT/US00/00408)  
[87] 2000-07-20 (WO00/42464)  
[30] US (09/229,489) 1999-01-11

[21] **2,358,530**  
[13] A1

[51] **Int.Cl. 7G06T 17/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MANAGING AND/OR UTILIZING DATA RECEIVED FROM A CAD MODEL**  
[54] **PROCEDE ET APPAREIL PERMETTANT DE GERER ET/OU D'UTILISER DES DONNEES RECUES D'UN MODELE CAO**  
[72] GAYLO, CHRISTOPHER M., US  
[72] BELL, DAVID E., US  
[71] THERICS, INC., US  
[85] 2001-07-11  
[86] 2000-01-12 (PCT/US00/00825)  
[87] 2000-07-20 (WO00/42574)  
[30] US (60/115,584) 1999-01-12

[21] **2,358,531**  
[13] A1

[51] **Int.Cl. 7G06F 17/30**  
[25] EN  
[54] **METHOD AND SYSTEM FOR DATABASE-DRIVEN, SCALABLE WEB PAGE DEVELOPMENT, DEPLOYMENT-DOWNLOAD, AND EXECUTION**  
[54] **PROCEDE ET SYSTEME DE CREATION, D'INSTALLATION, DE TELECHARGEMENT ET D'EXECUTION D'UNE PAGE WEB EVOLUTIVE EXPLOITANT UNE BASE DE DONNEES**  
[72] ONYEABOR, GILLIS E., US  
[71] ONYEABOR, GILLIS E., US  
[85] 2001-07-05  
[86] 2000-01-14 (PCT/US00/01016)  
[87] 2000-07-20 (WO00/42528)  
[30] US (09/231,123) 1999-01-15

[21] **2,358,532**  
[13] A1

[51] **Int.Cl. 7A47C 21/08 7A61G 7/00 7A61G 1/02**  
[25] EN  
[54] **CONVERTIBLE STRETCHER**  
[54] **CHASSIS DE LIT CONVERTIBLE**  
[72] HEIMBROCK, RICHARD H., US  
[72] TURNER, JONATHAN D., US  
[72] SMITH, DONALD E., US  
[71] HILL-ROM SERVICES, INC., US  
[85] 2001-07-19  
[86] 2000-01-13 (PCT/US00/00862)  
[87] 2000-07-27 (WO00/42884)  
[30] US (60/116,826) 1999-01-22  
[30] US (60/132,930) 1999-05-06

[21] **2,358,533**  
[13] A1

[51] **Int.Cl. 7G06T 15/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DISPLAYING AND NAVIGATING A DATA STRUCTURE ON A DISPLAY UNIT**  
[54] **PROCEDE ET APPAREIL POUR AFFICHER ET NAVIGUER DANS UNE STRUCTURE DE DONNEES SUR UN DISPOSITIF D'AFFICHAGE**  
[72] AKIN, ERHAN, US  
[72] AKIN, HAKAN, US  
[72] AKIN, CIHAN, US  
[72] GILBERT, JOHN, US  
[71] ALTOWEB SYSTEMS, INC., US  
[85] 2001-07-12  
[86] 2000-01-14 (PCT/US00/01065)  
[87] 2000-07-20 (WO00/42573)  
[30] US (60/115,951) 1999-01-14

[21] **2,358,534**  
[13] A1

[51] **Int.Cl. 7B29C 67/00 7B29C 44/00 7C08K 3/34**  
[25] EN  
[54] **STRUCTURAL FOAM COMPOSITE HAVING NANO-PARTICLE REINFORCEMENT AND METHOD OF MAKING THE SAME**  
[54] **COMPOSITE EN MOUSSE STRUCTUREE COMPRENANT DES NANOPARTICULES DE RENFORCEMENT ET PROCEDE DE FABRICATION DUDIT COMPOSITE**  
[72] WILSON, PHILLIP S., US  
[71] MAGNA INTERNATIONAL OF AMERICA, INC., US  
[85] 2001-06-20  
[86] 1999-12-17 (PCT/US99/29990)  
[87] 2000-06-29 (WO00/37242)  
[30] US (60/113,134 CON) 1998-12-21

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<p>[21] <b>2,358,535</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G07C 9/00</b> [25] EN [54] <b>METHOD AND APPARATUS FOR SECURELY TRANSMITTING AND AUTHENTICATING BIOMETRIC DATA OVER A NETWORK</b> [54] <b>PROCEDE ET APPAREIL DE TRANSMISSION ET D'AUTHENTIFICATION SURES DE DONNEES BIOMETRIQUES VIA UN RESEAU</b> [72] SALGANICOFF, MARCOS, US [72] VON SEELEN, ULF CAHN, US [72] GLASS, RANDAL, US [71] IRIDIAN TECHNOLOGIES, INC., US [85] 2001-07-12 [86] 2000-01-17 (PCT/US00/01099) [87] 2000-07-20 (WO00/42577) [30] US (09/232,538) 1999-01-18</p>	<p>[21] <b>2,358,538</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B22C 1/20</b> [25] EN [54] <b>SOLVENTLESS POLYURETHANE NO-BAKE FOUNDRY BINDER</b> [54] <b>LIANTS DE FONDERIE EN POLYURETHANNE DURCISSANT A FROID, SANS SOLVANT</b> [72] CHEN, CHIA-HUNG, US [72] CHANG, KEN K., US [71] ASHLAND INC., US [85] 2001-07-04 [86] 1999-12-22 (PCT/US99/30672) [87] 2000-07-13 (WO00/40351) [30] US (09/226,940) 1999-01-08</p>	<p>[21] <b>2,358,541</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B65B 61/18 7B31B 19/90</b> [25] EN [54] <b>METHOD FOR PRODUCING A RESEALABLE POUCH</b> [54] <b>PROCEDE POUR LA PRODUCTION D'UN SACHET REFERMABLE</b> [72] HOLLOWAY, STEPHEN JOHN, GB [71] IMPERIAL TOBACCO LIMITED, GB [85] 2001-07-05 [86] 2000-01-06 (PCT/GB00/00020) [87] 2000-07-13 (WO00/40465) [30] EP (99300091.8) 1999-01-06</p>
<p>[21] <b>2,358,536</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G08B 29/00</b> [25] EN [54] <b>ELECTRONIC MESSAGE DELIVERY SYSTEM UTILIZABLE IN THE MONITORING OF EQUIPMENT AND METHOD OF SAME</b> [54] <b>SYSTEME DE TRANSMISSION DE MESSAGES ELECTRONIQUES POUVANT ETRE UTILISES POUR LA SURVEILLANCE D'EQUIPEMENTS ET PROCEDE D'UTILISATION</b> [72] SANDELMAN, DAVID, US [72] SHPRECHER, DANIEL, US [71] HEAT TIMER CORPORATION, US [85] 2001-07-03 [86] 2000-01-07 (PCT/US00/00405) [87] 2000-07-20 (WO00/42587) [30] US (60/115,305) 1999-01-09 [30] US (09/317,235) 1999-05-24 [30] US (09/401,460) 1999-09-22 [30] US (09/433,767) 1999-11-03</p>	<p>[21] <b>2,358,539</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B32B 21/08 7B32B 7/12</b> [25] EN [54] <b>WATER-BASED, HEAT SEALABLE ADHESIVE FOR LAMINATING DECORATIVE PANELS</b> [54] <b>ADHESIF THERMOSCELLABLE AQUEUX POUR STRATIFIER DES PANNEAUX DECORATIFS</b> [72] WASSERMAN, CHARLES J., US [72] WELLS, DAVID G., US [71] ATO FINDLEY, INC., US [85] 2001-07-04 [86] 1999-12-06 (PCT/US99/28770) [87] 2000-07-13 (WO00/40403) [30] US (09/226,813) 1999-01-06</p>	<p>[21] <b>2,358,542</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 17/60</b> [25] EN [54] <b>METHOD AND SYSTEM FOR AUTOMATICALLY GENERATING ADVISORY INFORMATION FOR PHARMACY PATIENTS ALONG WITH NORMALLY TRANSMITTED DATA</b> [54] <b>PROCEDE ET SYSTEME PERMETTANT DE GENERER AUTOMATIQUEMENT DES INFORMATIONS DE MISE EN GARDE POUR DES CLIENTS DE PHARMACIE CONJOINTEMENT AVEC DES DONNEES NORMALEMENT TRANSMISES</b> [72] UECKER, ROBERT ANTHONY, US [72] BYERLY, BAXTER H., US [71] CATALINA MARKETING INTERNATIONAL, INC., US [85] 2001-07-05 [86] 1999-02-03 (PCT/US99/01856) [87] 2000-07-13 (WO00/41107) [30] US (09/226,209) 1999-01-07</p>
<p>[21] <b>2,358,537</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A47J 37/07</b> [25] EN [54] <b>GRILL</b> [54] <b>GRIL</b> [72] HOFLE, FRANZ, DE [71] IBG IMMOBILIEN-UNDBAUELEMENTE GMBH, DE [85] 2001-06-28 [86] 1999-08-28 (PCT/EP99/06359) [87] 2000-07-06 (WO00/38559) [30] DE (298 23 182.4) 1998-12-29</p>	<p>[21] <b>2,358,540</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B62D 21/02</b> [25] EN [54] <b>METHOD FOR MAKING A CROSS TIE AND A VEHICLE CHASSIS PROVIDED WITH SUCH A CROSS TIE</b> [54] <b>PROCEDE DE FABRICATION D'UN RENFORT TRANSVERSAL ET CHASSIS DE VEHICULE DOTE DUDIT RENFORT</b> [72] VERHAEGHE, JAN, BE [71] GROEP STEVENS INTERNATIONAL, NAAMLOZE VENNOOTSCHAP, BE [85] 2001-06-29 [86] 1999-12-14 (PCT/BE99/00163) [87] 2000-07-13 (WO00/40450) [30] BE (9900003) 1999-01-05</p>	

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[13] A1

[51] **Int.Cl. 7C12N 9/02 7A01K 67/00 7A61K 7/00 7A23L 1/00 7C12N 5/16 7A61K 31/202 7C12N 15/64 7C12P 7/64 7C12N 15/81 7C12N 15/82**  
[25] EN  
[54] **HUMAN DESATURASE GENE AND USES THEREOF**  
[54] **GENE DESATURASE HUMAIN ET SES UTILISATIONS**  
[72] HUANG, YUNG-SHENG, US  
[72] PARKER-BARNES, JENNIFER M., US  
[72] LEONARD, AMANDA E. Y., US  
[72] MUKERJI, PRADIP, US  
[71] ABBOTT LABORATORIES, US  
[85] 2001-07-05  
[86] 1999-12-29 (PCT/US99/31163)  
[87] 2000-07-13 (WO00/40705)  
[30] US (09/227,613) 1999-01-08

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[21] **2,358,544**  
[13] A1

[51] **Int.Cl. 7B65D 83/04**  
[25] FR  
[54] **DISTRIBUTEUR D'OBJETS**  
[54] **DISPENSER OF OBJECTS**  
[72] GIRAUD, JEAN-PIERRE, FR  
[72] NOBILET, ROGER, FR  
[71] LABORATOIRES DOLISOS, FR  
[85] 2001-06-28  
[86] 1999-12-30 (PCT/FR99/03317)  
[87] 2000-07-13 (WO00/40478)  
[30] FR (98/16772) 1998-12-31

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[21] **2,358,546**  
[13] A1

[51] **Int.Cl. 7B65D 90/34**  
[25] EN  
[54] **ROLL-OVER MECHANISM FOR A PRESSURE RELEASE VALVE**  
[54] **MECANISME DE RENVERSEMENT DESTINE A UNE SOUPEA DE SURETE**  
[72] DENBY, JAMES EDWARD, GB  
[71] DENBY, JAMES EDWARD, GB  
[85] 2001-07-05  
[86] 2000-01-06 (PCT/GB00/00005)  
[87] 2000-07-13 (WO00/40482)  
[30] GB (9900288.3) 1999-01-06

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[13] A1

[51] **Int.Cl. 7B65G 23/00**  
[25] EN  
[54] **METHOD AND DRIVE APPARATUS FOR CONTINUOUSLY CASTING METAL IN A CONTINUOUS BLOCK CASTER**  
[54] **PROCEDE ET APPAREIL D'ENTRAINEMENT PERMETTANT DE COULER DU METAL EN CONTINU DANS UNE INSTALLATION DE COULEE CONTINUE A MODULES**  
[72] ZURCHER, ERNST, CH  
[71] GOLDEN ALUMINUM COMPANY, US  
[85] 2001-06-29  
[86] 2000-01-07 (PCT/US00/00320)  
[87] 2000-07-13 (WO00/40486)  
[30] US (09/226,841) 1999-01-07

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[21] **2,358,548**  
[13] A1

[51] **Int.Cl. 7C12N 15/82 7A01H 5/00 7C07K 16/16 7C12N 15/29 7C07K 16/38 7C07K 14/425 7C12N 15/62**  
[25] EN  
[54] **CO-EXPRESSION OF PROTEINS**  
[54] **CO-EXPRESSION DES PROTEINES**  
[72] KEMP, JOHN D., US  
[72] SENGUPTA-GOPALAN, CHAMPA, US  
[72] BAGGA, SUMAN, US  
[71] NEW MEXICO STATE UNIVERSITY TECHNOLOGY TRANSFER CORPORATION, US  
[85] 2001-06-29  
[86] 1999-04-16 (PCT/US99/08525)  
[87] 2000-07-13 (WO00/40738)  
[30] US (09/224,655) 1998-12-31

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[21] **2,358,549**  
[13] A1

[51] **Int.Cl. 7B67C 3/00 7B65B 55/02**  
[25] FR  
[54] **PROCEDE DE REFOULEMENT DANS UNE MACHINE DE REMPLISSAGE ET MACHINE DE REMPLISSAGE POUR LA MISE EN OEUVRE D'UN TEL PROCEDE**  
[54] **FLOWBACK METHOD IN A FILLING MACHINE AND FILLING MACHINE FOR CARRYING OUT SAID METHOD**  
[72] ADRIANSENS, ERIC, FR  
[72] MEUNIER, ERIC, FR  
[72] SAINT-MARTIN, RODOLPHE, FR  
[71] SIDEL, FR  
[85] 2001-07-05  
[86] 1999-12-07 (PCT/FR99/03048)  
[87] 2000-07-13 (WO00/40503)  
[30] FR (99/00117) 1999-01-06

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[21] **2,358,550**  
[13] A1

[51] **Int.Cl. 7B67C 3/28 7B67C 3/26**  
[25] FR  
[54] **MACHINE DE REMPLISSAGE AVEC TETES DE REMPLISSAGE COMPORTANT CHACUNE UNE VANNE DEPORTEE VERS LE BAS**  
[54] **FILLING MACHINE WITH FILLING HEADS THAT ARE RESPECTIVELY PROVIDED WITH A DOWNWARD SLEWED VALVE**  
[72] ADRIANSENS, ERIC, FR  
[72] SAINT-MARTIN, RODOLPHE, FR  
[72] MEUNIER, ERIC, FR  
[71] SIDEL, FR  
[85] 2001-07-05  
[86] 1999-12-07 (PCT/FR99/03049)  
[87] 2000-07-13 (WO00/40505)  
[30] FR (99/00116) 1999-01-06

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[21] **2,358,552**  
[13] A1  
[51] **Int.Cl. 7F28F 9/18 7F28F 21/06 7B29C 65/14**  
[25] EN  
[54] **LASER BONDING OF HEAT EXCHANGER TUBES**  
[54] **LIAISON DE TUBES D'ECHANGEUR THERMIQUE AU MOYEN D'UN LASER**  
[72] COLANGELO, ROBERTO, CA  
[72] TONTEGODE, JACK LORNE, CA  
[71] CESARONI TECHNOLOGY INCORPORATED, CA  
[71] CESARONI, ANTHONY JOSEPH, CA  
[85] 2001-07-18  
[86] 2000-03-07 (PCT/CA00/00237)  
[87] 2000-09-14 (WO00/53991)  
[30] US (60/123,272) 1999-03-08

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[21] **2,358,554**  
[13] A1  
[51] **Int.Cl. 7C07C 39/21 7A61K 31/05**  
[25] EN  
[54] **SYNTHESIS OF DIHYDROHONOKIOL COMPOSITIONS**  
[54] **SYNTHESE DE COMPOSITIONS A BASE DE DIHYDROHONOKIOL**  
[72] SATSANGI, NEERA, US  
[72] STAVINOHA, WILLIAM B., US  
[72] SATSANGI, RAJIV K., US  
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US  
[85] 2001-06-28  
[86] 1999-12-17 (PCT/US99/30168)  
[87] 2000-07-13 (WO00/40532)  
[30] US (09/224,188) 1998-12-31

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[21] **2,358,556**  
[13] A1  
[51] **Int.Cl. 7C07C 69/70 7C07C 67/08 7A21D 2/16**  
[25] EN  
[54] **DIACETYL TARTARIC ACID ESTERS OF MONO- AND DIGLYCERIDES BASED ON C12 TO C22 FATTY ACIDS**  
[54] **ESTERS DIACETYL-TARTRIQUES DES MONO- ET DIGLYCERIDES D'ACIDES GRAS EN C12-C22**  
[72] ROEST, MARTIN ROBERT, NL  
[72] STEGEMAN, PIETER HENDRIK PAUL, NL  
[72] VAN SCHIE BARTHOLOMEUS JOZEF, NL  
[72] GOMBERT, JOHANNES DURK, NL  
[72] COENDERS, PETER JOANNES, NL  
[71] QUEST INTERNATIONAL B.V., NL  
[85] 2001-06-28  
[86] 1999-12-29 (PCT/NL99/00816)  
[87] 2000-07-13 (WO00/40542)  
[30] EP (98204487.7) 1998-12-30

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[21] **2,358,557**  
[13] A1  
[51] **Int.Cl. 7G05D 1/08**  
[25] EN  
[54] **REDUNDANT SYSTEM FOR THE INDICATION OF HEADING AND ATTITUDE IN AN AIRCRAFT**  
[54] **SYSTEME AUXILIAIRE POUR AERONEF DESTINE A INDIQUER L'ATTITUDE ET LE CAP**  
[72] NORDLUND, PER-JOHAN, SE  
[72] CARLSSON, CARL-OLOF, SE  
[72] ADEBJORK, PETER, SE  
[71] SAAB AB, SE  
[85] 2001-06-29  
[86] 2000-01-12 (PCT/SE00/00034)  
[87] 2000-07-20 (WO00/42482)  
[30] SE (9900113-3) 1999-01-18

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[21] **2,358,558**  
[13] A1  
[51] **Int.Cl. 7G01N 21/64 7G01N 21/77**  
[25] EN  
[54] **AN IMAGE GUIDE AND METHOD FOR SUB-MICRON IMAGING AND PICOSECOND TIMING**  
[54] **PROCEDE ET GUIDE-IMAGE PERMETTANT DE FORMER DES IMAGES DE LA TAILLE DU SOUS-MICRON PENDANT UNE DUREE DE L'ORDRE DE LA PICOSECONDE**  
[72] TYMIANSKI, JACOB R., US  
[72] WALKER, JAMES K., US  
[71] UNIVERSITY OF FLORIDA, US  
[85] 2001-07-13  
[86] 2000-03-09 (PCT/US00/06344)  
[87] 2000-09-14 (WO00/54033)  
[30] US (09/264,729) 1999-03-09

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[21] **2,358,560**  
[13] A1  
[51] **Int.Cl. 7C07C 227/16**  
[25] EN  
[54] **.ALPHA.-SUBSTITUTION OF UNPROTECTED .BETA.-AMINO ESTER COMPOUNDS**  
[54] **.ALPHA.-SUBSTITUTION DE COMPOSES DE .BETA.-AMINO ESTERS NON PROTEGES**  
[72] CHANDRAMOULI, SITHAMALLI V., US  
[72] O'BRIEN, MICHAEL K., US  
[72] POWNER, TORY H., US  
[71] AVENTIS PHARMACEUTICALS PRODUCTS INC., US  
[85] 2001-06-29  
[86] 1999-12-17 (PCT/US99/30366)  
[87] 2000-07-13 (WO00/40547)  
[30] US (60/114,598) 1998-12-31

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[21] **2,358,561**  
[13] A1  
[51] **Int.Cl. 6G10C 3/12**  
[25] EN  
[54] **BICAMERAL SCALE MUSICAL INTONATIONS AND RECORDINGS MADE THEREFROM**  
[54] **INTONATIONS MUSICALES A ECHELLE BICAMERALE ET ENREGISTREMENTS EFFECTUES A PARTIR DE TELLES INTONATIONS**  
[72] PYE, WILFRED T., US  
[71] PYE, WILFRED T., US  
[85] 2001-07-19  
[86] 2000-01-19 (PCT/US00/01259)  
[87] 2000-07-20 (WO00/42596)  
[30] US (09/232,588) 1999-01-19

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[21] **2,358,562**  
[13] A1  
[51] **Int.Cl. 7C12N 15/12 7C07K 16/28 7C12N 15/62 7C07K 14/705**  
[25] EN  
[54] **MONOCYTE-DERIVED NUCLEIC ACIDS AND RELATED COMPOSITIONS AND METHODS**  
[54] **ACIDES NUCLEIQUES DERIVES DES MONOCYTES ET COMPOSITIONS ET METHODES ASSOCIEES**  
[72] FOURNIER, NATHALIE, FR  
[72] BATES, ELIZABETH, FR  
[72] GARRONE, PIERRE, FR  
[72] CHAULUS, LIONEL, FR  
[71] SCHERING CORPORATION, US  
[85] 2001-06-28  
[86] 1999-12-29 (PCT/US99/30004)  
[87] 2000-07-13 (WO00/40721)  
[30] US (09/223,919) 1998-12-31  
[30] US (09/224,604) 1998-12-31

[21] **2,358,566**  
[13] A1  
[51] **Int.Cl. 7B01L 3/00 7C12Q 1/68 7G01N 21/77**  
[25] EN  
[54] **FIBER ARRAY FOR CONTACTING CHEMICAL SPECIES AND METHODS FOR USING AND MAKING SAME**  
[54] **RESEAU DE FIBRES DESTINE A ENTRER EN CONTACT AVEC UNE ESPECE CHIMIQUE ET PROCEDES D'UTILISATION ET DE FABRICATION DE TELS RESEAUX DE FIBRES**  
[72] BLASBAND, ANDREW J., US  
[72] VANN, CHARLES S., US  
[72] GEISER, TIM, US  
[71] PE CORPORATION (NY), US  
[85] 2001-07-06  
[86] 2000-01-07 (PCT/US00/00401)  
[87] 2000-07-13 (WO00/40334)  
[30] US (09/227,799) 1999-01-08

[21] **2,358,570**  
[13] A1  
[51] **Int.Cl. 7C07H 21/00 7A01N 57/16 7A61K 7/40 7A61K 31/70**  
[25] EN  
[54] **PROTONATED/ACIDIFIED NUCLEIC ACIDS AND METHODS OF USE**  
[54] **ACIDES NUCLEIQUES PROTONES/ACIDIFIES, ET METHODES D'UTILISATION CORRESPONDANTES**  
[72] DALE, RODERIC M. K., US  
[72] ARROW, AMY, US  
[72] THOMPSON, TERRY, US  
[72] GATTON, STEVEN, L., US  
[71] OLIGOS ETC. INC., US  
[85] 2001-07-03  
[86] 1999-12-15 (PCT/US99/29843)  
[87] 2000-07-13 (WO00/40591)  
[30] US (09/222,009) 1998-12-30

[21] **2,358,564**  
[13] A1  
[51] **Int.Cl. 7A61M 25/04 7A61J 15/00 7A61M 25/10**  
[25] EN  
[54] **GASTRIC BALLOON CATHETER WITH IMPROVED BALLOON ORIENTATION**  
[54] **SONDE GASTRIQUE A BALLONNET AVEC ORIENTATION AMELIOREE DU BALLONNET**  
[72] WILLIS, ALLAN F., US  
[72] CHRISTIAN, KELLY J., US  
[72] FOSTER, MARK, US  
[71] BALLARD MEDIAL PRODUCTS, US  
[85] 2001-07-03  
[86] 2000-01-07 (PCT/US00/00367)  
[87] 2000-07-13 (WO00/40289)  
[30] US (09/226,173) 1999-01-07

[21] **2,358,567**  
[13] A1  
[51] **Int.Cl. 7A61L 17/14 7A61L 26/00 7A61L 24/10**  
[25] EN  
[54] **TISSUE ADHESIVE FOR TREATING VIGOROUSLY BLEEDING SURFACES**  
[54] **ADHESIF TISSULAIRE PERMETTANT DE TRAITER DES SURFACES SAIGNANT ABONDAMMENT**  
[72] BROWDIE, DAVID A., US  
[71] BROWDIE, DAVID A., US  
[85] 2001-07-04  
[86] 1999-01-08 (PCT/US99/00504)  
[87] 2000-07-13 (WO00/40277)

[21] **2,358,576**  
[13] A1  
[51] **Int.Cl. 7C07D 417/06 7C07D 401/06 7C07D 413/06 7A01N 43/66 7A01N 43/78 7A01N 43/88**  
[25] EN  
[54] **CYCLIC GUANIDINE DERIVATIVES AND THEIR USE AS PESTICIDES**  
[54] **DERIVES DE GUANIDINE CYCLIQUES ET LEUR UTILISATION COMME PESTICIDES**  
[72] MENCKE, NORBERT, DE  
[72] TURBERG, ANDREAS, DE  
[72] HANSEN, OLAF, DE  
[72] ERDELEN, CHRISTOPH, DE  
[72] WAGNER, KLAUS, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2001-07-05  
[86] 2000-01-05 (PCT/EP00/00044)  
[87] 2000-07-13 (WO00/40582)  
[30] DE (199 00 519.2) 1999-01-08

[21] **2,358,565**  
[13] A1  
[51] **Int.Cl. 7A61L 24/04 7A61L 24/10**  
[25] EN  
[54] **MEDICAL ADHESIVES**  
[54] **ADHESIFS MEDICAUX**  
[72] REMI, PHILLIPE M., BE  
[72] OGLE, MATTHEW F., US  
[72] DARDI, PETER S., US  
[71] ST. JUDE MEDICAL, INC., US  
[85] 2001-07-12  
[86] 2000-01-19 (PCT/US00/01215)  
[87] 2000-07-27 (WO00/43050)  
[30] US (09/235,138) 1999-01-22

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[21] **2,358,578**  
[13] A1

[51] **Int.Cl. 7C07D 295/04 7C07D 257/12 7A61K 31/445 7A61K 31/495**  
[25] EN  
[54] **NOVEL MALONIC ACID DERIVATIVES, PROCESSES FOR THEIR PREPARATION, THEIR USE AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM (INHIBITION OF FACTOR XA ACTIVITY)**  
[54] **NOUVEAUX DERIVES D'ACIDE MALONIQUE, PROCEDES DE PREPARATION DE CES DERIVES, LEUR UTILISATION ET COMPOSITIONS PHARMACEUTIQUES LES CONTENANT (INHIBITION DE L'ACTIVITE DU FACTEUR XA)**  
[72] ZOLLER, GERHARD, DE  
[72] DEFOSSA, ELISABETH, DE  
[72] HEINELT, UWE, DE  
[72] KLINGLER, OTMAR, DE  
[72] WILDGOOSE, PETER, DE  
[72] WALSER, ARMIN, US  
[72] MATTER, HANS, DE  
[72] AL-OBEIDI, FAHAD A., US  
[71] AVENTIS PHARMA DEUTSCHLAND GMBH, DE  
[85] 2001-07-03  
[86] 1999-12-23 (PCT/EP99/10340)  
[87] 2000-07-13 (WO00/40571)  
[30] EP (99100002.7) 1999-01-02  
[30] EP (99119537.1) 1999-10-01

[21] **2,358,580**  
[13] A1

[51] **Int.Cl. 7B01D 45/12 7B04C 3/00**  
[25] EN  
[54] **DROPLET SEPARATOR**  
[54] **SEPARATEUR DE GOUTTELETTES**  
[72] JARVENPAA, VILJO, FI  
[71] WISER OY, FI  
[85] 2001-07-17  
[86] 2000-01-18 (PCT/FI00/00035)  
[87] 2000-07-27 (WO00/43099)  
[30] FI (990104) 1999-01-19

[21] **2,358,581**  
[13] A1

[51] **Int.Cl. 7C07C 279/00 7C07C 279/10 7A61K 31/325**  
[25] EN  
[54] **ARYLALKANOYL DERIVATIVES, PROCESSES FOR THEIR PREPARATION, THEIR USE AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM**  
[54] **DERIVES DE L'ARYLALKANOYL, LEURS PROCEDES DE PREPARATION, LEURS UTILISATIONS, ET PRODUITS PHARMACEUTIQUES LES CONTENANT**  
[72] ZOLLER, GERHARD, DE  
[72] KLINGLER, OTMAR, DE  
[72] MATTER, HANS, DE  
[72] WALSER, ARMIN, US  
[72] WILDGOOSE, PETER, DE  
[72] HEINELT, UWE, DE  
[72] AL-OBEIDI, FAHAD D., US  
[72] DEFOSSA, ELISABETH, DE  
[71] AVENTIS PHARMA DEUTSCHLAND GMBH, DE  
[85] 2001-07-03  
[86] 1999-12-23 (PCT/EP99/10341)  
[87] 2000-07-13 (WO00/40548)  
[30] EP (99100001.9) 1999-01-02  
[30] EP (99119538.9) 1999-10-01

[21] **2,358,584**  
[13] A1

[51] **Int.Cl. 7A61M 5/30**  
[25] EN  
[54] **METHOD OF ENHANCING NEEDLELESS TRANSDERMAL POWDERED DRUG DELIVERY**  
[54] **METHODE FAVORISANT L'ADMINISTRATION TRANSDERMIQUE SANS AIGUILLE DE MEDICAMENTS EN POUDRE**  
[72] BURKOTH, TERRY LEE, US  
[72] KWON, SUNG-YUN, US  
[71] POWDERJECT RESEARCH LIMITED, GB  
[85] 2001-07-19  
[86] 2000-01-21 (PCT/GB00/00156)  
[87] 2000-07-27 (WO00/43058)  
[30] US (60/116,907) 1999-01-22  
[30] US (09/235,944) 1999-01-22

[21] **2,358,586**  
[13] A1

[51] **Int.Cl. 7C07D 231/56 7A61P 25/00 7C07D 401/12 7A61K 31/415**  
[25] EN  
[54] **TETRAHYDROINDAZOLE DERIVATIVES AS LIGANDS FOR GABA-A ALPHA 5 RECEPTORS**  
[54] **DERIVE DE TETRAHYDROINDAZOLE SERVANT DE LIGANDS POUR LES RECEPTEURS GABAA .ALPHA.-5**  
[72] CHAMBERS, MARK STUART, GB  
[72] BRYANT, HELEN JANE, GB  
[71] MERCK SHARP & DOHME LIMITED, GB  
[85] 2001-07-04  
[86] 2000-01-05 (PCT/GB00/00024)  
[87] 2000-07-13 (WO00/40565)  
[30] GB (9900222.2) 1999-01-06

[21] **2,358,588**  
[13] A1

[51] **Int.Cl. 7A63B 61/02**  
[25] EN  
[54] **OVERHEAD SUPPORTED NET SYSTEM**  
[54] **SYSTEME-SUPPORT DE FILET AERIEN**  
[72] SCHROEDER, EDWARD A., US  
[71] PORTER ATHLETIC EQUIPMENT COMPANY, US  
[85] 2001-07-03  
[86] 1999-11-29 (PCT/US99/27984)  
[87] 2000-07-13 (WO00/40307)  
[30] US (09/228,076) 1999-01-07

[21] **2,358,590**  
[13] A1

[51] **Int.Cl. 7A61N 5/06**  
[25] EN  
[54] **DEVICE FOR EXTERNAL TREATMENT OF THE ORAL CAVITY BY MEANS OF LIGHT AND METHOD FOR MEDICAL TREATMENT**  
[54] **APPAREIL METTANT EN OEUVRE UNE LUMIERE POUR LE TRAITEMENT EXTERNE DE LA CAVITE BUCCALE, ET PROCEDE DE TRAITEMENT MEDICAL**  
[72] THIBERG, ROLF, SE  
[71] BIOLIGHT PATENT HOLDING AB, SE  
[85] 2001-07-06  
[86] 2000-01-13 (PCT/SE00/00046)  
[87] 2000-07-27 (WO00/43069)  
[30] SE (9900076-2) 1999-01-13

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<p style="text-align: right;">[21] <b>2,358,592</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61N 5/01 7A61N 5/06</b> [25] EN [54] <b>LIGHT EMITTING MEANS FOR EXTERNAL MEDICAL TREATMENT WITH LIGHT</b> [54] <b>MOYENS D'EMISSION DE LUMIERE POUR TRAITEMENT MEDICAL EXTERNE UTILISANT DE LA LUMIERE</b> [72] THIBERG, ROLF, SE [71] BIOLIGHT PATENT HOLDING AB, SE [85] 2001-07-06 [86] 2000-01-19 (PCT/SE00/00106) [87] 2000-07-27 (WO00/43067) [30] SE (9900159-6) 1999-01-20</p>	<p style="text-align: right;">[21] <b>2,358,599</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61N 5/01 7A61N 5/06</b> [25] EN [54] <b>MEANS FOR EXTERNAL MEDICAL TREATMENT BY MEANS OF LIGHT</b> [54] <b>INSTRUMENTS POUR TRAITEMENT MEDICAL EXTERNE PAR LA LUMIERE</b> [72] THIBERG, ROLF, SE [71] BIOLIGHT PATENT HOLDING AB, SE [85] 2001-07-06 [86] 2000-01-19 (PCT/SE00/00107) [87] 2000-07-27 (WO00/43068) [30] SE (9900160-4) 1999-01-20</p>	<p style="text-align: right;">[21] <b>2,358,614</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61M 31/00</b> [25] EN [54] <b>METHODS AND APPARATUS FOR DELIVERING FLUIDS</b> [54] <b>PROCEDES ET DISPOSITIF D'ADMINISTRATION DE LIQUIDES</b> [72] PAUKOVITZ, DOROTHY A. (deceased), US [72] PAUKOVITS, EDWARD J., JR., US [72] LEONARD, ANDREW I. C., US [72] HOFFNER, JANET J., US [72] CARON, PAUL R., US [71] ASSISTIVE TECHNOLOGY PRODUCTS, INC., US [85] 2001-07-13 [86] 2000-01-12 (PCT/US00/00712) [87] 2000-07-27 (WO00/43063) [30] US (09/233,282) 1999-01-19</p>
<p style="text-align: right;">[21] <b>2,358,594</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07H 17/08 7C07H 13/12 7C07H 15/26</b> [25] EN [54] <b>NOVEL DERIVATIVES FROM THE CLASS OF OLEANDOMYCIN</b> [54] <b>NOUVEAUX DERIVES DE LA CLASSE DES OLEANDOMYCINES</b> [72] KOBREHEL, GABRIJELA, HR [72] BUREK, GORDANA, HR [72] LAZAREVSKI, GORJANA, HR [71] PLIVA, FARMACEUTSKA INDUSTRIJA DIONICKO DRUSTVO, HR [85] 2001-06-29 [86] 1999-12-29 (PCT/HR99/00035) [87] 2000-07-13 (WO00/40589) [30] HR (P980646A) 1998-12-30</p>	<p style="text-align: right;">[21] <b>2,358,601</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A63B 37/06</b> [25] EN [54] <b>GOLF BALL HAVING IMPROVED HEAT RESISTANCE</b> [54] <b>BALLE DE GOLF A MEILLEURE RESISTANCE THERMIQUE</b> [72] NEILL, JOHN T., US [72] BINETTE, MARK L., US [72] KENNEDY, THOMAS J., III, US [71] SPALDING SPORTS WORLDWIDE, INC., US [85] 2001-07-09 [86] 2000-01-04 (PCT/US00/00100) [87] 2000-07-27 (WO00/43077) [30] US (09/235,252) 1999-01-22</p>	<p style="text-align: right;">[21] <b>2,358,615</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 7/38 7H04Q 7/24</b> [25] EN [54] <b>COMMUNICATION SYSTEM, METHODS OF MANAGING A COMMUNICATION SYSTEM AND MOBILE USER EQUIPMENT</b> [54] <b>SYSTEME DE COMMUNICATION, PROCEDES DE GESTION D'UN SYSTEME DE COMMUNICATION ET EQUIPEMENT D'UTILISATEUR MOBILE</b> [72] SHARP, ANDREW, SE [72] STUMPERT, MARTIN, DE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2001-06-28 [86] 2000-01-10 (PCT/EP00/00104) [87] 2000-08-03 (WO00/45613) [30] EP (99101948.0) 1999-01-31</p>
<p style="text-align: right;">[21] <b>2,358,596</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F01D 21/04</b> [25] EN [54] <b>HARDWALL FAN CASE WITH STRUCTURED BUMPER</b> [54] <b>CARTER DE SOUFFLANTE A PAROI RIGIDE POURVU D'UN AMORTISSEUR PROFILE</b> [72] KUZNIAR, STANISLAW, CA [72] WOJTYCZKA, CZESLAW, CA [71] PRATT &amp; WHITNEY CANADA CORP., CA [85] 2001-06-29 [86] 2000-02-02 (PCT/CA00/00093) [87] 2000-08-10 (WO00/46489) [30] US (09/244,132) 1999-02-04</p>	<p style="text-align: right;">[21] <b>2,358,609</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07K 14/47 7C12P 21/02 7C12N 15/12</b> [25] EN [54] <b>PROCESS FOR PRODUCING ACTIVATED PROTEIN</b> [54] <b>PROCEDE DE PRODUCTION DE PROTEINES ACTIVEES</b> [72] NISHIMURA, OSAMU, JP [72] KAISHO, TOMOKO, JP [72] TANAKA, YOKO, JP [72] ITO, TAKASHI, JP [71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP [85] 2001-07-06 [86] 2000-01-06 (PCT/JP00/00024) [87] 2000-07-13 (WO00/40610) [30] JP (11/1840) 1999-01-07 [30] JP (11/4426) 1999-01-11</p>	



## PCT Applications Entering the National Phase

[21] **2,358,632**  
[13] A1

[51] **Int.Cl. 7A61K 31/505 7A61P 3/06**  
[25] EN  
[54] **DRUG COMBINATIONS COMPRISING (E) -7 - -4 -(4 - FLUOROPHENYL) -6 - ISOPROPYL -2 - -METHYL (METHYLSULFONYL) AMINO| PYRIMIDIN -5 -YL| (3R,5S) -3,5 - DIHYDROXYHEPT -6 - ENOIC ACID AND AN INHIBITOR, INDUCER OR SUBSTRATE OF P450 ISOENZYME 3A4**  
[54] **COMBINAISONS DE MEDICAMENTS CONTENANT L'ACIDE (E) -7 - -4 -(4 - FLUOROPHENYL) -6 - ISOPROPYL -2 - -METHYL (METHYLSULFONYL) AMINO| PYRIMIDIN -5 -YL| (3R,5S) -3,5 - DIHYDROXYHEPT -6 - ENOIQUE ET UN INHIBITEUR, INDUCTEUR OU UN SUBSTRAT DE L'ISOENZYME 3A4 DU CYTOCHROME P450**  
[72] PEARS, JOHN STUART, GB  
[72] SCHNECK, DENNIS, US  
[72] HUTCHINSON, HOWARD GERARD, US  
[72] TOUCHI, AKIRA, JP  
[72] YAMAGUCHI, YOSHITAKA, JP  
[72] BABA, TAKAHIKO, JP  
[72] RAZA, ALI, US  
[71] SHIONOGI & CO LTD., JP  
[71] ASTRAZENECA AB, SE  
[85] 2001-07-10  
[86] 2000-02-01 (PCT/GB00/00278)  
[87] 2000-08-10 (WO00/45817)  
[30] GB (9902593.4) 1999-02-06  
[30] GB (9921063.5) 1999-09-08  
[30] GB (9921064.3) 1999-09-08

[21] **2,358,634**  
[13] A1

[51] **Int.Cl. 7B01D 29/11 7B01J 8/00 7B01J 8/22**  
[25] EN  
[54] **REMOVABLE FILTER FOR SLURRY HYDROCARBON SYNTHESIS PROCESS**  
[54] **FILTRE AMOVIBLE POUR PROCEDE DE SYNTHESE D'HYDROCARBURES EN BOUE**  
[72] DEGEORGE, CHARLES WILLIAM, US  
[72] THOMPSON, BARRY J., AU  
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US  
[85] 2001-07-17  
[86] 2000-01-14 (PCT/US00/00982)  
[87] 2000-07-27 (WO00/43098)  
[30] US (09/236,151) 1999-01-22

[21] **2,358,642**  
[13] A1

[51] **Int.Cl. 7A61K 7/047 7C09D 9/00 7C11D 7/26 7A61K 7/50**  
[25] EN  
[54] **AGENT FOR REMOVING ADHESIVE PRODUCTS**  
[54] **AGENT PERMETTANT DE RETIRER DES PRODUITS ADHESIFS**  
[72] OLSSON, BOZENA, SE  
[71] OLSSON, BOZENA, SE  
[85] 2001-07-12  
[86] 2000-01-20 (PCT/SE00/00108)  
[87] 2000-08-10 (WO00/45776)  
[30] SE (9900155-4) 1999-01-20

[21] **2,358,646**  
[13] A1

[51] **Int.Cl. 7B01J 8/24 7C01B 3/44**  
[25] EN  
[54] **PROCESS FOR DETECTING, AND MONITORING CHANGES IN PROPERTIES OF FLUIDIZED BED SOLIDS BY MEASUREMENT OF PRESSURE DIFFERENCE FLUCTUATION**  
[54] **PROCEDE DE DETECTION ET DE CONTROLE DES CHANGEMENTS DE PROPRIETES DE SOLIDES A LIT FLUIDISE PAR MESURE DE LA VARIATION DES DIFFERENCES DE PRESSION**  
[72] TAYLOR, JAMES HOWARD JR., US  
[72] PITZER, DARRELL R., US  
[72] SHABAKER, ROBERT H., US  
[72] WEINSTEIN, HERBERT, US  
[72] TILLER, MARK L., US  
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US  
[85] 2001-07-17  
[86] 2000-01-14 (PCT/US00/00984)  
[87] 2000-07-27 (WO00/43118)  
[30] US (09/236,152) 1999-01-22

[21] **2,358,649**  
[13] A1

[51] **Int.Cl. 7A61F 7/12**  
[25] EN  
[54] **METHOD AND DEVICE FOR COMBINED HEAT TREATMENT OF BODY TISSUE**  
[54] **METHODE ET DISPOSITIF DE TRAITEMENT THERMIQUE COMBINE DE TISSU HUMAIN**  
[72] BOLMSJO, MAGNUS, SE  
[71] PROSTALUND OPERATIONS AB, SE  
[85] 2001-07-12  
[86] 2000-02-02 (PCT/SE00/00195)  
[87] 2000-08-10 (WO00/45758)  
[30] SE (9900382-4) 1999-02-04

[21] **2,358,653**  
[13] A1

[51] **Int.Cl. 7B29C 65/00 7C09J 7/00**  
[25] EN  
[54] **METHOD OF SEALING A TUBE IN A CONTAINER**  
[54] **PROCEDE DE SCELLAGE D'UN TUBE DANS UN CONTENANT**  
[72] SMITH, SYDNEY T., US  
[72] ROSENBAUM, LARRY A., US  
[72] BUCHANAN, BRADLEY, US  
[71] BAXTER INTERNATIONAL INC., US  
[85] 2001-07-05  
[86] 2000-01-18 (PCT/US00/01163)  
[87] 2000-07-27 (WO00/43189)  
[30] US (09/235,868) 1999-01-22

[21] **2,358,661**  
[13] A1

[51] **Int.Cl. 7A61M 25/00**  
[25] EN  
[54] **INTRAVASCULAR CATHETER WITH COMPOSITE REINFORCEMENT**  
[54] **CATHETER INTRAVASCULAIRE A RENFORT COMPOSITE**  
[72] GARABEDIAN, ROBERT J., US  
[72] SCHAEFER, DEAN A., US  
[72] GRIEGO, JOHN, US  
[72] BARDSLEY, EARL, US  
[72] PAULK, DAVID, US  
[72] DAO, CANG D., US  
[72] ANDERSON, STEVEN M., US  
[71] BOSTON SCIENTIFIC LIMITED, BB  
[85] 2001-07-06  
[86] 2000-01-20 (PCT/US00/01412)  
[87] 2000-07-27 (WO00/43061)  
[30] US (09/234,203) 1999-01-20  
[30] US (09/487,353) 2000-01-19  
[30] US (09/487,359) 2000-01-19

[21] **2,358,662**  
[13] A1

[51] **Int.Cl. 7A61K 41/00**  
[25] EN  
[54] **THERAPEUTIC COMPOSITIONS FOR METABOLIC BONE DISORDERS OR BONE METASTASES**  
[54] **COMPOSITIONS ET PROCEDES DESTINES AU TRAITEMENT DE TROUBLES METABOLIQUES OSSEUX ET DE METASTASES OSSEUSES**  
[72] CHEN, JAMES, US  
[71] LIGHT SCIENCES CORPORATION, US  
[85] 2001-07-13  
[86] 2000-01-14 (PCT/US00/00848)  
[87] 2000-07-20 (WO00/41725)  
[30] US (60/116,233) 1999-01-15

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[21] **2,358,664**  
[13] A1

[51] **Int.Cl. 7C08G 65/324 7C08L 63/00**  
[25] EN  
[54] **PARTIAL OXIDATION OF POLYOXYALKYLENE POLYOL COMPOSITIONS TO POLYCARBOXYLIC ACID COMPOSITIONS**  
[54] **OXYDATION PARTIELLE DE COMPOSITIONS DE POLYOLS DE POLYOXYALKYLENE EN COMPOSITION D'ACIDE POLYCARBOXYLIQUE**  
[72] ADDICKS, GLYNNDA, US  
[72] BACK, GAYLE EDWARD, US  
[72] ELMORE, JIMMY D., US  
[72] FRIED, HERBERT ELLIOTT, US  
[72] WANG, PEN-CHUNG, US  
[71] RESOLUTION RESEARCH NEDERLAND B.V., NL  
[85] 2001-06-28  
[86] 1999-12-29 (PCT/EP99/10495)  
[87] 2000-07-13 (WO00/40638)  
[30] US (09/223,549) 1998-12-30

[21] **2,358,668**  
[13] A1

[51] **Int.Cl. 7B05D 3/02 7B05D 7/00 7B32B 21/04**  
[25] EN  
[54] **SYNTHETIC RESIN FILM FOR LAMINATES AND METHOD OF PRODUCING SAME**  
[54] **FILM EN RESINE SYNTHETIQUE POUR PRODUITS STRATIFIES ET PROCEDE DE FABRICATION CORRESPONDANT**  
[72] LIU, ANN X, CA  
[72] GUIVERNAU-MARQUES, RAMON, CA  
[71] AKZO NOBEL INC., US  
[71] AKZO NOBEL N.V., NL  
[85] 2001-07-16  
[86] 2000-01-24 (PCT/US00/01826)  
[87] 2000-07-27 (WO00/43132)  
[30] US (09/235,686) 1999-01-22

[21] **2,358,672**  
[13] A1

[51] **Int.Cl. 7A63B 69/00**  
[25] EN  
[54] **MARTIAL ARTS PHYSICAL INTERACTION DEVICE AND METHOD**  
[54] **DISPOSITIF ET PROCEDE D'INTERACTION PHYSIQUE POUR LA PRATIQUE D'ARTS MARTIAUX**  
[72] NELSON, MARK, US  
[71] NELSON, MARK, US  
[85] 2001-07-11  
[86] 2000-01-14 (PCT/US00/01134)  
[87] 2000-07-20 (WO00/41771)  
[30] US (09/232,480) 1999-01-15

[21] **2,358,677**  
[13] A1

[51] **Int.Cl. 7C08L 23/04 7C08L 23/10**  
[25] EN  
[54] **THERMOPLASTIC POLYMERS MODIFIED WITH SILOXANE BLENDS**  
[54] **POLYMERES THERMOPLASTIQUES MODIFIES AVEC DES MELANGES DE SILOXANE**  
[72] MEHTA, VEERAG YAGNIK, US  
[71] DOW CORNING CORPORATION, US  
[85] 2001-07-04  
[86] 1999-11-19 (PCT/US99/27462)  
[87] 2000-07-13 (WO00/40653)  
[30] US (09/225,134) 1999-01-04

[21] **2,358,683**  
[13] A1

[51] **Int.Cl. 7G01N 27/26**  
[25] EN  
[54] **METHODS, DEVICES AND SYSTEMS FOR CHARACTERIZING PROTEINS**  
[54] **PROCEDES, DISPOSITIFS ET SYSTEMES DE CARACTERISATION DE PROTEINES**  
[72] BLOXSOM, CHRISTOPHER, US  
[72] PARCE, JOHN WALLACE, US  
[72] CHOW, CALVIN Y. H., US  
[72] DUBROW, ROBERT S., US  
[71] CALIPER TECHNOLOGIES CORP., US  
[85] 2001-07-12  
[86] 2000-02-02 (PCT/US00/02680)  
[87] 2000-08-10 (WO00/46594)  
[30] US (09/243,149) 1999-02-02

[21] **2,358,687**  
[13] A1

[51] **Int.Cl. 7C07K 14/72 7C12P 21/02 7C07H 21/04 7C12N 15/12 7C12N 1/21 7G01N 33/53 7C12N 15/63**  
[25] EN  
[54] **DNA ENCODING A HUMAN MELANIN CONCENTRATING HORMONE RECEPTOR (MCH1) AND USES THEREOF**  
[54] **ADN CODANT UN RECEPTEUR D'HORMONE (MCH1) CONCENTRANT LA MELAMINE HUMAINE ET UTILISATIONS ASSOCIEES**  
[72] WILSON, AMY E., US  
[72] NAGORNY, RAISA, US  
[72] SALON, JOHN A., US  
[72] LAZ, THOMAS M., US  
[71] SYNAPTIC PHARMACEUTICAL CORPORATION, US  
[85] 2001-06-28  
[86] 1999-12-30 (PCT/US99/31169)  
[87] 2000-07-06 (WO00/39279)  
[30] US (09/224,426) 1998-12-31

[21] **2,358,693**  
[13] A1

[51] **Int.Cl. 7C07K 16/28 7C12N 5/20 7A61K 39/395 7G01N 33/577 7G01N 33/68**  
[25] EN  
[54] **ANTI-CCR4 ANTIBODIES AND METHODS OF USE THEREFOR**  
[54] **ANTICORPS ANTI-CCR4 ET LEUR UTILISATION**  
[72] RUFFING, NANCY, US  
[72] ANDREW, DAVID, US  
[72] WU, LIJUN, US  
[71] MILLENIUM PHARMACEUTICALS, INC., US  
[85] 2001-07-13  
[86] 2000-01-14 (PCT/US00/00917)  
[87] 2000-07-20 (WO00/42074)  
[30] US (09/231,759) 1999-01-15

[21] **2,358,694**  
[13] A1

[51] **Int.Cl. 7C11D 3/22**  
[25] EN  
[54] **TREATMENT FOR FABRICS**  
[54] **TRAITEMENT POUR TEXTILES**  
[72] JONES, PETER NEIL, GB  
[72] COOKE, DEBORAH JANE, GB  
[72] BIJSTERBOSCH, HENRI DERK, GB  
[71] UNILEVER PLC, GB  
[85] 2001-06-29  
[86] 1999-12-06 (PCT/EP99/09590)  
[87] 2000-07-13 (WO00/40684)  
[30] GB (9900150.5) 1999-01-05

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[21] **2,358,695**

[13] A1

[51] **Int.Cl. 7C10G 17/00 7C10G 29/00  
7C10G 45/00 7C10G 71/00 7C10G 47/02  
7C10G 45/04 7C10G 47/04 7C10G 47/24  
7C10G 45/60**

[25] EN

[54] **HYDROFINING PROCESS USING  
BULK GROUP VIII/GROUP VIB  
CATALYSTS**

[54] **METHODE HYDRAULIQUE  
D’AFFINAGE METTANT EN OEUVRE  
DES CATALYSEURS EN VRAC DES  
GROUPE VIII ET VIB**

[72] DEMMIN, RICHARD A., US

[72] RILEY, KENNETH LLOYD, US

[71] EXXON MOBIL RESEARCH AND  
ENGINEERING COMPANY, US

[85] 2001-06-28

[86] 2000-01-14 (PCT/US00/01008)

[87] 2000-07-20 (WO00/42121)

[30] US (09/231,156) 1999-01-15

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[21] **2,358,696**

[13] A1

[51] **Int.Cl. 7A61F 2/46 7A61F 2/38**

[25] EN

[54] **ORTHOPEDIC PROSTHESIS WITH  
CEMENT COMPRESSION RING**

[54] **PROTHESE ORTHOPEDIQUE  
AVEC ANNEAU DE COMPRESSION EN  
GOMME**

[72] STAMPER, BLAKE A., US

[72] GUTHRIE, CHARLES D., US

[71] SULZER ORTHOPEDICS INC., US

[85] 2001-05-04

[86] 1999-11-04 (PCT/US99/25966)

[87] 2000-05-11 (WO00/25700)

[30] US (60/107,040) 1998-11-04

[30] US (09/432,901) 1999-11-02

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[21] **2,358,698**

[13] A1

[51] **Int.Cl. 7H04Q 7/22 7H04L 29/06**

[25] EN

[54] **PUBLIC MOBILE DATA  
COMMUNICATIONS NETWORK**

[54] **RESEAU PUBLIC DE  
COMMUNICATIONS DE DONNEES  
MOBILES**

[72] FORSLOW, JAN ERIK, US

[71] TELEFONAKTIEBOLAGET LM

ERICSSON, SE

[85] 2001-07-09

[86] 2000-01-21 (PCT/SE00/00131)

[87] 2000-08-03 (WO00/45560)

[30] US (60/117,861) 1999-01-29

[30] US (60/132,496) 1999-05-04

[30] US (09/484,426) 2000-01-18

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[21] **2,358,702**

[13] A1

[51] **Int.Cl. 7A61B 17/064 7A61B 17/04  
7A61B 17/068**

[25] EN

[54] **GERD TREATMENT APPARATUS  
AND METHOD**

[54] **APPAREIL ET METHODE DE  
TRAITEMENT DU REFLUX GASTRO-  
OESOPHAGIEN (RGO)**

[72] GELLMAN, BARRY N., US

[72] PUGSLEY, CHARLES H., JR., US

[71] BOSTON SCIENTIFIC LIMITED, BB

[85] 2001-07-05

[86] 2000-11-01 (PCT/US00/30038)

[87] 2001-05-25 (WO01/35834)

[30] US (09/432,575) 1999-11-12

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[21] **2,358,703**

[13] A1

[51] **Int.Cl. 7A01N 47/44 7A01N 33/12  
7A01N 25/30 7A01N 37/44**

[25] EN

[54] **FAST ACTING DISINFECTANT  
AND CLEANER**

[54] **AGENT NETTOYANT ET  
DESINFECTANT A ACTION RAPIDE**

[72] COLCLOUGH, VANESSA, LOUISE,  
GB

[71] S.C. JOHNSON COMMERCIAL  
MARKETS, INC., US

[85] 2001-07-09

[86] 2000-11-10 (PCT/US00/30872)

[87] 2001-05-25 (WO01/35743)

[30] US (09/441,528) 1999-11-16

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[21] **2,358,705**

[13] A1

[51] **Int.Cl. 7F16K 31/12 7F16M 1/00  
7F16K 31/44**

[25] EN

[54] **VALVE CLOSURE SYSTEM**

[54] **SYSTEME DE FERMETURE DE  
SOUPAPE**

[72] BEBOW, ROBERT, US

[72] POWELL, DUANE, US

[71] POWELL FABRICATION &  
MANUFACTURING, INC., US

[85] 2001-07-27

[86] 2000-01-28 (PCT/US00/00500)

[87] 2000-08-03 (WO00/45072)

[30] US (60/117,978) 1999-01-29

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## Canadian Divisional and Previously Unavailable Laid-Open applications

### Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

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[21] **2,356,719**  
[13] A1

[51] **Int.Cl. 7H04L 12/12**  
[25] EN  
[54] **MEDIA ONLINE SERVICES ACCESS SYSTEM AND METHOD**  
[54] **SYSTEME ET PROCEDE D'ACCES A DES SERVICES EN LIGNE DE TYPE MEDIA**  
[72] WOLZIEN, THOMAS, US  
[71] MEDIA ONLINE SERVICES, INC., US  
[22] 1997-02-07  
[43] 1997-08-14  
[62] 2,245,564  
[30] US (08/597,432) 1996-02-08

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[21] **2,356,723**  
[13] A1

[51] **Int.Cl. 7H04L 12/12**  
[25] EN  
[54] **MEDIA ONLINE SERVICES ACCESS SYSTEM AND METHOD**  
[54] **SYSTEME ET PROCEDE D'ACCES A DES SERVICES EN LIGNE DE TYPE MEDIA**  
[72] WOLZIEN, THOMAS, US  
[71] MEDIA ONLINE SERVICES, INC., US  
[22] 1997-02-07  
[43] 1997-08-14  
[62] 2,245,564  
[30] US (08/597,432) 1996-02-08

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[21] **2,357,059**  
[13] A1

[51] **Int.Cl. 7A61B 5/00**  
[25] EN  
[54] **SIGNAL PROCESSING APPARATUS**  
[54] **DISPOSITIF DE TRAITEMENT DE SIGNAUX**  
[72] DIAB, MOHAMED KHEIR, US  
[72] KIANI-AZARBAYJANY, ESMAIEL, US  
[72] MCCARTHY, REX JOHN, US  
[72] WEBER, WALTER MICHAEL, US  
[72] ELFADEL, IBRAHIM M., US  
[72] SMITH, ROBERT A., US  
[71] MASIMO CORPORATION, US  
[22] 1995-10-10  
[43] 1996-05-02  
[62] 2,199,016  
[30] US (08/320,154) 1994-10-07

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[21] **2,357,069**  
[13] A1

[51] **Int.Cl. 7H04M 11/06**  
[25] EN  
[54] **METHOD OF TRAINING A NETWORK DECODER**  
[54] **METHODE DE PARAMETRAGE D'UN DECODEUR DE RESEAU**  
[72] TOWNSHEND, BRENT, US  
[71] TOWNSHEND, BRENT, US  
[22] 1998-02-19  
[43] 1998-08-27  
[62] 2,261,635  
[30] US (08/802,509) 1997-02-20  
[30] US (08/803,088) 1997-02-20  
[30] US (08/804,784) 1997-02-20

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[21] **2,357,070**  
[13] A1

[51] **Int.Cl. 7H04Q 1/20 7H04M 11/06 7H04M 3/24 7H04L 12/66**  
[25] EN  
[54] **A METHOD FOR DETECTING THE PRESENCE OF ROBBED-BIT SIGNALLING**  
[54] **METHODE DE DETECTION DE LA PRESENCE D'UNE SIGNALISATION PAR REASSIGNATION DE BIT**  
[72] TOWNSHEND, BRENT, US  
[71] TOWNSHEND, BRENT, US  
[22] 1998-02-19  
[43] 1998-08-27  
[62] 2,261,635  
[30] US (08/802,509) 1997-02-20  
[30] US (08/803,088) 1997-02-20  
[30] US (08/804,784) 1997-02-20

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[21] **2,357,684**  
[13] A1

[51] **Int.Cl. 7B41C 1/10 7H01S 5/026**  
[25] EN  
[54] **MULTIPLE BEAM DIODE-PUMPED IMAGING SYSTEM**  
[54] **SYSTEME D'IMAGERIE POMPE PAR DIODE A PLUSIEURS FAISCEAUX**  
[72] SOUSA, JOHN GARY, US  
[71] PRESSTEK, INC., US  
[22] 2000-01-26  
[43] 2000-07-27  
[62] 2,324,942  
[30] US (09/245,102) 1999-01-26

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[21] **2,357,691**  
[13] A1

[51] **Int.Cl. 7H01S 5/026 7B41C 1/10**  
[25] EN  
[54] **MULTIPLE-BEAM, DIODE-PUMPED IMAGING SYSTEM**  
[54] **SYSTEME D'IMAGERIE POMPE PAR DIODE A PLUSIEURS FAISCEAUX**  
[72] SOUSA, JOHN GARY, US  
[71] PRESSTEK, INC., US  
[22] 2000-01-26  
[43] 2000-07-27  
[62] 2,324,942  
[30] US (09/245,102) 1999-01-26

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GERMAIN	2,358,062	GARABEDIAN, ROBERT J.	2,358,661	HONEYWELL INC.	2,358,349
DEBINSKI, WALDEMAR	2,358,427	GARRONE, PIERRE	2,358,562	HONEYWELL INC.	2,358,397
DEFOSSA, ELISABETH	2,358,578	GARST, MICHAEL E.	2,358,067	HONEYWELL INC.	2,358,401
DEFOSSA, ELISABETH	2,358,581	GATTON, STEVEN, L.	2,358,570	HONEYWELL INC.	2,358,416
DEGEORGE, CHARLES		GAYLO, CHRISTOPHER M.	2,358,530	HONEYWELL INC.	2,358,477
WILLIAM	2,358,634	GEARING, DAVID P.	2,351,522	HORIKOSHI, HIDEKI	2,358,422
DELL, SHEILA M.	2,358,493	GEHLEN, KURT R.	2,358,426	HOWLING, DAVID	2,358,471
DEMERRIT, JEFFERY A.	2,358,514	GEISER, TIM	2,358,566	HUANG, YUNG-SHENG	2,358,543
DEMMIN, RICHARD A.	2,358,695	GELLMAN, BARRY N.	2,358,702	HUTCHINSON, HOWARD	
DENBY, JAMES EDWARD	2,358,546	GENERAL ELECTRIC		GERARD	2,358,632
DEXCEL LTD.	2,358,448	COMPANY	2,355,181	HYDRA RIG, INC.	2,355,702
DIAB, MOHAMED K.	2,358,454	GENSET	2,337,694	IANNONE, EUGENIO	2,358,386
DIDDEN, F. KEVIN	2,358,135	GENZYME CORPORATION	2,358,489	IBG IMMOBILIEN-	
DIMITROPOULOS, NICHOLAS		GEORGETOWN UNIVERSITY	2,358,497	UNDBAUELEMENTE	
M.	2,358,405	GEROLYMATOS, PANAYOTIS		GMBH	2,358,537
DOMB, ABRAHAM J.	2,358,448	NIKOLAS	2,358,487	ICONIX PHARMACEUTICALS	
DONG KOOK		GILBERT, JOHN	2,358,533	INC.	2,358,100
PHARMACEUTICAL CO.,		GILIS, PAUL MARIE VICTOR	2,358,062	IMPERIAL TOBACCO LIMITED	2,358,541
LTD.	2,358,495	GIRAUD, JEAN-PIERRE	2,358,544	INNATURE LIMITED	2,351,524
DOW CORNING CORPORATION		GIROUD, PIERRE	2,358,209	INSTRUMENTATION METRICS,	
	2,358,677	GLASS, RANDAL	2,358,535	INC.	2,358,473
DRZEWIECKI, TADEUSZ M.	2,358,446	GOITSUKA, RYO	2,351,722	INVERNESS MEDICAL	
DUBROW, ROBERT S.	2,358,683	GOLDEN ALUMINUM		TECHNOLOGY, INC.	2,358,464
DUDLEY, DAVID THOMAS	2,358,438	COMPANY	2,358,547	IRIDIAN TECHNOLOGIES, INC.	2,358,535
DUNN, PAUL FRANCIS	2,358,444	GOMBERT, JOHANNES DURK	2,358,556	ISOLA LAMINATE SYSTEMS	
E.I. DU PONT DE NEMOURS		GOODE, JOHN E.	2,355,702	CORP.	2,358,467
AND COMPANY	2,351,870	GRACHECK, STEPHEN JOSEPH	2,358,438	ISRAELSSON, ANETTE	2,358,476
EBELING, KARL	2,356,323	GREVE, CHRISTOPHER G.	2,358,424	ITO, KUNIO	2,358,168
EDWARDS LIFESCIENCES		GRIEGO, JOHN	2,358,661	ITO, TAKAHIKO	2,358,447
CORPORATION	2,358,521	GROEP STEVENS		ITO, TAKASHI	2,358,609
EDWARDS LIFESCIENCES		INTERNATIONAL,		IZAWA, HAJIME	2,358,422
CORPORATION	2,358,523	NAAMLOZE		IZEX TECHNOLOGIES, INC.	2,358,468
EK-RYLANDER, BARBRO	2,351,872	VENNOOTSCHAP	2,358,540	JANSSEN PHARMACEUTICA	
ELI LILLY AND COMPANY	2,358,508	GSCHWEND, NORBERT	2,358,474	N.V.	2,358,062
ELMORE, JIMMY D.	2,358,664	GSCHWEND, NORBERT A.	2,358,474	JAPAN AS REPRESENTED BY	
EQUIFAX INC.	2,356,998	GUILLEMIN, PIERRE	2,358,209	DIRECTOR GENERAL OF	
ERDELEN, CHRISTOPH	2,358,576	GUIVERNAU-MARQUES,			
ERDMAN, DAVID	2,356,853	RAMON	2,358,668		

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JAPAN SCIENCE AND TECHNOLOGY CORPORATION	2,351,722	LOONEY, CHRISTOPHER S.	2,358,489	NOBILET, ROGER	2,358,544
JARVENPAA, VILJO	2,358,580	LU, ALBERT L.	2,351,870	NOBLE, NANCY A.	2,358,400
JEONG, SUN-KWANG	2,358,425	LU, Z. JOSEPH	2,358,401	NORDLUND, PER-JOHAN	2,358,557
JIN, TUO	2,358,505	LU, Z. JOSEPH	2,358,416	NORTEL NETWORKS LIMITED	2,358,525
JONES, PETER NEIL	2,358,694	LUDWIG, REINER	2,358,396	O'BRIEN, MICHAEL K.	2,358,560
JOZIAK, MARILOU T.	2,358,519	LUFT, JOHANN	2,356,323	ODEGARD, THOMAS A.	2,358,349
KAISHO, TOMOKO	2,358,609	MAGNA INTERNATIONAL OF AMERICA, INC.	2,358,534	OELLIG, CORNELIA	2,351,872
KAMINSKE, MATHEW	2,355,181	MALIN, STEPHEN F.	2,358,473	OGINO, YUSHI	2,358,443
KANG, HEUNG-WON	2,358,425	MANNINO, RAPHAEL	2,358,505	OGLE, MATTHEW F.	2,358,565
KAPLAN, DAVID R.	2,358,510	MARTIN, THOMAS E.	2,358,489	OKULOV, PAUL	2,358,526
KARIMOTO, HIROYASU	2,358,443	MASIMO CORPORATION	2,358,454	OLIGOS ETC. INC.	2,358,570
KATO, YASUKI	2,358,168	MASTERS, JAMES G.	2,358,519	OLSON, LARRY D.	2,358,467
KAWAGUCHI, YUJI	2,358,168	MATSHUSHITA ELECTRIC INDUSTRIAL CO., LTD.	2,358,443	OLSSON, BOZENA	2,358,642
KELLOGG COMPANY	2,358,471	MATTER, HANS	2,358,578	ONYEABOR, GILLIS E.	2,358,531
KEMP, JOHN D.	2,358,548	MATTER, HANS	2,358,581	OPTICAL TECHNOLOGIES U.S.A. CORP.	2,358,386
KENNEDY, THOMAS J., III	2,358,601	MAXIM PHARMACEUTICALS, INC.	2,358,426	OSBORNE, JAMES	2,358,524
KIANI, MASSI E.	2,358,454	MAYNARD, FRANCOISE	2,358,423	OSOSKI, THOMAS	2,356,853
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KIRK, ALLAN D.	2,358,435	MCGEE, JOHN PAUL	2,358,062	OTTOW, MARCEL	2,355,667
KISLITCHKINE, NIKOLAY	2,351,524	MCHNAIR, MICHAEL P.	2,358,405	OTV OMNIUM DE TRAITEMENT ET DE VALORISATION	2,358,415
KITAZAWA, KIMIYOSHI	2,358,452	MCNAMEE, JAMES ARTHUR	2,355,181	OYEN, DUANE	2,358,468
KLEIMAN, STEVEN	2,356,633	MEDIVAC TECHNOLOGY PTY LIMITED	2,358,451	OZBEK, ALI	2,358,512
KLINGLER, OTMAR	2,358,578	MEHTA, KAPIL	2,358,430	OZDEMIR, AHMET KEMAL	2,358,512
KLINGLER, OTMAR	2,358,581	MEHTA, VEERAG YAGNIK	2,358,677	P.N. GEROLYMATOS S.A.	2,358,487
KNECHTLE, STUART J.	2,358,435	MEIRHOFER, DONALD A.	2,358,405	PAFFORD, JOHN A.	2,358,455
KO, PATRICK	2,358,528	MELESE, TERI	2,358,100	PAN, CHUN H.	2,358,408
KOBREHEL, GABRIJELA	2,358,594	MENCKE, NORBERT	2,358,576	PANDIAN, M. R.	2,358,504
KOHNO, MICHIAKI	2,358,491	MERCK & CO., INC.	2,351,874	PANESCU, DORIN	2,358,428
KORTE, LUTZ	2,356,323	MERCK SHARP & DOHME LIMITED	2,358,586	PARADIS, JEAN-PIERRE	2,358,526
KOZLOV, GEORGY LEONIDOVICH	2,354,393	METASENSORS, INC.	2,358,446	PARCE, JOHN WALLACE	2,358,683
KREEVOY, MAURICE M.	2,358,459	MEUNIER, ERIC	2,358,549	PARK, JIN KYU	2,358,495
KRIEGSHAUSER, BERTHOLD, F.	2,358,124	MEUNIER, ERIC	2,358,550	PARK, MORK SOON	2,358,495
KUBISSA, CYNTHIA A.	2,358,514	MEYER, ANNETTE LYNN	2,358,438	PARK, TAE KWAN	2,358,495
KUSANO, HIROKO	2,358,168	MEYER, MICHAEL	2,358,396	PARKER-BARNES, JENNIFER M.	2,358,543
KUZNIAR, STANISLAW	2,358,596	MILLENIUM PHARMACEUTICALS, INC.	2,358,693	PAUKOVITS, EDWARD J., JR.	2,358,614
KWON, SUNG-YUN	2,358,584	MILLENIUM PHARMACEUTICALS, INC.	2,351,522	PAUKOVITZ, DOROTHY A. (deceased)	2,358,614
KYOWA HAKKO KOGYO CO., LTD.	2,358,168	MILLER, DAVE F.	2,358,467	PAULK, DAVID	2,358,661
LA PIERRE, RENE B.	2,358,384	MIZOBE, KUNITAKA	2,358,496	PAVLOVIC, MILOMIR	2,358,124
LABORATOIRES DOLISOS	2,358,544	MIZOBE, KUNITAKA	2,358,501	PAYRAUDEAU, MICHELE	2,358,415
LAM, HUNG-LY	2,358,521	MOBIL OIL CORPORATION	2,358,384	PE CORPORATION (NY)	2,358,566
LAPEYRE, ROBERT S.	2,358,424	MODLISZEWSKI, JAMES J.	2,358,493	PEARS, JOHN STUART	2,358,632
LAU, STEPHEN	2,358,525	MOLLISON, RICHARD, A.	2,358,124	PECQUET, SOPHIE	2,358,423
LAURENT-CHATENET, NATHALIE	2,358,527	MORI, KAZUYA	2,358,447	PEELER SYSTEM AB	2,358,481
LAVIAN, TAL, I.	2,358,525	MOTOKI, TORU	2,358,422	PERKINS, EDWARD L.	2,358,100
LAVIPHARM LABORATORIES, INC.	2,358,524	MUKERJI, PRADIP	2,358,543	PETTERSSON, AGNETA	2,358,476
LAWRENCE, DANIEL A.	2,358,400	MUNRO, HUGH SEMPLE	2,358,488	PFISTER, WILLIAM R.	2,358,524
LAYER, JACQUELINE	2,358,528	MUNRO, HUGH SEMPLE	2,358,499	PHARMACIA AB	2,351,872
LAZ, THOMAS M.	2,358,687	MUNRO, HUGH SEMPLE	2,358,500	PIONEER HI-BRED INTERNATIONAL, INC.	2,358,509
LAZAREVSKI, GORJANA	2,358,594	MUNRO, HUGH SEMPLE	2,358,503	PITZER, DARRELL R.	2,358,646
LE TALLEC, XAVIER	2,358,415	NAGORNY, RAISA	2,358,687	PLIVA, FARMACEUTSKA INDUSTRIJA DIONICKO DRUSTVO	2,358,594
LEE, JIAN-MING	2,351,870	NALBANDIAN, SARO	2,358,489	PLOTKIN, ELLIOTT V.	2,358,464
LEE, JUN-HYUK	2,358,425	NEILL, JOHN T.	2,358,601	PMS ELEKTROTECHNIK GMBH	2,358,518
LEONARD, AMANDA E. Y.	2,358,543	NELSON, MARK	2,358,672	POHANG IRON & STEEL CO., LTD.	2,358,425
LEONARD, ANDREW I. C.	2,358,614	NETWORK APPLIANCE, INC.	2,356,633	PORR, BRIAN	2,356,853
LEUNG, KEVIN	2,358,528	NEW MEXICO STATE UNIVERSITY TECHNOLOGY TRANSFER CORPORATION	2,358,548	PORTER ATHLETIC EQUIPMENT COMPANY	2,358,588
LI, QINGBO	2,358,480	NGUYEN-THIEN-NHON DIANA	2,358,521	POSADA, JAMES ARTHUR	2,358,508
LIGHT SCIENCES CORPORATION	2,358,662	NIPPON STEEL CORPORATION	2,358,442		
LIGHTLOGIC, INC.	2,358,529	NISHIDA, SEIKI	2,358,442		
LIU, ANN X	2,358,668	NISHIMURA, KAZUMI	2,358,442		
LIU, CHANGSHENG	2,358,480				

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POWELL FABRICATION & MANUFACTURING, INC.	2,358,705	SATSANGI, RAJIV K.	2,358,554	SUORSA, VEIJO T.	2,358,428
POWELL, DUANE	2,358,705	SCADDEN, DAVID T.	2,351,889	SURETTE, MICHAEL G.	2,351,731
POWNER, TORY H.	2,358,560	SCHAEFER, DEAN A.	2,358,661	SWAIN, DANIEL M.	2,358,456
POZNANSKY, MARK C.	2,351,889	SCHERING CORPORATION	2,358,562	SWANSON, DAVID K.	2,358,428
PRATT & WHITNEY CANADA CORP.	2,358,596	SCHLERETH, KARL-HEINZ	2,356,323	SYNAPTIC PHARMACEUTICAL CORPORATION	2,358,687
PRATT, TAMARA SUE	2,356,122	SCHLUMBERGER CANADA LIMITED	2,358,512	SYNTHE (U.S.A.)	2,358,478
PRESNAIL, JAMES K.	2,351,870	SCHMIDT, WILLIAM P.	2,358,456	TAGUCHI, TAKEHIKO	2,358,403
PRINCETON UNIVERSITY	2,351,731	SCHNECK, DENNIS	2,358,632	TAIM, M. P.	2,358,528
PRIORITY TECH, INC.	2,358,408	SCHOEN, JUERGEN, H.	2,358,124	TAKAHASHI, AKIRA	2,358,442
PROMEGA CORPORATION	2,356,122	SCHOENTHAL, SCOTT	2,356,633	TAKEDA CHEMICAL INDUSTRIES, LTD.	2,358,609
PROSTALUND OPERATIONS AB	2,358,649	SCHOLL, CHRISTOPHER HARGEST	2,358,478	TAN, HOCK SENG	2,358,524
PROTEOME SCIENCES, INC.	2,351,877	SCHRECK, STEFAN G.	2,358,521	TAN, YUYING	2,358,439
PUCHER, PETER	2,358,518	SCHROEDER, EDWARD A.	2,358,588	TANAKA, SATORU	2,358,442
PUGSLEY, CHARLES H., JR.	2,358,702	SCHULTZ, ROBERT L.	2,358,477	TANAKA, SHINICHI	2,358,422
PYE, WILFRED T.	2,358,561	SCOTT, DAVID	2,358,464	TANAKA, YOKO	2,358,609
PYKETT, MARK J.	2,351,889	SDGI HOLDINGS, INC.	2,358,455	TAO, LI	2,358,524
QUEST DIAGNOSTICS INVESTMENTS INCORPORATED	2,358,504	SEBOLT-LEOPOLD, JUDITH	2,358,438	TAVSS, EDWARD A.	2,358,519
QUEST INTERNATIONAL B.V.	2,358,556	SEGARRA, IGNACIO	2,358,505	TAYLOR, JAMES HOWARD JR.	2,358,646
RAZA, ALI	2,358,632	SEKI, SUMIKO	2,358,447	TEIKOKU HORMONE MFG. CO., LTD.	2,358,491
RECKTENWALD, WILLIAM	2,358,521	SENGUPTA-GOPALAN, CHAMPA	2,358,548	TELEFONAKTIEBOLAGET LM ERICSSON	2,358,396
REDONDO, LOUIS H.	2,358,405	SHABAKER, ROBERT H.	2,358,646	TELEFONAKTIEBOLAGET LM ERICSSON	2,358,615
REGEL, PETR ANATOLIEVICH	2,354,393	SHANER, DONALD A.	2,358,477	TELEFONAKTIEBOLAGET LM ERICSSON	2,358,698
REITER, ROBERT	2,351,887	SHARP, ANDREW	2,358,615	TENHOFF, HARM	2,358,428
REMI, PHILLIPE M.	2,358,565	SHIBUYA, YORIKUNI	2,358,452	THALES AVIONICS S.A.	2,358,209
RENN, DONALD W.	2,358,524	SHIN, MYOUNG-KYUN	2,358,425	THE CHASE MANHATTAN BANK	2,358,528
RESEARCH DEVELOPMENT FOUNDATION	2,358,430	SHIONOGI & CO LTD.	2,358,632	THE FURUKAWA ELECTRIC CO., LTD.	2,358,441
RESEARCH INSTITUTE OF INDUSTRIAL SCIENCE & TECHNOLOGY	2,358,425	SHPRECHER, DANIEL	2,358,536	THE GENERAL HOSPITAL CORPORATION	2,351,889
RESOLUTION RESEARCH NEDERLAND B.V.	2,358,664	SHULTZ, JOHN W.	2,356,122	THE GUITRON CORPORATION	2,358,526
RHEE, RICHARD S.	2,358,521	SIDEL	2,358,549	THE LAITRAM CORPORATION	2,358,424
RIEG, WOLFGANG	2,358,460	SIDEL	2,358,550	THE PENN STATE RESEARCH FOUNDATION	2,358,427
RILEY, KENNETH LLOYD	2,358,695	SMITH, DONALD E.	2,358,532	THE PROCTER & GAMBLE COMPANY	2,358,486
ROBERTS, DAVID ALAN	2,358,522	SMITH, EDWARD DEWEY III	2,358,486	THE PROCTER & GAMBLE COMPANY	2,358,488
ROCK SOLID RESEARCH PTY LTD.	2,358,502	SMITH, OSCAR	2,358,509	THE PROCTER & GAMBLE COMPANY	2,358,499
ROEST, MARTIN ROBERT	2,358,556	SMITH, PAUL J.	2,358,469	THE PROCTER & GAMBLE COMPANY	2,358,500
ROSENBAUM, LARRY A.	2,358,653	SMITH, SYDNEY T.	2,358,653	THE PROCTER & GAMBLE COMPANY	2,358,503
ROSENBLUM, MICHAEL G.	2,358,430	SOCIETE DES PRODUITS NESTLE S.A.	2,358,423	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2,351,887
ROSENZWEIG, MICHAEL	2,351,889	SOCIETE MEDICALE DE PRECISION S.M.P. SA	2,358,485	THERICS, INC.	2,358,530
ROTEC DESIGN LTD.	2,358,444	SOLOMON, SOL	2,358,528	THEYERL, MARY JO	2,358,467
ROUX, FRANCOIS	2,358,483	SPALDING SPORTS WORLDWIDE, INC.	2,358,601	THIBERG, ROLF	2,358,590
ROWE, ALAN	2,356,633	SPATH, WERNER	2,356,323	THIBERG, ROLF	2,358,592
RUCHTI, TIMOTHY L.	2,358,473	SPECTRUMEDIX CORPORATION	2,358,480	THIBERG, ROLF	2,358,599
RUFFING, NANCY	2,358,693	SPIKA, ZELJKO	2,356,323	THOMPSON, BARRY J.	2,358,634
RUSZKAY, THOMAS A.	2,358,493	ST. JUDE MEDICAL, INC.	2,358,565	THOMPSON, ROLAND R.	2,356,182
RUTHERFORD, ROBERT MATTHEW	2,358,444	STAMPER, BLAKE A.	2,358,696	THOMPSON, TERRY	2,358,570
S.C. JOHNSON COMMERCIAL MARKETS, INC.	2,358,703	STAVINOHA, WILLIAM B.	2,358,554	TIGHE, BRIAN JOHN	2,358,488
SAAB AB	2,358,557	STEGEMAN, PIETER HENDRIK PAUL	2,358,556	TIGHE, BRIAN JOHN	2,358,499
SAINT-MARTIN, RODOLPHE	2,358,549	STOBIE, ROBERT	2,358,523	TIGHE, BRIAN JOHN	2,358,500
SAINT-MARTIN, RODOLPHE	2,358,550	STOFKO, ANDREW	2,356,853	TIGHE, BRIAN JOHN	2,358,503
SALGANICOFF, MARCOS	2,358,535	STOFKO, BRAD	2,356,853	TILLER, MARK L.	2,358,646
SALIDO, CYNTHIA R	2,358,513	STOFKO'S HOME ELECTRICAL SERVICE, INC.	2,356,853	TODD, WILLIAM J.	2,358,507
SALIDO, CYNTHIA R.	2,358,513	STONE, JOHN B.	2,358,470	TOKAI KOGYO CO., LTD.	2,358,412
SALIDO, RUDOLPH E.	2,358,513	STOUT, JEFFREY T.	2,358,489		
SALON, JOHN A.	2,358,687	STRELCHENOK, OLEG	2,358,420		
SALTIEL, ALAN ROBERT	2,358,438	STRELCHENOK, OLEG	2,358,436		
SANDELMAN, DAVID	2,358,536	STUBLER, JEROME	2,358,485		
SANDERS, GLEN A.	2,358,397	STUMPERT, MARTIN	2,358,615		
		SUGIMARU, SATOSHI	2,358,442		
		SULZER ORTHOPEDICS INC.	2,358,696		
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TORDONE, ADELIA		WILDGOOSE, PETER	2,358,581
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TROTTO, PHILIP	2,358,384	WM. WRIGLEY JR. COMPANY	2,358,490
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TUASON, DOMINGO C.	2,358,493	WOLD, JOHN R.	2,358,467
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TURBERG, ANDREAS	2,358,576	WONG, JAMES F.	2,351,870
TURNER, JONATHAN D.	2,358,532	WOOD, KEITH V.	2,356,122
TYMIANSKI, JACOB R.	2,358,558	WOOLLEY, CURTIS S.	2,358,402
UCHIMURA, FUMIAKI	2,358,412	WU, LIJUN	2,358,693
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