

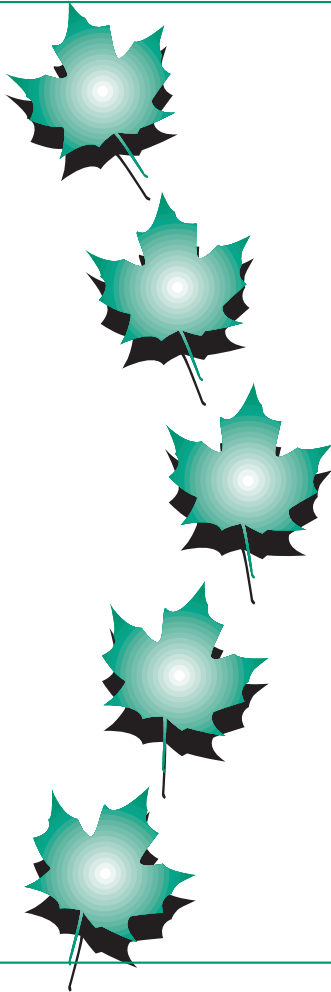


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**The Patent  
Office  
Record**

**La Gazette  
du Bureau  
des brevets**

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**Canada**



# THE PATENT OFFICE RECORD

## LA GAZETTE DU BUREAU DES BREVETS

David Tobin  
Commissioner of Patents

David Tobin  
Commissaire aux brevets

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.

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

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.

### Important Notice to Subscribers

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.

2,100,113	2,210,370
2,221,876	2,242,724

### 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.

2,100,113	2,210,370
2,221,876	2,242,724

### 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 1<sup>er</sup> 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)

#### SCHEDULE OF FEES APPLICABLE AS OF JANUARY 1, 2002

FEES	AMOUNTS \$
1. <b>Transmittal Fee:</b> (Rule 14)	200.00
2*. <b>Basic Fee:</b>	639.00
Amount for each additional sheet over 30	15.00
3. <b>Designation Fee:</b> (Rule 15.2(a))	138.00
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** 1,360.00  
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:** (Rule 57.2(a)) 159 Euro Dollars

7. **Preliminary Examination Fee:** (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.

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

#### BARÈME DE TAXES À PARTIR DU 01 JANVIER 2002

TAXES	MONTANTS \$
1. <b>Taxe de transmission:</b> (Règle 14)	200,00
2*. <b>Taxe de base:</b>	639,00
Montant pour chaque feuille au delà de 30	15,00
3. <b>Taxe de désignation</b> (par pays) (Règle 15.2(a))	138,00
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** 1 360,00  
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:** (Règle 57.2(a)) 159 dollars euro

7. **Taxe d'examen préliminaire:** (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.



## 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 January 1, 2002 contains laid-open applications from December 9, 2001 - December 15, 2001.

## 16. Notices

Notice is hereby given that on December 12, 2001, the Special Committee of Council approved the prepublication of the Regulations Amending the Patent Rules.

These amendments ensure that the Canadian Patent Rules conform with Canada's international obligations under the Patent Cooperation Treaty (PCT). The PCT is administered by the World Intellectual Property Organization (WIPO), which is located in Geneva. The amendments extend the time limit for transmitting a PCT application to national patent offices, irrespective of whether the applicant has requested an international preliminary examination.

## 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 9 décembre 2001 - 15 décembre 2001.

## 16. Avis

Avis est, par la présente, donné qu'en date du 12 décembre, 2001, le Comité spécial du Conseil a approuvé la publication préalable du Règlement modifiant les Règles sur les brevets.

Les modifications assurent la conformité des Règles sur les brevets du Canada à ses obligations internationales relatives au Traité de coopération en matière de brevets (PCT). Le PCT est administré par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI), qui se trouve à Genève. Les modifications étendent le délai prescrit pour amorcer la procédure auprès des offices de brevets nationaux, que le requérant ait demandé ou non un examen préliminaire international.

## Notices

The proposed amendments were published in Part I of the Canada Gazette on December 15, 2001. In addition, an extract of the Canada Gazette containing the proposed amendments, as well as the Regulatory Impact Analysis Statement, can be accessed on the Web site of the Canadian Intellectual Property Office at: [www.cipo.gc.ca](http://www.cipo.gc.ca)

Comments are welcome within 30 days after the date of publication in the Canada Gazette

You may obtain a paper copy of the Canada Gazette (Vol. 135, No. 50) by contacting: Canadian Government Publishing, Communication Canada, Ottawa, Canada K1A 0S9, (613) 956-4802.

La proposition de modifications a été publiée dans la Partie I de la Gazette du Canada le 15 décembre 2001. De plus, l'extrait de la Gazette du Canada comportant sur les modifications proposées, ainsi que le Résumé de l'étude d'impact de la réglementation, sont accessibles sur le site Web de l'Office de la propriété intellectuelle du Canada : [www.opic.gc.ca](http://www.opic.gc.ca)

Vous pouvez présenter vos commentaires dans les 30 jours suivant la date de publication dans la Gazette du Canada.

Vous pouvez vous procurer un exemplaire papier de la Gazette du Canada (Vol. 135, no 50) en s'adressant à : Les Éditions du gouvernement du Canada, Communication Canada, Ottawa, Canada K1A 0S9, (613) 956-4802.

## Avis

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[72] Falco, Lisa, US  
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[73] MCNEIL-PPC, INC., US  
[22] 1991-02-20  
[30] US (483,159) 1990-02-22

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[11] **2,036,884**  
[13] C

[51] **Int.Cl. 5B30B 9/14**  
[25] FR  
[54] **DISPOSITIF DE PRE-TRAITEMENT DE DECHETS PLASTIQUES AVANT RECLYCLAGE**  
[54] **PRE-PROCESSING DEVICE OF PLASTIC WASTES BEFORE RECYCLING**  
[72] Krempp, Olivier, FR  
[72] Renot, André, FR  
[73] INSTITUT FRANCAIS DU PETROLE, FR  
[73] Lutz et Krempp Industries (L.K.I.), FR  
[22] 1991-02-22  
[30] FR (90 02 387) 1990-02-23

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[11] **2,038,138**  
[13] C

[51] **Int.Cl. 5B29D 30/20 5B29D 30/24**  
[25] EN  
[54] **TIRE BUILDING APPARATUS AND METHOD**  
[54] **APPAREIL ET METHODE DE CONSTRUCTION DE PNEUMATIQUES**  
[72] Conger, Kenneth Dean, US  
[72] Peck, Arland Arthur, US  
[72] Broyles, Henry David, US  
[72] Hart, James Michael, LU  
[72] Becker, Michael Lee, US  
[72] Testa, Dean Charles, US  
[72] Stokes, James Dale, US  
[73] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[22] 1991-03-13  
[30] US (596,360) 1990-10-12

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[11] **2,038,241**  
[13] C

[51] **Int.Cl. 5G01M 5/00**  
[25] EN  
[54] **APPARATUS FOR DETECTING LATERAL DEVIATION OF A BAND SAW**  
[54] **DISPOSITIF DETECTEUR DE LA FLEXION D'UNE SCIE A RUBAN**  
[72] Harris, Gerald R., US  
[73] Harris, Gerald R., US  
[22] 1991-03-14  
[30] US (07-640,156) 1991-01-11

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[11] **2,038,255**  
[13] C

[51] **Int.Cl. 5F16D 1/00 5F16J 15/24**  
[25] EN  
[54] **MECHANICAL SEAL CONSTRUCTION AND LOCKING ASSEMBLY FOR USE THEREIN**  
[54] **ETANCHEITE MECANIQUE ET VERROUILLAGE CORRESPONDANT**  
[72] Crawford, Sandy Lee, US  
[73] UTEX Industries, Inc., US  
[22] 1991-03-20  
[30] US (499,780) 1990-03-27



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[11] **2,038,792**  
[13] C  
[51] **Int.Cl. 5A61G 5/14 5A61H 3/00**  
[25] EN  
[54] **RISING BRACE FOR INVALID WALKER AND METHOD**  
[54] **SUPPORT DE STATION POUR MARCHETTE D'INVALIDE ET METHODE**  
[72] Cunningham, Thomas W., US  
[73] Cunningham, Thomas W., US  
[22] 1991-03-21  
[30] US (522,685) 1990-05-14

[11] **2,038,804**  
[13] C  
[51] **Int.Cl. 5C09J 123/28 5C09J 161/06 5C09J 175/06 5B32B 15/08**  
[25] EN  
[54] **THERMOPLASTIC ELASTOMER ADHESIVE**  
[54] **ADHESIF ELASTOMERE THERMOPLASTIQUE**  
[72] Warren, Patrick A., US  
[72] Hill, Marvin C., US  
[72] Gervase, Nicholas J., US  
[72] Kucera, Helmut W., US  
[72] Troughton, Ernest Barritt Jr., US  
[73] LORD CORPORATION, US  
[22] 1991-03-21  
[30] US (07/508,387) 1990-04-11

[11] **2,039,225**  
[13] C  
[51] **Int.Cl. 5G06K 7/10**  
[25] EN  
[54] **LIGHT EMITTING DIODE SCANNER**  
[54] **LECTEUR A DIODES LUMINESCENTES**  
[72] Metlitsky, Boris, US  
[72] Swartz, Jerome, US  
[72] Barkan, Edward, US  
[72] Shepard, Howard M., US  
[72] Goren, David P., US  
[72] Biuso, Tony, US  
[73] SYMBOL TECHNOLOGIES, INC., US  
[22] 1991-03-27  
[30] US (562,130) 1990-08-03

[11] **2,040,673**  
[13] C  
[51] **Int.Cl. 5H01M 2/18**  
[25] EN  
[54] **LEAD ACID STORAGE BATTERY**  
[54] **BATTERIE D'ACCUMULATEURS AU PLOMB**  
[72] Yamaguchi, Osamu, JP  
[72] Hikawa, Hideki, JP  
[72] Morimoto, Yoshinari, JP  
[73] Shin-Kobe Electric Machinery Co. Ltd., JP  
[22] 1991-04-17  
[30] JP (102154/1990) 1990-04-18

[11] **2,040,737**  
[13] C  
[51] **Int.Cl. 5A61F 2/20**  
[25] EN  
[54] **PHONOSURGERY DEVICES**  
[54] **INSTRUMENTS UTILISES EN PHONOCHIRURGIE**  
[72] Beale, Bradford Wavel, US  
[73] ENT, L.L.C., US  
[22] 1991-04-18  
[30] US (511,454) 1990-04-20

[11] **2,040,772**  
[13] C  
[51] **Int.Cl. 5C07F 9/547 5D21H 19/00 5C08L 101/00 5C07F 9/09 5C07F 9/141**  
[25] EN  
[54] **5,5-BIS(PERFLUOROALKYLHETEROMETHYL)-2-HYDROXY-2-OXO-1,3,2-DIOXAPHOSPHORINANES, DERIVED ACYCLIC PHOSPHORUS ACIDS AND SALTS OR ESTERS THEREOF**  
[54] **LES 5,5-BIS-(PERFLUOROALKYLHETEROMETHYL)-2-HYDROXY-2-OXO-1,3,2-DIOXAPHOSPHORINANES, ACIDES ACYCLIQUES PHOSPHORES DERIVES, OU LEURS SELS OU ESTERS**  
[72] Falk, Robert A., US  
[72] Clark, Kirtland P., US  
[73] CIBA SPECIALTY CHEMICALS HOLDING INC., CH  
[22] 1991-04-18  
[30] US (513,356) 1990-04-20

[11] **2,041,260**  
[13] C  
[51] **Int.Cl. 5A61K 49/00**  
[25] EN  
[54] **ULTRASONIC CONTRAST AGENTS, PROCESSES FOR THEIR PREPARATION AND THE USE THEREOF AS DIAGNOSTIC AND THERAPEUTIC AGENTS**  
[54] **AGENTS DE CONTRASTE ULTRASONORE, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION EN TANT QU'AGENTS DE DIAGNOSTIC ET DE TRAITEMENT**  
[72] Erbel, Raimund, DE  
[72] Zotz, Rainer., DE  
[72] Krone, Volker, DE  
[72] Magerstädt, Michael, DE  
[72] Walch, Axel, DE  
[73] HOECHST AKTIENGESELLSCHAFT, DE  
[22] 1991-04-25  
[30] DE (P 40 13 231.5) 1990-04-26

[11] **2,041,532**  
[13] C  
[51] **Int.Cl. 5C09J 175/04 5C09J 175/06 5C09J 175/08**  
[25] EN  
[54] **URETHANE SEALANT HAVING IMPROVED SAG PROPERTIES**  
[54] **AGENT DE SCELLEMENT EN URETHANE A FERMETE AMELIOREE**  
[72] Khalil, Hamdy, CA  
[72] Majewski, Witek, CA  
[72] NICKEL, George, CA  
[72] VAN HEUMEN, Jeff, CA  
[72] WYPYCH, George, CA  
[73] RPM CANADA, CA  
[22] 1991-04-30

[11] **2,042,473**  
[13] C  
[51] **Int.Cl. 5C07F 9/59 5C07F 9/572 5A61K 31/675**  
[25] EN  
[54] **PIPERIDINO-NMDA ANTAGONISTS**  
[54] **ANTAGONISTES PIPERIDINO-NMDA**  
[72] Whitten, Jeffrey P., US  
[73] AVENTIS PHARMA INC., CA  
[22] 1991-05-13  
[30] US (525,290) 1990-05-17  
[30] US (675,156) 1991-03-28

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[11] **2,042,556**  
[13] C

[51] **Int.Cl. 5A61K 33/24**  
[25] EN  
[54] **USE OF PERVANADATE AS AN INHIBITOR OF PHOSPHOTYROSINE PHOSPHATASE**  
[54] **UTILISATION DE PERVANADATE COMME INHIBITEUR DE LA PHOSPHOTYROSINE PHOSPHATASE**  
[72] POSNER, BARRY, CA  
[72] FANTUS, I. George, CA  
[73] POSNER, BARRY, CA  
[73] FANTUS, I. George, CA  
[22] 1991-05-14  
[30] US (07/536,716) 1990-06-07

[11] **2,042,953**  
[13] C

[51] **Int.Cl. 5F02M 67/02**  
[25] FR  
[54] **PROCEDE D'INJECTION PNEUMATIQUE DE CARBURANT DANS UN MOTEUR A DEUX TEMPS ET MOTEUR A DEUX TEMPS CORRESPONDANT**  
[54] **PROCESS FOR PNEUMATIC INJECTION OF FUEL IN A TWO CYCLE ENGINE AND TWO CYCLE ENGINE**  
[72] Monnier, Gaëtan, FR  
[72] Duret, Pierre, FR  
[73] INSTITUT FRANCAIS DU PETROLE, FR  
[22] 1991-05-21  
[30] FR (90/06322) 1990-05-21  
[30] FR (90/13600) 1990-10-30

[11] **2,044,291**  
[13] C

[51] **Int.Cl. 5C09J 175/08 5C09J 175/06 5D06M 17/10 5B32B 7/12 5B32B 5/26**  
[25] EN  
[54] **NON-YELLOWING POLYURETHANE ADHESIVES**  
[54] **ADHESIFS A BASE DE POLYURETHANNE NE JAUNISSANT PAS**  
[72] Rumon, Kenneth A., US  
[72] Wilhelm, Walter C., US  
[72] Damico, Dennis J., US  
[73] LORD CORPORATION, US  
[22] 1991-06-11  
[30] US (07/556,600) 1990-07-20

[11] **2,045,479**  
[13] C

[51] **Int.Cl. 5G01N 27/453 5C12Q 1/04 5C12M 1/34 5G01N 27/447**  
[25] EN  
[54] **DIELECTROPHORETIC CHARACTERISATION OF MICRO-ORGANISMS AND OTHER PARTICLES**  
[54] **CARACTERISATION DE MICRO-ORGANISMES ET AUTRES PARTICULES PAR DIELECTROPHORESE**  
[72] Betts, Walter Bernard, GB  
[72] Hawkes, Jeremy John, GB  
[73] BTG INTERNATIONAL LIMITED, GB  
[85] 1991-07-26  
[86] 1990-11-27 (PCT/GB90/01836)  
[87] (WO91/08284)  
[30] GB (8926781.9) 1989-11-27

[11] **2,046,436**  
[13] C

[51] **Int.Cl. 5G21K 1/06 5G21G 4/02**  
[25] EN  
[54] **NEUTRON REFLECTING SUPERMIRROR STRUCTURE**  
[54] **STRUCTURE A SUPERMIROIR REFLECTEUR DE NEUTRONS**  
[72] Wood, James L., US  
[73] Ovonic Synthetic Material Company, Inc., US  
[22] 1991-07-08  
[30] US (07/566,909) 1990-07-31

[11] **2,048,052**  
[13] C

[51] **Int.Cl. 5C07D 251/12**  
[25] EN  
[54] **TRIFLUORO- AND CHLORODIFLUOROMETHOXY-1,3,5-TRIAZINES AND THE PREPARATION THEREOF**  
[54] **TRIFLUORO- ET CHLORODIFLUOROMETHOXY-1,3,5-TRIAZINES ET LEUR MODE D'OBTENTION**  
[72] Hamprecht, Gerhard, DE  
[72] Mayer, Horst, DE  
[72] Wolf, Hans-Josef, DE  
[73] BASF AKTIENGESELLSCHAFT, DE  
[22] 1991-07-29  
[30] DE (P 40 24 755.4) 1990-08-03

[11] **2,048,132**  
[13] C

[51] **Int.Cl. 5C07C 29/44 5C07C 35/02 5C07C 31/20 5C07C 33/26**  
[25] EN  
[54] **PROCESS FOR MAKING 1,3-DIOLS FROM EPOXIDES**  
[54] **PROCEDE D'OBTENTION DE 1,3-DIOLS A PARTIR D'EPOXYDES**  
[72] Tau, Kwoliang D., US  
[73] HOECHST CELANESE CORPORATION, US  
[22] 1991-07-30  
[30] US (07/560,709) 1990-07-31

[11] **2,048,490**  
[13] C

[51] **Int.Cl. 5H04B 7/26**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ENHANCING SIGNALLING RELIABILITY IN A CELLULAR MOBILE RADIO TELEPHONE SYSTEM**  
[54] **METHODE ET DISPOSITIF POUR ACCROITRE LA FIABILITE DE SIGNALISATION DANS UN SYSTEME DE RADIOTELEPHONIE MOBILE CELLULAIRE**  
[72] Ghisler, Walter, SE  
[72] Dahlin, Steinar Jan Erik Ake, SE  
[72] Kallin, Harald, SE  
[73] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[22] 1991-08-06  
[30] US (568,051) 1990-08-16  
[30] US (604,522) 1990-10-25

[11] **2,048,544**  
[13] C

[51] **Int.Cl. 5A61K 45/00**  
[25] EN  
[54] **INTRAVASCULAR EMBOLIZING AGENT CONTAINING ANGIOGENESIS-INHIBITING SUBSTANCE**  
[54] **AGENT D'EMBOLISATION INTRAVASCULAIRE CONTENANT UNE SUBSTANCE INHIBITRICE DE L'ANGIOGENESE**  
[72] Okada, Hiroaki, JP  
[72] Kamei, Shigeru, JP  
[72] Yoshioka, Toshio, JP  
[73] TAKEDA CHEMICAL INDUSTRIES, LTD., JP  
[22] 1991-08-07  
[30] JP (210622-1990) 1990-08-08  
[30] JP (006323-1991) 1991-01-23

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[11] **2,049,464**  
[13] C

[51] **Int.Cl. 5F25B 39/02**  
[25] EN  
[54] **HOT GAS DEFROST SYSTEM FOR REFRIGERATION SYSTEMS AND APPARATUS THEREFOR**  
[54] **SYSTEME DE DEGIVRAAGE PAR RECYCLAGE DES GAZ CHAUDS POUR EMPLOI EN REFRIGERATION**  
[72] Gregory, Charles, CA  
[73] Super S.E.E.R. Systems Inc., CA  
[22] 1991-08-19

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[11] **2,050,868**  
[13] C

[51] **Int.Cl. 5A61B 17/36 5A61B 17/32**  
[25] EN  
[54] **ENDOSCOPIC SURGICAL INSTRUMENT**  
[54] **INSTRUMENT CHIRURGICAL D'ENDOSCOPIE**  
[72] Aranyi, Ernie, US  
[73] UNITED STATES SURGICAL CORPORATION, US  
[22] 1991-09-06  
[30] US (593,670) 1990-10-05

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[11] **2,051,331**  
[13] C

[51] **Int.Cl. 5H04N 1/23 5G06F 15/66**  
[25] EN  
[54] **GENERAL KERNEL FUNCTION FOR ELECTRONIC HALFTONE GENERATION**  
[54] **NOYAU GENERAL POUR LA GENERATION ELECTRONIQUE D'IMAGES DEMI-TEINTE**  
[72] Rylander, Richard L., US  
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[22] 1991-09-13  
[30] US (582524) 1990-09-14

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[51] **Int.Cl. 5H04N 1/23 5G06F 15/66**  
[25] EN  
[54] **GENERAL KERNEL FUNCTION FOR ELECTRONIC HALFTONE GENERATION**  
[54] **NOYAU GENERAL POUR LA GENERATION ELECTRONIQUE D'IMAGES DEMI-TEINTE**  
[72] Rylander, Richard L., US  
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[22] 1991-09-13  
[30] US (582524) 1990-09-14

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[11] **2,051,369**  
[13] C

[51] **Int.Cl. 5A61K 31/195**  
[25] EN  
[54] **THYROID HORMONE CARDIAC TREATMENT**  
[54] **TRAITEMENT CARDIAQUE A BASE D'HORMONE THYROIDIENNE**  
[72] Rubin, Leo, US  
[73] BRITISH TECHNOLOGY GROUP (USA) INCORPORATED, US  
[85] 1991-10-04  
[86] 1991-02-05 (PCT/US91/00750)  
[87] (WO91/11181)  
[30] US (475,360) 1990-02-05  
[30] US (495,354) 1990-03-19

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[11] **2,051,830**  
[13] C

[51] **Int.Cl. 5C07D 267/20 5C07D 403/10 5C07D 413/10 5C07D 281/16 5C07D 233/20 5C07D 243/38 5A61K 31/55**  
[25] EN  
[54] **TRICYCLIC HETEROCYCLES**  
[54] **HETEROCYCLES TRICYCLIQUES**  
[72] Tucker, Howard, GB  
[73] IMPERIAL CHEMICAL INDUSTRIES PLC, GB  
[22] 1991-09-19  
[30] GB (9021813.2) 1990-10-08

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[11] **2,053,038**  
[13] C

[51] **Int.Cl. 5F01D 17/02**  
[25] EN  
[54] **TEMPERATURE CONTROL OF A STEAM TURBINE STEAM TO MINIMIZE THERMAL STRESS**  
[54] **REGULATION DE LA TEMPERATURE D'UNE BOITE A VAPEUR DE TURBINE A VAPEUR EN VUE DE REDUIRE AU MINIMUM LES CONTRAINTES THERMIQUES**  
[72] Silvestri, George Joseph, Jr., US  
[72] Martin, James Ashworth, US  
[72] Ulrich, Douglas Richard, US  
[73] WESTINGHOUSE ELECTRIC CORPORATION, US  
[22] 1991-10-09  
[30] US (597,942) 1990-10-10

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[11] **2,053,950**  
[13] C

[51] **Int.Cl. 5B65G 65/32 5B65G 69/02**  
[25] FR  
[54] **APPAREILLAGE POUR LE REMPLISSAGE D'UN RECIPIENT PAR UN PRODUIT SOLIDE DIVISE**  
[54] **APPARATUS FOR FILLING A CONTAINER WITH A SCREENED SOLID MATERIAL**  
[72] Poussin, Bernard, FR  
[72] Lumbroso, Daniel, FR  
[73] INSTITUT FRANCAIS DU PETROLE, FR  
[22] 1991-10-22  
[30] FR (90/13.162) 1990-10-22

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[11] **2,054,116**  
[13] C

[51] **Int.Cl. 5C08L 33/02 5C09D 133/02 5C09D 125/04 5C08L 25/04 5C09D 133/08 5C08L 33/08**  
[25] EN  
[54] **LATEX FOR COATINGS HAVING IMPROVED FLEXIBILITY**  
[54] **LATEX POUR ENDUITS A SOUPLESSE AMELIOREE**  
[72] Sraill, Richard E., US  
[72] Burroway, Gary L., US  
[73] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[22] 1991-10-28  
[30] US (662,091) 1991-02-28

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[11] **2,054,162**  
[13] C

[51] **Int.Cl. 5C08G 73/00 5C08L 7/00 5C08L 47/00 5C08L 79/00**  
[25] EN  
[54] **POLYMERIC DIPHENYLDIAMINES**  
[54] **DIPHENYLDIAMINES POLYMERIQUES**  
[72] Wideman, Lawson G., US  
[72] Sandstrom, Paul H., US  
[73] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[22] 1991-10-28  
[30] US (656,881) 1991-02-19

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[11] **2,054,509**  
[13] C

[51] **Int.Cl. 5H01H 33/60 5H01H 21/08 5H01H 33/08 5H01H 33/42**  
[25] FR  
[54] **INTERRUPTEUR ROTATIF MULTIPOLAIRE**  
[54] **MULTIPORE ROTARY SWITCH**  
[72] Begnis, Mauro, FR  
[72] Bouvet, Bernard, FR  
[72] Colella, André, FR  
[72] Gaillard, Jacques, FR  
[72] Jacolin, Richard, FR  
[72] Pons, Serge, FR  
[72] Riva, Gérard, FR  
[72] Pinet, Claude, FR  
[73] MERLIN GERIN, FR  
[22] 1991-10-30  
[30] FR (9013843) 1990-11-06

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[11] **2,054,661**  
[13] C

[51] **Int.Cl. 5H05K 5/02 5H04B 10/00**  
[25] EN  
[54] **PORTABLE ELECTRONIC APPARATUS**  
[54] **APPAREIL ELECTRONIQUE PORTATIF**  
[72] Uchida, Hiroshi, JP  
[72] Itoh, Susumu, JP  
[73] SONY CORPORATION, JP  
[22] 1991-10-31  
[30] JP (298983/90) 1990-11-06

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[11] **2,055,299**  
[13] C

[51] **Int.Cl. 5B05B 5/16 5B05B 5/03**  
[25] FR  
[54] **INSTALLATION DE PROJECTION ELECTROSTATIQUE DE PRODUIT DE REVETEMENT LIQUIDE CONDUCTEUR**  
[54] **FACILITY FOR ELECTROSTATIC PROJECTION OF CONDUCTIVE LIQUID COATING**  
[72] Lacchia, Adrien, FR  
[72] Chabert, Pierre, FR  
[72] Tholome, Roger, FR  
[72] Viguier, Thierry, FR  
[73] SAMES S.A., FR  
[22] 1991-11-12  
[30] FR (90 14 446) 1990-11-20

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[11] **2,056,799**  
[13] C

[51] **Int.Cl. 5C07D 211/90 5C07D 473/08 5C07F 7/10 5C07D 401/12 5C07D 413/12 5C07D 417/12 5C07D 401/14 5C07D 405/14 5C07D 409/14**  
[25] EN  
[54] **1,4-DIHYDROPYRIDINE DERIVATIVES AND METHODS OF PRODUCING THE SAME**  
[54] **DERIVES DE 1,4-DIHYDROPYRIDINE ET METHODE DE PREPARATION**  
[72] Ikawa, Hiroshi, JP  
[72] Kadoiri, Akiyoshi, JP  
[72] Konagai, Yasuko, JP  
[72] Yamaura, Tetsuaki, JP  
[72] Kase, Noriko, JP  
[73] UCB JAPAN CO., LTD., JP  
[22] 1991-11-29  
[30] JP (2-330005) 1990-11-30  
[30] JP (3-207283) 1991-07-25  
[30] JP (3-207284) 1991-07-25

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[11] **2,057,418**  
[13] C

[51] **Int.Cl. 5C01D 5/14 5C01B 17/62**  
[25] EN  
[54] **COCURRENT FLOW PROCESS FOR THE MANUFACTURE OF SODIUM SULFITE AND BISULFITE SOLUTIONS**  
[54] **PROCEDE D'ECOULEMENT A CONTRE-COURANT UTILE POUR LA FABRICATION DE SOLUTIONS DE SULFITE ET DE BISULFITE DE SODIUM**  
[72] Dulik, Mark D., US  
[72] Bortle, Walter H., Jr., US  
[72] Bean, Samuel L., US  
[73] General Chemical Corporation, US  
[22] 1991-12-11  
[30] US (644,213) 1991-01-22

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[11] **2,059,141**  
[13] C

[51] **Int.Cl. 5H04B 1/66**  
[25] EN  
[54] **ADAPTIVE-BLOCK-LENGTH, ADAPTIVE-TWIST, AND ADAPTIVE-WINDOW TRANSFORM CODER, DECODER, AND ENCODER/DECODER FOR HIGH QUALITY AUDIO**  
[54] **CODEUR HAUTE FIDELITE ADAPTATIF A SELECTION DE LONGUEUR DE BLOC DE TRANSFORMATION ET DE FENETRE D'ANALYSE**  
[72] Davidson, Grant Allen, US  
[73] Dolby Laboratories Licensing Corporation, US  
[85] 1991-12-09  
[86] 1991-04-12 (PCT/US91/02512)  
[87] (WO91/16769)  
[30] US (07/508,809) 1990-04-12

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[11] **2,060,255**  
[13] C

[51] **Int.Cl. 5B65B 61/20**  
[25] EN  
[54] **DEVICE FOR GUIDANCE OF OBJECTS CONNECTED IN STRIP FORM**  
[54] **DISPOSITIF DE GUIDAGE D'OBJETS RELIES EN BANDE**  
[72] Akesson, Micael, SE  
[72] Persson, Göran, SE  
[73] TETRA LAVAL HOLDINGS & FINANCE, S.A., CH  
[22] 1992-01-29  
[30] SE (9100317-8) 1991-02-01

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[11] **2,060,256**  
[13] C

[51] **Int.Cl. 5B01D 67/00**  
[25] EN  
[54] **PROCESS FOR THE MANUFACTURE OF THIN FILM COMPOSITE MEMBRANES**  
[54] **PROCEDE DE FABRICATION DE MEMBRANES COMPOSITES A FILM MINCE**  
[72] Arthur, Samuel David, US  
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[22] 1992-01-29  
[30] US (07/650,257) 1991-02-04

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[11] 2,063,757  
[13] C

[51] **Int.Cl. 5G01C 19/66**  
[25] EN  
[54] **APPARATUS FOR THERMAL TUNING OF PATH LENGTH CONTROL DRIVERS**  
[54] **DISPOSITIF POUR LE REGLAGE THERMIQUE DES ACTIONNEURS COMMANDANT LA DISTANCE DE DEPLACEMENT D'UN MEMBRE MOBILE AXIALEMEN**  
[72] Albers, Steven C., US  
[72] Callaghan, Timothy J., US  
[72] Seiber, Bruce A., US  
[72] Toth, Theodore A., US  
[72] Derry, Robert W., US  
[72] Podgorski, Theodore J., US  
[73] HONEYWELL INC., US  
[22] 1992-03-23  
[30] US (07/682,840) 1991-04-09

[11] 2,063,760  
[13] C

[51] **Int.Cl. 5G01C 19/70**  
[25] EN  
[54] **CLUSTER DITHER APPARATUS**  
[54] **DISPOSITIF POUR LA JUXTAPOSITIF DE CAPTEURS MULTIPLES**  
[72] Hanse, Joel G., US  
[73] HONEYWELL INC., US  
[22] 1992-03-23  
[30] US (07/684,613) 1991-04-12

[11] 2,064,511  
[13] C

[51] **Int.Cl. 5G11B 23/36 5G11B 27/30**  
[25] EN  
[54] **METHOD AND DEVICE FOR RECORDING INFORMATION VOLUMES IN A TRACK OF A RECORD CARRIER, AND A DEVICE FOR READING THE RECORD CARRIER THUS OBTAINED**  
[54] **METHODE ET DISPOSITIF D'ENREGISTREMENT DE VOLUMES D'INFORMATION SUR UNE PISTE DE SUPPORT D'ENREGISTREMENT ET DISPOSITIF DE LECTURE DE CE RAPPORT**  
[72] Dieleman, Adrianus Huibrecht, NL  
[72] Schepers, Jos Gustaaf, BE  
[72] Westerhout, Gerrit Damejanus, NL  
[73] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL  
[22] 1992-03-31  
[30] GB (91200764.8) 1991-04-02  
[30] GB (91201005.5) 1991-04-26

[11] 2,064,855  
[13] C

[51] **Int.Cl. 5H04N 7/167**  
[25] EN  
[54] **PROGRAM TRANSMISSION OPTIMISATION**  
[54] **OPTIMISATION DE LA TRANSMISSION DE PROGRAMMES**  
[72] De Bey, Henry Curtis, AU  
[73] Delta Beta Pty. Ltd., AU  
[85] 1992-02-21  
[86] 1990-08-23 (PCT/AU90/00370)  
[87] (WO91/03112)  
[30] AU (PJ5933) 1989-08-23

[11] 2,065,730  
[13] C

[51] **Int.Cl. 5C08L 53/00**  
[25] EN  
[54] **GELS**  
[54] **GELEES**  
[72] Sutherland, Alistair A. P., GB  
[72] Hudson, John M., GB  
[73] RAYCHEM LIMITED, GB  
[85] 1992-03-16  
[86] 1990-10-02 (PCT/GB90/01505)  
[87] (WO91/05014)  
[30] GB (8922445.5) 1989-10-05

[11] 2,065,745  
[13] C

[51] **Int.Cl. 5C07F 7/00 5C07F 9/50 5C08F 4/642**  
[25] EN  
[54] **MONOCYCLOPENTADIENYL TRANSITION METAL OLEFIN POLYMERIZATION CATALYSTS**  
[54] **CATALYSEURS A BASE D'UN METAL DE TRANSITION POUR LA POLYMERISATION D'OLEFINES**  
[72] Canich, Jo Ann Marie, US  
[73] EXXONMOBIL CHEMICAL PATENTS INC., US  
[85] 1992-03-10  
[86] 1990-09-13 (PCT/US90/05208)  
[87] (WO91/04257)  
[30] US (406,945) 1989-09-13  
[30] US (533,245) 1990-06-04

[11] 2,067,741  
[13] C

[51] **Int.Cl. 5C07D 477/00 5A61K 31/40**  
[25] EN  
[54] **10(1-HYDROXYETHYL)-11-OXO-1-AZATRICYCLO-7.2.0.0.3.8]UNDEC-2-ENE-2-CARBOXYLIC ACID ESTERS AND A PROCESS FOR PREPARING THEREOF**  
[54] **ESTERS DE L'ACIDE 10-(1-HYDROXYETHYL)-11-OXO-1-AZATRICYCLO-7.2.0.0.3.8]UNDEC-2-ENE-2-CARBOXYLIQUE; METHODE DE PREPARATION**  
[72] Perboni, Alcide, IT  
[72] Rossi, Tino, IT  
[72] Gaviraghi, Giovanni, IT  
[72] Ursini, Antonella, IT  
[72] Tarzia, Giorgio, IT  
[73] GLAXO S.P.A., IT  
[85] 1992-04-14  
[86] 1991-08-20 (PCT/EP91/01589)  
[87] (WO92/03437)  
[30] GB (9018330.2) 1990-08-21  
[30] GB (9104770.4) 1991-03-07

[11] 2,068,327  
[13] C

[51] **Int.Cl. 6C07K 7/08 6A61K 38/10**  
[25] EN  
[54] **POLYPEPTIDE AND ANTI-HIV DRUG PREPARED THEREFROM**  
[54] **POLYPEPTIDE ET MEDICAMENT ANTI-HIV PREPARE A PARTIR DE CELUI-CI**  
[72] Fujii, Nobutaka, JP  
[72] Yamamoto, Naoki, JP  
[73] SEIKAGAKU KOGYO CO. LTD., JP  
[85] 1992-05-08  
[86] 1991-09-10 (PCT/JP91/01201)  
[87] (WO92/04374)  
[30] JP (238922/1990) 1990-09-11

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[11] **2,068,883**  
[13] C

[51] **Int.Cl. 5G11B 27/30 5G11B 20/10**  
[25] EN  
[54] **RECORD CARRIER ON WHICH A MAIN DATA FILE AND A CONTROL FILE HAVE BEEN RECORDED, METHOD OF AND DEVICE FOR RECORDING THE MAIN DATA FILE AND THE CONTROL FILE, AND DEVICE FOR READING THE RECORD CARRIER**  
[54] **SUPPORT D'ENREGISTREMENT SUR LEQUEL SONT ENREGISTRES UN FICHER DE DONNEES PRINCIPAL ET UN FICHER DE CONTROLE, METHODE ET DISPOSITIF D'ENREGISTREMENT DE CES FICHERS ET DISPOSITIF DE LECTURE DE CE SUPPORT**  
[72] Timmermans, Jozef Maria Karel, BE  
[73] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL  
[85] 1992-05-15  
[86] 1991-09-18 (PCT/NL91/00175)  
[87] (WO92/05556)  
[30] EP (90202487.6) 1990-09-19  
[30] NL (9002108) 1990-09-27

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[11] **2,069,551**  
[13] C

[51] **Int.Cl. 5B29C 51/26 5B29C 51/42**  
[25] EN  
[54] **POLYMER COATED POWDER HEATING AND FEEDING SYSTEM FOR A COMPACTING PRESS**  
[54] **DISPOSITIF POUR ALIMENTER UNE PRESSE DE COMPACTAGE EN UNE POUDRE ENROBEE DE POLYMER ET CHAUFFEE AU PREALABLE**  
[72] Smyth, Dale C., Jr., US  
[72] Halley, Michael A., US  
[73] Cincinnati Incorporated, US  
[22] 1992-05-26  
[30] US (07/708,508) 1991-05-31

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[11] **2,069,915**  
[13] C

[51] **Int.Cl. 5A23C 15/16 5A01J 15/12**  
[25] EN  
[54] **A PROCESS FOR THE PRODUCTION OF LOW FAT BUTTER AND AN ASSEMBLY TO BE USED WHEN CARRYING OUT SAID PROCESS**  
[54] **APPAREIL ET PROCEDE POUR LA FABRICATION DE BEURRE A FAIBLE TENEUR EN GRAS**  
[72] Pedersen, Ernst N'rgård, DK  
[72] Dühholm, Kaj, DK  
[73] APV PASILAC A/S, DK  
[85] 1992-04-22  
[86] 1990-11-07 (PCT/DK90/00284)  
[87] (WO91/07098)  
[30] DK (5579/89) 1989-11-08

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[11] **2,070,531**  
[13] C

[51] **Int.Cl. 5H01L 31/09**  
[25] EN  
[54] **MICROSTRUCTURE DESIGN FOR HIGH IR SENSITIVITY (U)**  
[54] **CONCEPTION D'UNE MICROSTRUCTURE TRES SENSIBLE AUX IR**  
[72] Cole, Barrett E., US  
[73] HONEYWELL INC., US  
[22] 1992-06-05

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[11] **2,070,827**  
[13] C

[51] **Int.Cl. 5H04N 7/13**  
[25] EN  
[54] **DEVICE FOR CODING DIGITAL SIGNALS CORRESPONDING TO TELEVISION IMAGES AND CORRESPONDING DECODING DEVICE**  
[54] **DISPOSITIF DE CODAGE DE SIGNAUX DE TELEVISION NUMERIQUE ET DISPOSITIF DE DECODAGE CONNEXE**  
[72] Dufour, Cecile, FR  
[72] Nocture, Gilles, FR  
[73] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL  
[85] 1992-06-08  
[86] 1991-10-08 (PCT/NL91/00191)  
[87] (WO92/06563)  
[30] FR (9012413) 1990-10-09  
[30] FR (9015823) 1990-12-18  
[30] FR (9107656) 1991-06-21  
[30] FR (9108588) 1991-07-09

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[11] **2,073,047**  
[13] C

[51] **Int.Cl. 5F16F 1/42 5B60G 15/07 5F16F 9/32**  
[25] EN  
[54] **COMPRESSION SPRING RESSORT DE COMPRESSION**  
[72] Palinkas, Richard Louis, US  
[73] UNIROYAL CHEMICAL COMPANY, INC., US  
[85] 1992-05-06  
[86] 1990-10-30 (PCT/US90/06280)  
[87] (WO91/07605)  
[30] US (439,117) 1989-11-17

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[11] **2,073,130**  
[13] C

[51] **Int.Cl. 5G01F 1/58 5G01F 1/60**  
[25] EN  
[54] **MAGNETIC FLOWMETER WITH FAULT DETECTION**  
[54] **DEBITMETRE MAGNETIQUE A DETECTION DE DEFAILLANCES**  
[72] Herwig, Jörg, DE  
[72] Keese, Dieter, DE  
[72] Rackebrandt, Karl-Heinz, DE  
[72] Schwiderski, Hans W., DE  
[73] Fischer & Porter Company, US  
[22] 1992-07-03  
[30] DE (P 41 22 225.3) 1991-07-04

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[11] **2,074,683**  
[13] C

[51] **Int.Cl. 5B65D 75/12 5B65B 53/00**  
[25] EN  
[54] **THERMALLY SHRUNK PACKAGE**  
[54] **PAQUET THERMOMRETRACTE**  
[72] Yamashita, Hideyuki, JP  
[72] Wano, Toyoki, JP  
[73] Okura Industrial, Co., Ltd., JP  
[73] Nissin Food Products Co., Ltd., JP  
[22] 1992-07-27  
[30] JP (3-67,857) 1991-07-30

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[11] 2,075,489  
[13] C

[51] **Int.Cl. 5A61N 5/06**  
[25] EN  
[54] **SUBMERSIBLE LENS  
FIBEROPTIC ASSEMBLY**  
[54] **ASSEMBLAGE DE FIBRE  
OPTIQUE POUR LENTILLES  
SUBMERSIBLES**  
[72] Wood, Leroy M., US  
[72] Boyle, Donn, US  
[72] Potter, William R., US  
[73] Health Research, Inc., US  
[85] 1992-07-06  
[86] 1990-11-05 (PCT/US90/06472)  
[87] (WO91/10474)  
[30] US (461,636) 1990-01-08

[11] 2,075,963  
[13] C

[51] **Int.Cl. 5A61F 13/46**  
[25] EN  
[54] **AN ABSORBENT BODY  
INCORPORATING TWO LAYERS  
WHICH CONTAIN DIFFERENT SUPER-  
ABSORBENTS**  
[54] **MATERIEL ABSORBANT  
CONSTITUE DE DEUX COUCHES QUI  
CONTIENNENT DIFFERENTS  
MATERIAUX SUPERABSORBANTS**  
[72] Gustafsson, Lars, SE  
[72] Areskoug, Stefan, SE  
[72] Qvist, Magnus, SE  
[73] SCA HYGIENE PRODUCTS  
AKTIEBOLAG, BE  
[85] 1992-08-13  
[86] 1991-02-13 (PCT/SE91/00101)  
[87] (WO91/11978)  
[30] SE (9000534-9) 1990-02-14

[11] 2,079,316  
[13] C

[51] **Int.Cl. 5A61N 1/30**  
[25] EN  
[54] **IONTOPHORETIC DRUG  
DELIVERY SYSTEM WITH TWO-  
STAGE DELIVERY PROFILE**  
[54] **SYSTEME D'ADMINISTRATION  
D'UN MEDICAMENT  
IONTOPHORETIQUE AYANT UN  
PROFIL D'ADMINISTRATION EN  
DEUX PHASES**  
[72] Sorenson, Paul D., US  
[72] Badzinski, John D., US  
[72] Lattin, Gary A., US  
[72] McNichols, Larry A., US  
[73] ALZA CORPORATION, US  
[85] 1992-09-28  
[86] 1991-03-22 (PCT/US91/01941)  
[87] (WO91/15258)  
[30] US (07/502,176) 1990-03-30  
[30] US (07/671,306) 1991-03-21

[11] 2,080,416  
[13] C

[51] **Int.Cl. 5A43B 13/38**  
[25] EN  
[54] **ADJUSTABLE ORTHOTIC**  
[54] **APPAREIL ORTHOSTATIQUE  
REGLABLE**  
[72] Kellerman, David, US  
[73] Kellerman, David, US  
[22] 1992-10-13  
[30] US (07/957,984) 1992-10-06

[11] 2,081,665  
[13] C

[51] **Int.Cl. 6C07K 14/00 5C07H 9/06  
5A61K 47/48**  
[25] EN  
[54] **OLIGOSACCHARIDE  
OXAZOLINES, OLIGOSACCHARIDE  
CONJUGATES AND METHODS OF  
PREPARATION THEREOF**  
[54] **OXAZOLINES  
D'OLIGOSACCHARIDE, PRODUITS  
CONJUGUES D'OLIGOSACCHARIDE  
ET LEURS METHODES DE  
PREPARATION**  
[72] Colon, Marcelo, US  
[72] Davis, Jeffrey T., US  
[72] Rasmussen, James R., US  
[72] Borowski, Marianne, US  
[72] Wan, Barbara Y., US  
[72] Hirani, Shirish, US  
[73] Genzyme Corporation, US  
[85] 1992-10-28  
[86] 1991-05-24 (PCT/US91/03687)  
[87] (WO91/18911)  
[30] US (529,343) 1990-05-25

[11] 2,081,884  
[13] C

[51] **Int.Cl. 5B01J 20/28 5B65D 81/26**  
[25] EN  
[54] **POLYMER COMPOSITIONS  
CONTAINING OXYGEN SCAVENGING  
COMPOUNDS**  
[54] **COMPOSITIONS POLYMERIQUES  
CONTENANT DES COMPOSES  
FIXATEURS DE L'OXYGENE**  
[72] Teumac, Fred N., US  
[72] Zenner, Bruce D., US  
[72] Rassouli, Mahmood R., US  
[72] Ross, Bert A., US  
[72] Deardurff, Larrie A., US  
[73] Zapata Industries, Inc., US  
[73] Aquanautics Corporation, US  
[85] 1992-10-30  
[86] 1991-05-01 (PCT/US91/02982)  
[87] (WO91/17044)  
[30] US (518,041) 1990-05-02  
[30] US (581,507) 1990-09-12

[11] 2,082,029  
[13] C

[51] **Int.Cl. 5B29C 39/10**  
[25] EN  
[54] **PROCESS AND APPARATUS FOR  
MANUFACTURING A FLUE MADE OF  
FIBER-REINFORCED PLASTIC,  
PARTICULARLY OF A STACK FOR  
DISCHARGING CHEMICALLY  
AGGRESSIVE FUMES**  
[54] **PROCEDE ET APPAREIL  
SERVANT A FABRIQUER UN  
CARNEAU DE PLASTIQUE RENFORCE  
DE FIBRES, NOTAMMENT POUR UNE  
CHEMINEE DESTINEE A  
L'EVACUATION DE VAPEURS  
CHIMIQUES**  
[72] Cargnelutti, Mario, IT  
[73] Gruppo Sarplast S.p.A., IT  
[22] 1992-11-03  
[30] IT (MI92 A 000400) 1992-02-24

[11] 2,082,505  
[13] C

[51] **Int.Cl. 5A61K 7/06 5A61K 31/495**  
[25] EN  
[54] **METHOD OF TREATING  
ALOPECIA**  
[54] **MODE DE TRAITEMENT DE  
L'ALOPECIE**  
[72] Pierard, Gérald E., BE  
[73] Janssen Pharmaceutica naamloze  
vennootschap, BE  
[85] 1992-11-09  
[86] 1991-06-19 (PCT/EP91/01136)  
[87] (WO92/00057)  
[30] GB (90.14.221.7) 1990-06-26

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[11] **2,083,148**  
[13] C

[51] **Int.Cl. 6C07K 1/12 5C07H 21/04 5C07F 7/10 5C07C 245/24 5C07C 323/48 5C07F 9/50 5A61K 31/655**  
[25] EN  
[54] **BISTRIAZENES AS CHEMOTHERAPEUTIC AGENTS**  
[54] **BISTRIAZENES EN TANT QU'AGENTS CHIMIOThERAPEUTIQUES**  
[72] Michejda, Christopher J., US  
[72] Blumenstein, Jeffrey J., US  
[73] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, U.S. DEPARTMENT OF COMMERCE, US  
[85] 1992-11-17  
[86] 1991-05-22 (PCT/US91/03445)  
[87] (WO91/17753)  
[30] US (527,915) 1990-05-24

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[11] **2,083,149**  
[13] C

[51] **Int.Cl. 5C07C 271/20 5C07C 259/06**  
[25] EN  
[54] **INTERMEDIATE USED FOR THE PREPARATION OF DEFEROXAMINE**  
[54] **PRODUIT INTERMEDIAIRE UTILISE POUR LA PREPARATION DE DEFEROXAMINE**  
[72] Wuts, Peter G. M., US  
[73] PHARMACIA & UPJOHN COMPANY, US  
[85] 1992-11-17  
[86] 1991-06-25 (PCT/US91/04339)  
[87] (WO92/00957)  
[30] US (548,717) 1990-07-06  
[30] US (649,864) 1991-02-04

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[11] **2,083,693**  
[13] C

[51] **Int.Cl. 5B24D 3/04 5C09K 3/14 5C04B 35/58**  
[25] EN  
[54] **ABRASIVE COMPACT OF CUBIC BORON NITRIDE AND METHOD OF MAKING SAME**  
[54] **BRIQUETTE ABRASIVE DE NITRURE DE BORE CUBIQUE ET FABRICATION**  
[72] Ringwood, Alfred, Edward, AU  
[73] THE AUSTRALIAN NATIONAL UNIVERSITY, AU  
[85] 1992-11-24  
[86] 1991-04-17 (PCT/AU91/00144)  
[87] (WO91/18844)  
[30] AU (PK 0297) 1990-05-25

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[11] **2,085,472**  
[13] C

[51] **Int.Cl. 5B01D 61/00 5B01D 19/00 5C02F 1/20**  
[25] EN  
[54] **RADON REMOVAL SYSTEM**  
[54] **SYSTEME D'EVACUATION DU RADON**  
[72] Matson, Stephen L., US  
[73] Matson, Stephen L., US  
[85] 1992-12-15  
[86] 1991-06-17 (PCT/US91/04312)  
[87] (WO91/19560)  
[30] US (539,005) 1990-06-15

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[11] **2,085,490**  
[13] C

[51] **Int.Cl. 5C10C 3/00 5D01F 9/155**  
[25] EN  
[54] **PROCESSES FOR THE MANUFACTURE OF ENRICHED PITCHES AND CARBON FIBERS**  
[54] **METHODES DE FABRICATION DE FIBRES DE CARBONE ET DE BRAIS ENRICHIS**  
[72] Berkebile, Donald C. (Deceased), US  
[72] Lee, Donald M., US  
[72] Veneziano, Larry D., US  
[72] Lauer, Joseph J., US  
[72] Booth, Roy E., US  
[72] Hettinger, William P., US  
[73] ASHLAND OIL INC., US  
[85] 1992-12-15  
[86] 1990-11-01 (PCT/US90/06249)  
[87] (WO92/07920)  
[30] US (PCT/US90/06249) 1990-11-01

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[11] **2,085,983**  
[13] C

[51] **Int.Cl. 5H04L 12/28 5H04L 12/52 5H04L 12/56**  
[25] EN  
[54] **SWITCHING ELEMENT AND METHOD FOR CONTROLLING THE SAME**  
[54] **ORGANE DE COMMUTATION ET MODE DE COMMANDE**  
[72] Martikainen, Olli, FI  
[72] Raatikainen, Pertti, FI  
[72] Suoknuutti, Marko, FI  
[72] Zidbeck, Juha, FI  
[73] VALTION TEKNILLINEN TUTKIMUSKESKUS, FI  
[85] 1992-12-21  
[86] 1991-06-19 (PCT/FI91/00192)  
[87] (WO91/20143)  
[30] FI (903145) 1990-06-21

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[11] **2,086,123**  
[13] C

[51] **Int.Cl. 5A61K 9/72 5A61M 15/00 5A61J 3/02**  
[25] EN  
[54] **APPARATUS AND PROCESS FOR METERING POWDER**  
[54] **PROCEDE ET DISPOSITIF POUR LE DOSAGE DE POUDRES**  
[72] Gupte, Arun Rajaram, DE  
[72] Hochrainer, Dieter, DE  
[72] Poß, Gerhard, DE  
[72] Wittekind, Jürgen, DE  
[72] Zierenberg, Bernd, DE  
[72] Knecht, Adolf, DE  
[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE  
[85] 1992-12-22  
[86] 1991-06-21 (PCT/EP91/01153)  
[87] (WO92/00115)  
[30] DE (P 40 20 571.1) 1990-06-28  
[30] DE (P 41 02 793.0) 1991-01-31

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[11] **2,087,589**  
[13] C

[51] **Int.Cl. 5G02B 5/124**  
[25] EN  
[54] **DECORATIVE GLASS**  
[54] **VERRE DECORATIF**  
[72] Meymand, Darlene K., US  
[73] Meymand, Darlene K., US  
[85] 1993-01-19  
[86] 1991-07-19 (PCT/US91/05094)  
[87] (WO92/01964)  
[30] US (556,883) 1990-07-20

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[11] **2,087,602**  
[13] C

[51] **Int.Cl. 5C01B 31/30 5C01G 49/00 5G01N 35/00 5C22B 5/14**  
[25] EN  
[54] **METHOD FOR CONTROLLING THE CONVERSION OF IRON-CONTAINING REACTOR FEED INTO IRON CARBIDE**  
[54] **METHODE SERVANT A REGULER LA CONVERSION EN CARBURE DE FER D'UNE ALIMENTATION DE REACTEUR CONTENANT DU FER**  
[72] Hager, John P., US  
[72] Stephens, Frank A., US  
[72] Stephens, Frank M., Jr., US  
[73] Iron Carbide Holdings, Limited, US  
[85] 1993-01-19  
[86] 1991-07-23 (PCT/US91/05188)  
[87] (WO92/02824)  
[30] US (561,100) 1990-08-01

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[11] 2,087,859  
[13] C

[51] Int.Cl. 5C07D 311/70 5C07D 498/04  
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5A61K 31/695 5C07D 311/96

[25] EN  
[54] BENZOPYRAN DERIVATIVES  
[54] DERIVES DU BENZOPYRANNE  
[72] Koga, Hiroshi, JP  
[72] Nabata, Hiroyuki, JP  
[73] CHUGAI SEIYAKU KABUSHIKI  
KAISHA, JP  
[85] 1993-01-21  
[86] 1991-07-26 (PCT/JP91/01005)  
[87] (WO92/02514)  
[30] JP (199738/1990) 1990-07-27  
[30] JP (297009/1990) 1990-11-01  
[30] JP (049827/1991) 1991-03-14

[11] 2,090,286  
[13] C

[51] Int.Cl. 5A61N 1/30 5A61N 1/36  
[25] EN  
[54] DEVICE FOR GENERATING AN  
ELECTRICAL VOLTAGE OF  
PREDETERMINED WAVEFORM,  
IONTOPHORESIS APPARATUS FOR  
TRANSDERMALLY ADMINISTERING  
MEDICINAL PRODUCTS AND  
ELECTRICAL STIMULATION  
APPARATUS, WHICH APPARATUSES  
ARE EQUIPPED WITH SUCH A  
DEVICE

[54] DISPOSITIF SERVANT A  
PRODUIRE UNE TENSION  
ELECTRIQUE AYANT UNE FORME  
D'ONDE PREDETERMINEE,  
APPAREIL D'IONTOPHORESE POUR  
L'ADMINISTRATION  
TRANSCUTANEE DE MEDICAMENTS  
ET APPAREIL DESTIMULATION  
ELECTRIQUE, EQUIPES DUDIT  
DISPOSITIF

[72] Teillaud, Eric, FR  
[72] Bevan, Bruno, FR  
[72] Mikler, Claude, FR  
[72] Reilly, Paul, GB  
[73] IOMED, INC., US  
[22] 1993-02-24  
[30] FR (92 02276) 1992-02-27

[11] 2,093,227  
[13] C

[51] Int.Cl. 5A61M 5/32 5A61M 5/50

[25] EN  
[54] SAFETY SYRINGE WITH  
RETRACTABLE NEEDLE  
[54] SERINGUE A AIGUILLE  
RETRACTABLE

[72] McGary, R. Kern, US  
[72] Jentzen, S. William, US  
[73] Triad Technology, US  
[85] 1993-04-01  
[86] 1991-09-27 (PCT/US91/07199)  
[87] (WO92/05818)  
[30] US (592,504) 1990-10-03

[11] 2,093,789  
[13] C

[51] Int.Cl. 5C07C 65/26 5A61K 7/00  
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42 5C07C 69/616 5C07C 323/62 5C07C  
233/63 5C07C 69/76

[25] FR  
[54] COMPOSES BI-AROMATIQUES ET  
LEUR UTILISATION EN MEDECINE  
HUMAINE ET VETERINAIRE ET EN  
COSMETIQUE

[54] BI-AROMATIC COMPOUNDS AND  
THEIR USE IN HUMAN AND  
VETERINARY MEDICINE AND IN  
COSMETIC PREPARATIONS

[72] Bernardon, Jean-Michel, FR  
[72] Pilgrim, William Robert, FR  
[73] CENTRE INTERNATIONAL DE  
RECHERCHES DERMATOLOGIQUES  
GALDERMA (CIRD GALDER MA), FR  
[85] 1993-04-08  
[86] 1991-10-11 (PCT/FR91/00793)  
[87] (WO92/06948)  
[30] FR (87821) 1990-10-12

[11] 2,094,267  
[13] C

[51] Int.Cl. 5B01F 17/38 5A61K 7/00  
5A61K 9/107 5B01F 17/56

[25] FR  
[54] UTILISATION DE COMPOSITIONS  
A BASE D'ALCOOLS GRAS, POUR LA  
PREPARATION D'EMULSIONS;  
PROCEDE DE PREPARATION  
D'EMULSIONS ET EMULSIONS AINSI  
OBTENUES

[54] USE OF FATTY ALCOHOL BASED  
COMPOSITION FOR PREPARING  
EMULSIONS, METHOD OF  
PREPARING EMULSIONS AND  
EMULSIONS SO OBTAINED

[72] Brancq, Bernard, FR  
[72] Boiteux, Jean-Pierre, FR  
[73] SOCIETE D'EXPLOITATION DE  
PRODUITS POUR LES INDUSTRIES  
CHIMIQUES (S.E.P. P.I.C.), FR  
[85] 1993-04-16  
[86] 1991-10-16 (PCT/FR91/00804)  
[87] (WO92/06778)  
[30] FR (90/12842) 1990-10-17

[11] 2,095,015  
[13] C

[51] Int.Cl. 5D21C 11/04

[25] EN  
[54] PROCESS AND DEVICE IN A  
CHEMICALS RECOVERY PLANT IN A  
SULPHATE PULP MILL  
[54] PROCEDE ET APPAREIL POUR LA  
SEPARATION DES PRODUITS  
CHIMIQUES DANS UNE USINE DE  
PATE A SULFATE

[72] Strid, Kent, SE  
[72] Oswaldson, Rolf, SE  
[73] Gotaverken Energy Aktiebolag, SE  
[85] 1993-04-27  
[86] 1991-11-20 (PCT/SE91/00786)  
[87] (WO92/09742)  
[30] SE (9003697-1) 1990-11-21

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[11] **2,095,247**  
[13] C

[51] **Int.Cl. 5C25D 11/22**  
[25] EN  
[54] **ELECTROLYTE ADDITIVE FOR A COLORANT BATH FOR COLORING ALUMINUM AND PROCESS FOR COLORING ALUMINUM**  
[54] **ADDITIF ELECTROLYTIQUE POUR BAIN DE COLORATION DE L'ALUMINIUM ET METHODE DE COLORATION CONNEXE**  
[72] de Riese Meyer, Loert, DE  
[72] Sander, Volker, DE  
[72] Lindener, Juergen, DE  
[73] HENKEL  
KOMMANDITGESELLSCHAFT AUF AKTIEN, DE  
[85] 1993-04-29  
[86] 1991-10-21 (PCT/EP91/01994)  
[87] (WO92/07976)  
[30] DE (P 40 34 304.9) 1990-10-29

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[11] **2,095,817**  
[13] C

[51] **Int.Cl. 5H04N 1/32 5H04N 1/40 5H04N 1/41**  
[25] EN  
[54] **ELECTRONIC STILL VIDEO CAMERA WITH DIRECT PERSONAL COMPUTER (PC) COMPATIBLE DIGITAL FORMAT OUTPUT**  
[54] **CAMERA VIDEO A IMAGES FIXES A SIGNAL DE SORTIE NUMERIQUE DE FORMAT COMPATIBLE AVEC LES SIGNAUX D'ORDINATEURS PERSONNELS**  
[72] Roberts, Marc K., US  
[72] Chikosky, Matthew A., US  
[72] Speasl, Jerry A., US  
[73] ST. CLAIR INTELLECTUAL PROPERTY CONSULTANTS, INC., US  
[85] 1993-05-07  
[86] 1991-11-20 (PCT/US91/08500)  
[87] (WO92/09169)  
[30] US (07/615,848) 1990-11-20

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[11] **2,097,192**  
[13] C

[51] **Int.Cl. 6C07K 7/02 6A61K 38/08**  
[25] EN  
[54] **BOMBESIN ANTAGONISTS**  
[54] **ANTAGONISTES DE LA BOMBESINE**  
[72] Schally, Andrew V., US  
[72] Cai, Ren Z., US  
[73] ADMINISTRATORS OF THE TULANE EDUCATIONAL FUND (THE), US  
[85] 1993-05-27  
[86] 1991-11-15 (PCT/US91/08534)  
[87] (WO92/09626)  
[30] US (619,747) 1990-11-29

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[11] **2,099,529**  
[13] C

[51] **Int.Cl. 6A61K 38/01 5A23K 1/18**  
[25] EN  
[54] **ANTEMORTEM NUTRIENT SUPPLEMENT FOR LIVESTOCK**  
[54] **SUPPLEMENT NUTRITIF POUR LE BETAIL DESTINE A L'ABATTAGE**  
[72] SCHAEFER, Allan L., CA  
[72] JONES, Stephen D. Morgan, CA  
[72] Stanley, Richard W., CA  
[72] Turnbull, Ian K. S., CA  
[72] Johanns, John R., US  
[73] HER MAJESTY THE QUEEN, IN RIGHT OF CANADA, AS REPRESENTED BY THE MINISTER OF AGRICULTURE, CA  
[22] 1993-07-02

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[11] \* **2,100,113**  
[13] C

[51] **Int.Cl. 5F16H 7/10**  
[25] EN  
[54] **AUTOMATICALLY EXPANSIBLE PULLEY**  
[54] **POULIE SOUPLE REGLABLE AUTOMATIQUE**  
[72] CZEBE, ANDY, CA  
[73] CZEBE, ANDY, CA  
[22] 1993-07-08

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[11] **2,100,443**  
[13] C

[51] **Int.Cl. 5B05B 11/04 5A45D 34/02**  
[25] EN  
[54] **DISPENSER ADAPTED FOR COMBINED CONTINUOUS AND INSTANT OPERATION**  
[54] **DISTRIBUTRICE ADAPTEE POUR FONCTIONNER INSTANTANEMENT ET EN CONTINU**  
[72] Kuhn, Petrus H.A.N., NL  
[73] Sara Lee/DE N.V., NL  
[85] 1993-07-13  
[86] 1992-01-16 (PCT/NL92/00009)  
[87] (WO92/12802)  
[30] NL (9100089) 1991-01-17

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[11] **2,101,290**  
[13] C

[51] **Int.Cl. 5G08B 13/24**  
[25] EN  
[54] **EAS SYSTEM WITH IMPROVED PROCESSING OF ANTENNA SIGNALS**  
[54] **SYSTEME DE COMMUTATION ELECTRONIQUE AUTOMATIQUE PERMETTANT UN TRAITEMENT AMELIORE DES SIGNAUX D'ANTENNE**  
[72] Plonsky, Christopher B., US  
[72] Schneider, Jack H., US  
[72] Strzelec, Stanley A., US  
[73] SENSORMATIC ELECTRONICS CORPORATION, US  
[22] 1993-07-26  
[30] US (07/979,612) 1992-11-19

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[11] **2,102,121**  
[13] C

[51] **Int.Cl. 5B09B 3/00 5A62D 3/00 5C02F 3/12 5C02F 3/34**  
[25] EN  
[54] **BIO-SLURRY REACTION SYSTEM AND PROCESS FOR HAZARDOUS WASTE TREATMENT**  
[54] **METHODE ET SYSTEME BIOREACTEUR POUR LE TRAITEMENT DES DECHETS DANGEREUX**  
[72] Castaldi, Frank J., US  
[73] RADIAN INTERNATIONAL LLC, US  
[85] 1993-10-29  
[86] 1992-09-24 (PCT/US92/08117)  
[87] (WO93/06953)  
[30] US (773,344) 1991-10-07

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[11] **2,102,644**  
[13] C

[51] **Int.Cl. 5H01S 3/18**  
[25] EN  
[54] **SPONTANEOUS EMISSION SOURCE HAVING HIGH SPECTRAL DENSITY AT A DESIRED WAVELENGTH**  
[54] **SOURCE A EMISSIONS SPONTANEEES A DENSITE SPECTRALE ELEVEE A UNE LONGUEUR D'ONDE DESIREE**  
[72] Huber, David R., US  
[73] GENERAL INSTRUMENT CORPORATION, US  
[22] 1993-11-08  
[30] US (07/974,185) 1992-11-10

[11] **2,102,696**  
[13] C

[51] **Int.Cl. 5B26D 7/32 5B65H 45/101**  
[25] EN  
[54] **DEVICE FOR SEPARATING A WEB INTO PARTS AND FOR STACKING SAID PARTS, POSSIBLY AFTER FOLDING**  
[54] **APPAREIL POUR SEPARER UNE TRAME EN PIECES, EMPILER CES PIECES ET, SELON LE CAS, APRES LES AVOIR PLIEES**  
[72] Van Den Bergh, Marc F., BE  
[73] WEB CONVERTING EQUIPMENT, NAAMLOZE VENNOOTSCHAP, BE  
[85] 1993-11-08  
[86] 1992-07-01 (PCT/BE92/00028)  
[87] (WO93/01031)  
[30] BE (9100642) 1991-07-05

[11] **2,103,034**  
[13] C

[51] **Int.Cl. 5A21C 3/02 5A21C 9/08**  
[25] EN  
[54] **APPARATUS AND METHODS FOR FLIPPING AND ALIGNING A DOUGH SHEET**  
[54] **APPAREIL SERVANT A RETOURNER ET A ALIGNER UNE ABAISSE DE PATE, ET METHODES CONNEXES**  
[72] Stein, Steven A., US  
[72] Bornhorst, William C., US  
[72] Waldherr, Michael P., US  
[73] GENERAL MILLS, INC., US  
[85] 1993-11-12  
[86] 1992-01-20 (PCT/US92/00688)  
[87] (WO92/20233)  
[30] US (699,039) 1991-05-13

[11] **2,105,732**  
[13] C

[51] **Int.Cl. 5F25D 23/02 5E05C 19/16**  
[25] EN  
[54] **MAGNETIC SEAL FOR REFRIGERATOR HAVING DOUBLE DOORS**  
[54] **FERMETURE A BANDE MAGNETIQUE POUR REFRIGERATEUR DEUX PORTES**  
[72] Kiel, Lowell Morris, US  
[73] THE STANDARD PRODUCTS COMPANY, US  
[22] 1993-09-08  
[30] US (944,498) 1992-09-14

[11] **2,105,839**  
[13] C

[51] **Int.Cl. 5F16C 1/18**  
[25] EN  
[54] **ROTARY CONTROLLED MOTION TRANSMISSION ASSEMBLY**  
[54] **DISPOSITIF DE TRANSMISSION MECANIQUE A ACTIONNEUR ROTATIF**  
[72] Corbett, Christopher H., US  
[73] Flex Technologies, Inc., US  
[22] 1993-09-09  
[30] US (065,765) 1993-05-24

[11] **2,106,188**  
[13] C

[51] **Int.Cl. 5A01N 25/24 5C08L 33/16 5A61K 7/42**  
[25] EN  
[54] **PROTECTIVE COMPOSITIONS**  
[54] **COMPOSITIONS DE PROTECTION**  
[72] Kelley, Donald W., US  
[73] Redline Products, Inc., US  
[85] 1993-09-14  
[86] 1992-03-13 (PCT/US92/02005)  
[87] (WO92/16103)  
[30] US (07/670,306) 1991-03-15

[11] **2,108,444**  
[13] C

[51] **Int.Cl. 5H01H 47/02**  
[25] EN  
[54] **DISTANCE RELAY WITH LOAD ENCROACHMENT PROTECTION FOR USE WITH POWER TRANSMISSION LINES**  
[54] **TELERELAIS AVEC PROTECTION POUR LIGNES DE TRANSPORT D'ENERGIE ELECTRIQUE**  
[72] Schweitzer, Edmund O., III, US  
[73] SCHWEITZER ENGINEERING LABORATORIES, INC., US  
[22] 1993-10-14  
[30] US (960,763) 1992-10-14

[11] **2,109,336**  
[13] C

[51] **Int.Cl. 5H01B 7/02 5B29C 47/02**  
[25] EN  
[54] **MULTILAYER INSULATED WIRE AND A MANUFACTURING METHOD THEREFOR**  
[54] **FIL ELECTRIQUE A ISOLATION MULTICOUCHE ET PROCEDE DE FABRICATION CONNEXE**  
[72] Higashiura, Atsushi, JP  
[72] Maezono, Toshiki, JP  
[72] Nakamura, Nobuyuki, JP  
[72] Yamaguchi, Shigeo, JP  
[72] Inoue, Mitsuru, JP  
[72] Kobayashi, Isamu, JP  
[72] Sano, Fumikazu, JP  
[73] THE FURUKAWA ELECTRIC CO., LTD., JP  
[22] 1993-10-27  
[30] JP (4-290160) 1992-10-28

[11] **2,112,311**  
[13] C

[51] **Int.Cl. 5C08J 9/02 5C08L 83/04 5C08J 9/12 5B29C 67/20 5C08J 3/24**  
[25] EN  
[54] **METHOD FOR FABRICATING FOAM GASKETS**  
[54] **METHODE DE FABRICATION DE GARNITURES EN MOUSSE**  
[72] Akitomo, Hiroshi, JP  
[72] Nozoe, Tsugio, JP  
[72] Shinmi, Hideo, JP  
[73] Dow Corning Toray Silicone Company, Ltd., JP  
[22] 1993-12-23  
[30] JP (04-361140(1992)) 1992-12-28

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[11] **2,113,502**  
[13] C

[51] **Int.Cl. 5B29C 45/00 5C08L 75/04 5B29C 67/14 5C08J 9/35**  
[25] EN  
[54] **PROCESS FOR THE PRODUCTION OF REINFORCED MOLDINGS AND THE RESULTANT PRODUCTS**  
[54] **PROCEDE DE FABRICATION DE MOULURES RENFORCEES ET PRODUITS CONNEXES**  
[72] Hurley, Michael F., US  
[72] Seagrave, Terry D., US  
[73] BAYER CORPORATION, US  
[22] 1994-01-14  
[30] US (08/006,560) 1993-01-21

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[11] **2,117,844**  
[13] C

[51] **Int.Cl. 5H04L 12/54 5H04L 1/00**  
[25] EN  
[54] **DATA NETWORK SWITCH**  
[54] **COMMUNTEUR DE RESEAU DE TRANSMISSION DE DONNEES**  
[72] Pepper, Andrew Timothy, GB  
[73] General Datacomm Advanced Research Centre Limited, GB  
[22] 1994-10-11  
[30] GB (9321165.4) 1993-10-13

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[11] **2,118,333**  
[13] C

[51] **Int.Cl. 6A61K 38/39 5A61L 25/00 5A61L 15/32**  
[25] EN  
[54] **A METHOD AND COMPOSITION FOR TREATING BIOPSY WOUNDS**  
[54] **METHODE ET COMPOSITION POUR LE TRAITEMENT DES LESIONS ATTRIBUABLES A LA BIOPSIE**  
[72] Verschoor, Jacob, NL  
[72] Westerhof, Wiete, NL  
[73] Verschoor, Jacob, NL  
[73] Westerhof, Wiete, NL  
[22] 1994-10-18  
[30] US (08/192,557) 1994-02-04

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[11] **2,119,108**  
[13] C

[51] **Int.Cl. 5B65G 11/10 5B65B 11/14**  
[25] EN  
[54] **A TUBULAR SECTION**  
[54] **SECTION TUBULAIRE**  
[72] ANSON, Andrew Philip, CA  
[73] ANSON, Andrew Philip, CA  
[22] 1994-03-15  
[30] US (08/033,209) 1993-03-18

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[11] **2,126,435**  
[13] C

[51] **Int.Cl. 5E05F 11/04 5E04H 7/22**  
[25] EN  
[54] **APPARATUS FOR OPERATING BIN LID FROM BELOW**  
[54] **DISPOSITIF POUR ACTIONNER DEPUIS LE SOL LE COUVERCLE D'UN COMPARTIMENT DE STOCKAGE**  
[72] Pollock, Eugene B., US  
[73] Grain Systems, Inc., US  
[85] 1994-06-21  
[86] 1992-11-12 (PCT/US92/09700)  
[87] (WO93/13288)  
[30] US (811,615) 1991-12-23

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[11] **2,127,626**  
[13] C

[51] **Int.Cl. 5C11D 3/37 5C11D 3/08 5C11D 3/10**  
[25] FR  
[54] **PREFORMULATION POUR COMPOSITION DETERGENTE A BASE D'UN POLYIMIDE ET D'UN SILICATE**  
[54] **POLYIMIDE- AND SILICATE-BASED PREFORMULATION FOR A DETERGENT COMPOSITION**  
[72] Guerin, Gilles, FR  
[72] Ponce, Arnaud, FR  
[73] RHODIA CHIMIE, FR  
[22] 1994-07-08  
[30] FR (93 08 385) 1993-07-08

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[11] **2,128,280**  
[13] C

[51] **Int.Cl. 5B66D 1/26 5B62D 43/04**  
[25] EN  
[54] **SAFETY LATCH FOR A TIRE CARRIER AND IMPROVEMENTS THEREFOR**  
[54] **LOQUET DE SECURITE POUR SUPPORT DE PNEU ET AMELIORATIONS APORTEES A CE DISPOSITIF**  
[72] DOBMEIER, Ludwig P., CA  
[72] GREAVES, Jeffrey, CA  
[73] TKA FABCO CORP., CA  
[22] 1994-07-18

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[11] **2,129,172**  
[13] C

[51] **Int.Cl. 5C12N 15/56 5C12S 3/08 5D21C 9/10 5C12N 1/20 5C12N 9/24**  
[25] EN  
[54] **THERMOSTABLE XYLANASE DNA, PROTEIN AND METHODS OF USE**  
[54] **ENZYMES DE XYLANASE THERMOSTABLES ET METHODES D'UTILISATION**  
[72] BRZEZINSKI, Ryszard, CA  
[72] DERY, Claude V., CA  
[72] BEAULIEU, CAROLE, CA  
[73] UNIVERSITE DE SHERBROOKE, CA  
[22] 1994-07-29

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[11] **2,134,190**  
[13] C

[51] **Int.Cl. 5G01V 3/26 5G01R 33/02 5G01V 3/38**  
[25] EN  
[54] **METHOD OF CORRECTING FOR AXIAL ERROR COMPONENTS IN MAGNETOMETER READINGS DURING WELLBORE SURVEY OPERATIONS**  
[54] **METHODE PERMETTANT DE CORRIGER LES COMPOSANTES D'ERREURS AXIALES DANS DES LECTURES DE MAGNETOMETRE AU COURS DU LEVE D'UN Puits DE FORAGE**  
[72] DiPersio, Richard D., US  
[73] BAKER HUGHES INCORPORATED, US  
[22] 1994-10-24  
[30] US (08/155,027) 1993-11-19

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[11] **2,134,290**  
[13] C

[51] **Int.Cl. 5B05D 7/24 5B05D 1/00 5C08J 7/04 5B05D 3/14 5C08J 7/16 5B65D 65/42**  
[25] FR  
[54] **PROCEDE DE DEPOT D'UNE COUCHE MINCE SUR LA SURFACE D'UN SUBSTRAT EN MATIERE PLASTIQUE**  
[54] **PROCESS FOR DEPOSITING A THIN LAYER ON THE SURFACE OF A PLASTIC MATERIAL SUBSTRATE**  
[72] Verzaro, Francis, FR  
[72] Ferry, Didier, FR  
[73] ATOFINA, FR  
[22] 1994-10-25  
[30] FR (93 12 946) 1993-10-29

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[11] **2,139,625**  
[13] C  
[51] **Int.Cl. 6A23D 9/00 6B01J 13/02 6A61K 38/17 6A23L 1/30**  
[25] EN  
[54] **A MICROENCAPSULATED OIL OR FAT PRODUCT**  
[54] **PRODUIT A BASE D'HUILES OU DE GRAISSES, MICROENCAPSULE**  
[72] Skelbæk, Tove, DK  
[72] Andersen, Steen, DK  
[73] Danochemo A/S, DK  
[85] 1995-01-05  
[86] 1993-07-06 (PCT/DK93/00231)  
[87] (WO94/01001)  
[30] DK (0886/92) 1992-07-06

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[11] **2,141,382**  
[13] C  
[51] **Int.Cl. 6C08G 77/398 6C08G 77/38**  
[25] FR  
[54] **NOUVEAUX PHOTOAMORCEURS ORGANOMETALLIQUES POLYMERIQUES, LEURS PROCEDES DE PREPARATION, LES COMPOSITIONS POLYORGANOSILOXANES QUI LES COMPRENENT RETICULABLES SOUS IRRADIATION UV OUFAISCEAU D'ELECTRONS**  
[54] **POLYMERIC ORGANOMETALLIC PHOTINITIATORS; PROCESS FOR PREPARING THE SAME; UV OR ELECTRON BEAM CURABLE POLYORGANOSILOXANE COMPOSITIONS CONTAINING THE SAME**  
[72] Priou, Christian, FR  
[73] RHODIA CHIMIE, FR  
[22] 1995-01-30  
[30] FR (94 01 239) 1994-01-31

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[11] **2,142,869**  
[13] C  
[51] **Int.Cl. 6C07D 487/04 6C07D 519/00 6C07F 7/10**  
[25] EN  
[54] **TRIFLUOROMETHYLPYRROLOINDO LECARBOXYLIC ACID ESTER AND PROCESS FOR PRODUCTION THEREOF**  
[54] **ESTER D'ACIDE TRIFLUOROMETHYLPYRROLO-INDOLECARBOXYLIQUE; METHODE DE PREPARATION**  
[72] Terashima, Shiro, JP  
[72] Fukuda, Yasumichi, JP  
[72] Oomori, Yasuo, JP  
[73] KYORIN PHARMACEUTICAL CO., LTD., JP  
[73] Sagami Chemical Research Center, JP  
[85] 1995-02-20  
[86] 1993-08-19 (PCT/JP93/01159)  
[87] (WO94/04535)  
[30] JP (Hei 4-222862) 1992-08-21  
[30] JP (Hei 5-204255) 1993-08-18

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[11] **2,143,766**  
[13] C  
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[54] **LOCALISATEUR DE CIRCUITS**  
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[72] Horning, Sandra J., US  
[72] Wyatt, Gerald A., US  
[72] Reisem, Daniel E., US  
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
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[25] FR  
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[54] **SWITCHING POWER SUPPLY ADAPTED FOR REDUCED VOLTAGE COMMUNICATION**  
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[73] ALCATEL CONVERTERS, FR  
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[51] **Int.Cl. 6G01R 29/08 6G01R 15/24**  
[25] EN  
[54] **OPTICAL ELECTRIC FIELD SENSOR USING OPTICAL COMPONENTS HAVING ELECTROOPTICAL EFFECT.**  
[54] **DETECTEUR DE CHAMPS ELECTRIQUES OPTIQUES UTILISANT DES COMPOSANTS UNE ACTION ELECTRO-OPTIQUE**  
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[72] Tanabe, Takanobu, JP  
[73] TOKIN CORPORATION, JP  
[85] 1995-03-07  
[86] 1994-07-07 (PCT/JP94/01102)  
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[13] C  
[51] **Int.Cl. 6B65G 57/03**  
[25] FR  
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[72] Flix, Jean-Marie, FR  
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[51] **Int.Cl. 6G05D 5/00 6G01B 11/06**  
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[54] **MESURE ET CONTROLE DE LA FABRICATION D'UN MATERIAU EN TISSU AU MOYEN D'UN RESEAU DE CAPTEURS AU MOINS**  
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[54] **BOITE AVEC MOYENS DE FERMETURE ET DE PRESENTATION AMELIORES**  
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[72] Hodge, Melanie B., US  
[72] Powell, Kathryn A., US  
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[30] US (08/230,072) 1994-04-20

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[51] **Int.Cl. 6A23G 1/00 6A23G 1/02**  
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[54] **REDUCED FAT CONFECTIONERY PRODUCTS AND PROCESS**  
[54] **PRODUITS DE CONFISERIE A TENEUR REDUITE EN MATIERES GRASSES ET PROCEDE DE FABRICATION DE CES PRODUITS**  
[72] St. John, James F., US  
[72] Fetterhoff, John G., US  
[72] Carpenter, John R., US  
[72] Brown, B. Douglas, US  
[72] Azzara, C. Daniel, US  
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[72] Ardaud, Pierre, FR  
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[72] Fernandez, Ben, US  
[72] Elsen, Raymond, US  
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[72] Silva, Lalith, US  
[72] Washington, George, US  
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[73] NEC CORPORATION, JP  
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[72] Brownhill, Robert, US  
[73] MARCONI COMMUNICATIONS, INC., US  
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[13] C

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[54] **ELECTRIC FIELD SENSOR CAPABLE OF RELIABLY MEASURING AN ELECTRIC FIELD INTENSITY OF A SIGNAL**  
[54] **CAPTEUR DE CHAMP ELECTRIQUE POUVANT MESURER DE FACON FIABLE L'INTENSITE DE CHAMP ELECTRIQUE D'UN SIGNAL**  
[72] Muramatsu, Ryoji, JP  
[73] TOKIN CORPORATION, JP  
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[73] Direct Trends International Ltd., CA  
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[73] TRICO PRODUCTS CORPORATION, US  
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[54] **RECEPTEURS RADIO MOBILES UTILISANT LA DIVERSITE TEMPORELLE POUR EVITER LES PANNES DE SERVICE DANS LES SYSTEMES DE RADIODIFFUSION MULTICANAL**  
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[72] Alton, Noyal John Jr., US  
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[13] C

[51] **Int.Cl. 6A61K 7/13**  
[25] FR  
[54] **COMPOSITION DE TEINTURE D'OXYDATION DES FIBRES KERATINIQUES COMPRENANT UNE ASSOCIATION D'AU MOINS DEUX DERIVES PARTICULIERS DE PARAPHENYLENEDIAMINE ET UTILISATION**  
[54] **OXIDATION DYEING COMPOSITION FOR KERATINIC FIBERS CONTAINING AN ASSOCIATION OF AT LEAST TWO PARAPHENYLENEDIAMINE DERIVATIVES AND USE THEREOF**  
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[13] C

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[25] FR  
[54] **LATEX ET MELANGES DE LATEX ACRYLIQUES ET METHACRYLIQUES FLUORES, LEURS PROCEDES DE FABRICATION ET LEURS APPLICATIONS DANS LE DOMAINE DES REVETEMENTS HYDROPHOBES**  
[54] **LATEX AND FLUORINATED ACRYLIC AND METHACRYLIC LATEX BLENDS; PROCESS FOR PRODUCING THEM AND USE THEREOF IN HYDROPHOBIC COATINGS**  
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[54] **METHODE POUR LE TRAITEMENT DES DECHETS PROVENANT DES ACIERIES**  
[72] KROFCHAK, David, CA  
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[13] C

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[13] C

[51] **Int.Cl. 6H04Q 7/32**  
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[72] Morimoto, Yoshio, JP  
[72] Shio, Kiyomi, JP  
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[72] Mizoguchi, Toshiaki, JP  
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[13] C

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[25] EN  
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[54] **SYSTEME DE COMMUNICATION A REDONDANCE INTEGRALE UTILISANT UNE LIGNE DE TRANSMISSION RAYONNANTE**  
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[72] Morrell, Kenneth John, CA  
[73] MINE RADIO SYSTEMS INC., CA  
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[13] C

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[73] DAVY MCKEE (STOCKTON) LIMITED, GB  
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[13] C

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[25] EN  
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[72] Dow, Randall P., US  
[73] FRAMATOME TECHNOLOGIES, INC., US  
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[22] 1996-02-21  
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[13] C

[51] **Int.Cl. 6A61K 31/57 6A61K 47/32**  
[25] EN  
[54] **NOVEL METHOD OF PROGESTERONE DELIVERY AND AFFECT THEREOF**  
[54] **NOUVELLE METHODE D'ADMINISTRATION DE LA PROGESTERONE, REDUISANT LE RISQUE D'EFFETS SECONDAIRES**  
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[73] COLUMBIA LABORATORIES (BERMUDA) LIMITED, BM  
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[73] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US  
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[87] (WO95/11007)  
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[72] Ouellet, Alain Gerard, CA  
[72] Peruzzini, Walter, CA  
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[73] CANADIAN SPACE AGENCY, CA  
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[13] C

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[72] NICOLA, ANTONIO PIETRO, CA  
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[72] CREED, BETH LORRAINE, CA  
[72] LAW, DAVID JOHN, CA  
[72] SANGER, ALAN RODNEY, CA  
[72] Cavell, Ronald George, CA  
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[25] EN  
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[54] MODULE ELECTRONIQUE POUR PARCOMETRE ORDINAIRE  
[72] DEE, Mark R., CA  
[72] RICHARD, James J., CA  
[73] METERVISION.COM INC., CA  
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[13] C

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[25] EN  
[54] METHOD AND APPARATUS FOR UNIFORMLY TEXTURIZING OBJECTS USING ABRASIVE BLASTING  
[54] PROCEDE ET DISPOSITIF PERMETTANT D'OBTENIR UNE TEXTURE DE SURFACE UNIFORME PAR GRENAILLAGE A L'AIR COMPRIME  
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[73] Masonry Processes, Inc., US  
[22] 1996-06-14  
[30] US (08/491,525) 1995-06-16

[11] 2,181,333  
[13] C

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[54] PROCEDE ET SYSTEME POUR COMMANDER UN BUS MTA A MULTIPLEXAGE STATISTIQUE  
[72] Flinck, Hannu, FI  
[72] Kaukanen, Osmo, FI  
[72] Ylönen, Timo, FI  
[72] Seppänen, Juha, FI  
[73] NOKIA TELECOMMUNICATIONS OY, FI  
[85] 1996-07-16  
[86] 1995-01-13 (PCT/FI95/00012)  
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[30] FI (940220) 1994-01-17

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[13] C

[51] Int.Cl. 6C07K 14/575 6C07K 1/04 6C07K 7/04 6C07K 1/06  
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BONE INCLUDING A CORTICAL BONE  
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PORTION  
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SYSTEM  
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IMINOPEPTIDASE AND OTHER  
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[25] FR  
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REVETEMENT DE PROTECTION SUR  
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[54] APPAREIL SERVANT A ELIMINER  
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[11] **2,208,513**  
[13] C

[51] **Int.Cl. 6H04B 1/18**  
[25] EN  
[54] **RECEIVER WITH AN ANTENNA**  
**SWITCH, IN WHICH SENSITIVITY**  
**AND QUALITY OF RECEPTION IS**  
**IMPROVED**  
[54] **RECEPTEUR AVEC**  
**COMMUTATEUR D'ANTENNE POUR**  
**ACCROITRE LA SENSIBILITE ET**  
**AMELIORER LA QUALITE DE**  
**RECEPTION**  
[72] TSUJI, Kazushi, JP  
[73] NEC CORPORATION, JP  
[22] 1997-06-20  
[30] JP (161716/1996) 1996-06-21

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[11] **2,208,821**  
[13] C

[51] **Int.Cl. 6H04L 12/56 6H04Q 7/30**  
[25] EN  
[54] **WIRELESS SERVICES**  
**DISTRIBUTION SYSTEM**  
[54] **SYSTEME DE DISTRIBUTION DE**  
**SERVICES SANS FIL**  
[72] JAISINGH, Gopal K., US  
[72] SCHROEDER, Robert Edward, US  
[73] AT&T CORP., US  
[22] 1997-06-25  
[30] US (683,338) 1996-07-18

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[11] **2,210,001**  
[13] C

[51] **Int.Cl. 6B62B 3/02 6B62B 3/16**  
[25] EN  
[54] **BOX FOR USE WITH A DOLLY**  
**AND BOX AND DOLLY SYSTEM**  
[54] **CHARIOT ET CASIER UTILISE**  
**AVEC LE CHARIOT**  
[72] CINO, Nadine, US  
[72] SPINDEL, Martin, US  
[73] CINO, Nadine, US  
[73] SPINDEL, Martin, US  
[85] 1997-07-09  
[86] 1996-01-11 (PCT/US96/00421)  
[87] (WO96/21591)  
[30] US (08/370,420) 1995-01-09

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[11] **2,210,026**  
[13] C

[51] **Int.Cl. 6E05C 3/14**  
[25] EN  
[54] **PICK-RESISTANT LOCK**  
**ACTUATOR**  
[54] **LEVIER DE COMMANDE POUR**  
**LOQUET DE FENETRE ANTI-**  
**CROCHETAGE**  
[72] PILTINGSRUD, Stephen M., US  
[73] TRUTH HARDWARE  
CORPORATION, US  
[22] 1997-07-15  
[30] US (08/812,599) 1997-03-07

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[11] **2,210,113**  
[13] C

[51] **Int.Cl. 6H05K 9/00 6B23P 11/00**  
**6H01Q 15/00 6H01Q 17/00**  
[25] EN  
[54] **PASSIVE MICROWAVE**  
**STRUCTURES AND METHODS**  
**HAVING REDUCED PASSIVE**  
**INTERMODULATION**  
[54] **STRUCTURES A MICRO-ONDES**  
**PASSIVES ET METHODES**  
**PERMETTANT DE REDUIRE**  
**L'INTERMODULATION A L'ETAT**  
**PASSIF**  
[72] CAMPBELL, Ronald M., US  
[72] COLEMAN, Lee E., US  
[72] GRALL, Michael J., US  
[73] THE BOEING COMPANY, US  
[22] 1997-07-09  
[30] US (699,748) 1996-08-20

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[13] C  
[51] Int.Cl. 6H04N 7/26 6G09G 5/36  
6H04N 7/56  
[25] EN  
[54] FRAME BUFFER FOR  
MULTIMEDIA TERMINAL  
[54] MEMOIRE VIDEO POUR  
TERMINAL MULTIMEDIA  
[72] RISTAU, GERHARD R., CA  
[73] IBM CANADA LIMITED-IBM  
CANADA LIMITEE, CA  
[22] 1997-07-11

[11] 2,210,971  
[13] C  
[51] Int.Cl. 6A61K 7/46 6A61K 7/06  
6A61K 7/32 6A61K 7/42 6A61K 7/48  
[25] EN  
[54] PERSONAL TREATMENT  
COMPOSITIONS AND/OR COSMETIC  
COMPOSITIONS CONTAINING  
ENDURING PERFUME  
[54] COMPOSITIONS D'HYGIENE  
PERSONNELLE ET/OU  
COMPOSITIONS COSMETIQUES  
CONTENANT UN PARFUM TENACE  
[72] BACON, Dennis Ray, US  
[72] TRINH, Toan, US  
[72] TRANDAI, Angie, US  
[73] THE PROCTER & GAMBLE  
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[85] 1997-07-21  
[86] 1995-09-18 (PCT/US95/11897)  
[87] (WO96/12468)  
[30] US (326,457) 1994-10-20

[11] 2,211,021  
[13] C  
[51] Int.Cl. 6C21B 13/00  
[25] EN  
[54] METHOD AND DEVICE FOR  
COOLING HOT BRIQUETTED  
SPONGY IRON  
[54] PROCEDE ET DISPOSITIF POUR  
REFROIDIR DU FER SPONGIEUX  
CHAUD BRIQUETE  
[72] CIP, Gerhard, AT  
[72] HIMMEL, Anton, AT  
[72] SACHSENHOFER, Roland, AT  
[72] KEPPLINGER, Leopold Werner, AT  
[72] WHIPP, Roy Hubert Jr., AT  
[72] ZIMMERBAUER, Karl-Heinz, AT  
[73] BRIFER INTERNATIONAL LTD., BB  
[73] VOEST-ALPINE  
INDUSTRIEANLAGENBAU GMBH, AT  
[85] 1997-07-21  
[86] 1996-01-22 (PCT/AT96/00008)  
[87] (WO96/23081)  
[30] AT (A 106/95) 1995-01-23

[11] 2,211,513  
[13] C  
[51] Int.Cl. 6B02C 23/24 6F23C 11/02  
[25] EN  
[54] METHOD AND APPARATUS FOR  
THE DRY GRINDING OF SOLIDS  
[54] METHODE ET INSTALLATION  
POUR LE BROYAGE DE SOLIDES EN  
VOIE SECHE  
[72] CSENDES, Ernest, US  
[73] CSENDES, Ernest, US  
[22] 1997-07-25

[11] 2,211,841  
[13] C  
[51] Int.Cl. 6E02B 5/08  
[25] EN  
[54] OVERFLOW WATER SCREENING  
APPARATUS  
[54] POSTE DE DEGRILLAGE DE  
TROP-PLEIN  
[72] FILION, Gilles, CA  
[73] JOHN MEUNIER INC., CA  
[22] 1997-07-29  
[30] US (08/689,590) 1996-08-12

[11] 2,214,387  
[13] C  
[51] Int.Cl. 6A01N 35/10 6A01N 43/14  
6A01N 43/56 6A01N 43/80  
[25] EN  
[54] STABLE SOLID FORMULATIONS  
OF CYCLOHEXENONE OXIME ETHER  
HERBICIDES  
[54] FORMULATIONS SOLIDES ET  
STABLES D'HERBICIDES A BASE DE  
CYCLOHEXENONOXIMETHER  
[72] BRATZ, Matthias, DE  
[72] JÄGER, Karl-Friedrich, DE  
[72] BERGHAUS, Rainer, DE  
[72] ZIEGLER, Hans, DE  
[73] BASF AKTIENGESELLSCHAFT, DE  
[85] 1997-09-15  
[86] 1996-03-12 (PCT/EP96/01046)  
[87] (WO96/29869)  
[30] DE (19510887.6) 1995-03-24

[11] 2,214,557  
[13] C  
[51] Int.Cl. 6C01B 23/00  
[25] EN  
[54] PROCESS FOR ARGON  
PURIFICATION  
[54] METHODE POUR LA  
PURIFICATION DE L'ARGON  
[72] TSENG, James K., US  
[72] JAIN, Ravi, US  
[73] THE BOC GROUP, INC., US  
[22] 1997-09-02  
[30] US (08/719,832) 1996-09-30

[11] 2,215,333  
[13] C  
[51] Int.Cl. 6C07D 403/06 6C07D 403/14  
6C07D 209/20 6C07D 209/26 6A61K 31/  
405 6A61K 31/495  
[25] EN  
[54] HETEROCYCLIC SUBSTITUTED  
PIPERAZINONE DERIVATIVES AS  
TACHYKININ RECEPTOR  
ANTAGONISTS  
[54] DERIVES DE PIPERAZINONE  
HETEROCYCLIQUES SUBSTITUES  
AGISSANT COMME ANTAGONISTES  
DU RECEPTEUR DE TACHYKININE  
[72] LE, Tieu-Binh, US  
[72] BURKHOLDER, Timothy P., US  
[72] KUDLACZ, Elizabeth M., US  
[73] AVENTIS PHARMACEUTICALS  
INC., US  
[85] 1997-09-15  
[86] 1996-02-06 (PCT/US96/01437)  
[87] (WO96/28441)  
[30] US (08/404,788) 1995-03-15

[11] 2,215,620  
[13] C  
[51] Int.Cl. 6H04Q 7/38 6H04Q 7/24  
[25] EN  
[54] CONDUCTING HANDOFF OF A  
DATA TRANSMISSION  
[54] PROCEDE DE TRANSFERT DE  
TRANSMISSION DE DONNEES  
[72] LADDEN, Gregory C., US  
[72] ROSSWOG, Joe, US  
[72] JAYAPALAN, Jay, US  
[73] MOTOROLA, INC., US  
[85] 1997-09-16  
[86] 1996-11-26 (PCT/US96/19014)  
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[30] US (08/594,081) 1996-01-30

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[13] C

[51] **Int.Cl. 6H04M 1/57**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PROVIDING A CALLER ID ALIAS**  
[54] **METHODE ET APPAREIL POUR AFFICHER UN PSEUDONYME**  
[72] RHODES, Jeffrey, US  
[73] AT&T WIRELESS SERVICES, INC., US  
[22] 1997-09-19  
[30] US (728,293) 1996-10-08

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[13] C

[51] **Int.Cl. 6H04Q 7/38 6H04B 15/00**  
[25] EN  
[54] **TDM-BASED FIXED WIRELESS LOOP SYSTEM**  
[54] **RESEAU BOUCLE FIXE SANS FIL MRT**  
[72] VALENZUELA, Reinaldo A., US  
[72] WRIGHT, Gregory Alan, US  
[72] AVIDOR, Dan, US  
[72] SIZER, Theodore II, US  
[72] KASTURIA, Sanjay, US  
[73] LUCENT TECHNOLOGIES, INC., US  
[22] 1997-09-29  
[30] US (745,382) 1996-11-08

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[13] C

[51] **Int.Cl. 6B60T 8/86**  
[25] EN  
[54] **WHEEL SLIP CONTROL PARAMETER VARIATION PROCESS**  
[54] **PROCESSUS DE VARIATION DE PARAMETRES DE DISPOSITIF ANTI-BLOQUEUR**  
[72] SCHWEIKERT, David E., US  
[72] WOOD, James A., US  
[73] WESTINGHOUSE AIR BRAKE COMPANY, US  
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[30] US (852,799) 1997-05-07

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[51] **Int.Cl. 6A62C 37/11**  
[25] EN  
[54] **FIRE PROTECTION PREACTION AND DELUGE CONTROL ARRANGEMENTS**  
[54] **SYSTEME D'EXTINCTEURS AUTOMATIQUES DE TYPE DELUGE, A PREACTION**  
[72] BEUKEMA, John A., US  
[72] MULTER, Thomas L., US  
[73] The Reliable Automatic Sprinkler Co., Inc., US  
[22] 1997-10-27  
[30] US (08/739,552) 1996-10-30

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[13] C

[51] **Int.Cl. 6C09J 133/06 6C09J 131/02**  
[25] EN  
[54] **WATER BORNE PRESSURE SENSITIVE ADHESIVE COMPOSITIONS DERIVED FROM COPOLYMERS OF HIGHER VINYL ESTERS**  
[54] **COMPOSITIONS D'ADHESIFS AUTOCOLLANTS AQUEUX DERIVEES DE COPOLYMERES D'ESTERS DE VINYLE SUPERIEUR**  
[72] KEM, Kenneth Merle, US  
[72] MAO, Chung-Ling, US  
[73] AIR PRODUCTS AND CHEMICALS, INC., US  
[22] 1997-11-05  
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[13] C

[51] **Int.Cl. 6B05B 5/08 6B05B 15/04**  
[25] EN  
[54] **ELECTROSTATIC POWDER COATING SYSTEM AND METHOD**  
[54] **SYSTEME ET METHODE DE POUDRAGE ELECTROSTATIQUE**  
[72] THORN, Robert M., US  
[72] MERRITT, Christopher R., US  
[73] ILLINOIS TOOL WORKS INC., US  
[22] 1997-11-06  
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[13] C

[51] **Int.Cl. 6G01R 25/00**  
[25] EN  
[54] **DIGITAL PHASE DETECTOR EMPLOYING A DIGITALLY CONTROLLABLE DELAY LINE**  
[54] **DETECTEUR DE PHASE NUMERIQUE DANS LEQUEL UNE LIGNE DE TEMPORISATION A COMMANDE NUMERIQUE EST UTILISEE**  
[72] HAMILTON, Michael M., US  
[72] ZAMPETTI, George P., US  
[72] MERRISS, Morley M., US  
[73] SYMMETRICOM, INC., US  
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[86] 1996-06-05 (PCT/US96/08937)  
[87] (WO96/41418)  
[30] US (08/472,214) 1995-06-07

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[13] C

[51] **Int.Cl. 6C08L 67/02 6C08L 23/08 6C08K 5/12**  
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[54] **COMPOSITION DE RESINE DE POLYESTER RESISTANT AUX FLAMMES**  
[72] KOBAYASHI, Toshikazu, JP  
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 1997-11-07  
[86] 1996-05-08 (PCT/US96/06532)  
[87] (WO96/35754)  
[30] JP (95/110804) 1995-05-09

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[13] C

[51] **Int.Cl. 6H04L 12/12 6H04L 12/24 6H04L 12/56**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DATA NETWORK CALL PROCESSING**  
[54] **METHODE ET APPAREIL DE TRAITEMENT DES APPELS POUR RESEAU DE TRANSMISSION DE DONNEES**  
[72] AMIN, Umesh J., US  
[73] AT&T WIRELESS SERVICES, INC., US  
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6B60K 23/04 6F16H 48/26  
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SYSTEM IN VEHICLE  
[54] SYSTEME DE CONTROLE DU  
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[72] SHIBAHATA, Yasuji, JP  
[73] HONDA GIKEN KOGYO  
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[30] JP (301519/96) 1996-11-13  
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[51] Int.Cl. 6F16J 15/54 6F01D 11/00  
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[25] EN  
[54] A MECHANICAL SEAL  
[54] JOINT MECANIQUE  
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[73] ITT MANUFACTURING  
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[13] C  
[51] Int.Cl. 6H04B 1/62 6H03F 1/32  
[25] EN  
[54] AUTOMATIC PREDISTORTION  
ADJUSTING CIRCUIT HAVING  
STABLE NON-LINEAR  
CHARACTERISTICS REGARDLESS OF  
INPUT SIGNAL FREQUENCY  
[54] CIRCUIT DE REGLAGE  
AUTOMATIQUE DE PREDISTORSION  
DEMONTRANT DES  
CARACTERISTIQUES NON  
LINEAIRES STABLES SANS EGARD A  
LA FREQUENCE DU SIGNAL  
D'ENTREE  
[72] FUKUCHI, Akio, JP  
[73] NEC CORPORATION, JP  
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[13] C  
[51] Int.Cl. 6H01H 1/00 6H01H 11/00  
6H01H 11/04 6H01H 1/60  
[25] EN  
[54] SWITCHING APPARATUS AND  
ACTIVATION SUPPRESSION METHOD  
FOR ELECTRIC CONTACT  
[54] APPAREIL DE COMMUTATION  
ET METHODE DE SUPPRESSION  
D'ACTIVATION POUR UN CONTACT  
ELECTRIQUE  
[72] TAKAHASHI, Katsuya, JP  
[72] TAKAHASHI, Yukihiko, JP  
[72] MORI, Shigeyuki, JP  
[72] SUGAWARA, Kazushi, JP  
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[51] Int.Cl. 6H04N 7/18 6H04N 5/232  
[25] EN  
[54] MONITOR CAMERA  
TRANSPORTING APPARATUS BY  
MEANS OF COMPRESSED AIR  
[54] APPAREIL PERMETTANT LE  
DEPLACEMENT D'UNE CAMERA DE  
SURVEILLANCE AU MOYEN D'AIR  
COMPRIME  
[72] KONNO, Kenichi, JP  
[73] DAIKENKOJI CO. LTD., JP  
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[30] JP (HEI 8-320111) 1996-11-29

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[11] **2,221,924**  
[13] C  
[51] Int.Cl. 6A61K 7/32  
[25] EN  
[54] DEODORANT COSMETIC STICK  
PRODUCT  
[54] PRODUIT COSMETIQUE  
DESODORISANT EN BATON  
[72] BERGMANN, Wolfgang R., US  
[72] MURPHY, Richard T., US  
[72] LANCASTER, Linda J., US  
[73] CHURCH & DWIGHT COMPANY,  
INC., US  
[85] 1997-11-21  
[86] 1996-07-02 (PCT/US96/10964)  
[87] (WO97/03636)  
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[11] **2,221,936**  
[13] C  
[51] Int.Cl. 6A61F 13/58 6A61F 13/15  
[25] EN  
[54] METHOD FOR MANUFACTURING  
TAPE TAB FASTENERS  
[54] PROCEDE POUR FABRIQUER DES  
LANGUETTES ADHESIVES  
[72] GOULAIT, David Joseph Kenneth, US  
[72] CABELL, David William, US  
[73] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 1997-11-21  
[86] 1996-05-10 (PCT/US96/06714)  
[87] (WO96/37174)  
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[51] Int.Cl. 6H01H 9/00  
[25] EN  
[54] INSULATING COMPONENT FOR  
HIGH-VOLTAGE EQUIPMENT  
[54] ELEMENT ISOLANT POUR  
APPAREILS HAUTE TENSION  
[72] REINCKE, Frank, DE  
[72] TRAPP, Norbert, DE  
[73] SIEMENS AKTIENGESELLSCHAFT,  
DE  
[85] 1997-11-21  
[86] 1996-05-15 (PCT/DE96/00911)  
[87] (WO96/37902)  
[30] DE (195 19 992.8) 1995-05-24

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[11] **2,222,605**  
[13] C  
[51] Int.Cl. 6B41F 15/08 6B41F 15/10  
[25] EN  
[54] PROCESS AND MACHINE FOR  
DECORATING CONTAINERS OR  
SIMILAR ARTICLES  
[54] PROCEDE ET MACHINE POUR LA  
DECORATION DE RECIPIENTS OU  
ARTICLES SIMILAIRES  
[72] GUERRA-GARZA, Carlos, MX  
[72] MARROQUIN-GARZA, Elío, MX  
[73] VIDRIERA MONTERREY, S.A. DE  
C.V., MX  
[85] 1997-11-27  
[86] 1996-05-31 (PCT/MX96/00006)  
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[30] MX (952448) 1995-06-01

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[25] EN  
[54] **GRADIENT INTERFACE COMPOSITES AND METHODS THEREFOR**  
[54] **COMPOSITES A INTERFACES A GRADIENT ET PROCEDES CORRESPONDANTS**  
[72] TINOCO, Flavio, US  
[72] LEDDY, Johna, US  
[72] ZOOK, Lois Anne, US  
[72] AMARASINGHE, Sudath, US  
[73] THE UNIVERSITY OF IOWA RESEARCH FOUNDATION, US  
[85] 1997-11-27  
[86] 1996-06-07 (PCT/US96/10509)  
[87] (WO96/41391)  
[30] US (08/486,570) 1995-06-07  
[30] US (08/597,026) 1996-02-05  
[30] US (08/659,505) 1996-06-06

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[13] C

[51] **Int.Cl. 6G01R 31/3177**  
[25] EN  
[54] **CIRCUIT FOR EASILY TESTING A LOGIC CIRCUIT HAVING A NUMBER OF INPUT-OUTPUT PINS BY SCAN PATH**  
[54] **CIRCUIT PERMETTANT DE TESTER FACILEMENT UN CIRCUIT LOGIQUE AYANT UN CERTAIN NOMBRE DE BROCHES D'ENTREE-SORTIE A L'AIDE DE TRAJETS DE BALAYAGE**  
[72] MATSUZAWA, Hajime, JP  
[73] NEC CORPORATION, JP  
[22] 1997-11-28  
[30] JP (334689/1996) 1996-11-29

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[13] C

[51] **Int.Cl. 6B41F 1/40 6B41F 3/38**  
[25] EN  
[54] **IMAGE REVEALING SQUEEGEE DEVICE FOR AN ELECTROCOAGULATION PRINTING APPARATUS**  
[54] **DISPOSITIF A RACLETTE REVELATEUR D'IMAGE POUR APPAREIL D'IMPRESSION A ELECTROCOAGULATION**  
[72] CASTEGNIER, ADRIEN, CA  
[72] GADBOIS, GILLES, CA  
[72] DAVIDSON, NORMAND, CA  
[72] LAPLANTE, CHRISTIAN, CA  
[73] ELCORSY TECHNOLOGY INC., CA  
[22] 1997-12-10

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[11] **2,224,682**  
[13] C

[51] **Int.Cl. 6A61M 25/00 6A61M 37/00**  
[25] EN  
[54] **KINK-RESISTANT STEERABLE CATHETER ASSEMBLY FOR MICROWAVE ABLATION**  
[54] **ENSEMBLE CATHETER EVITANT LES COUDURES ET ORIENTABLE POUR ABLATION PAR MICRO-ONDES**  
[72] LENIHAN, Timothy J., US  
[72] LATZGO, Philip F., US  
[72] TAYLOR, Kevin, US  
[73] ARROW INTERNATIONAL INVESTMENT CORP., US  
[85] 1997-12-15  
[86] 1996-06-19 (PCT/US96/10579)  
[87] (WO97/01369)  
[30] US (08/495,356) 1995-06-27  
[30] US (08/534,345) 1995-09-27  
[30] US (08/619,912) 1996-03-20

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[11] **2,225,076**  
[13] C

[51] **Int.Cl. 6A61F 13/15**  
[25] EN  
[54] **ABSORBENT ARTICLES HAVING UNDERGARMENT COVERING COMPONENTS ESPECIALLY SUITED FOR FOLDING AROUND THE EDGES OF AN UNDERGARMENT**  
[54] **ARTICLES ABSORBANTS COMPORTANT DES ELEMENTS RECOUVRANT UN SOUS-VETEMENT SPECIALEMENT CONCUS POUR SE REPLIER SUR LES BORDS DE CE DERNIER**  
[72] LAVASH, Bruce William, DE  
[72] REDWINE, Nona Jane, US  
[72] WEINBERGER, Eric Patton, US  
[72] OLSEN, Robb Eric, US  
[72] HINES, Letha Margie, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
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[86] 1996-06-03 (PCT/US96/10198)  
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[13] C

[51] **Int.Cl. 6H01L 21/02**  
[25] EN  
[54] **PROCESS FOR PRODUCING SEMICONDUCTOR ARTICLE**  
[54] **PROCEDE DE PRODUCTION D'ARTICLES SEMI-CONDUCTEURS**  
[72] NISHIDA, Shoji, JP  
[72] YAMAGATA, Kenji, JP  
[72] YONEHARA, Takao, JP  
[72] SAKAGUCHI, Kiyofumi, JP  
[73] CANON KABUSHIKI KAISHA, JP  
[22] 1997-12-17  
[30] JP (8-354342) 1996-12-18

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[13] C

[51] **Int.Cl. 6B01D 53/047**  
[25] EN  
[54] **VACUUM/PRESSURE SWING ADSORPTION (VPSA) METHOD FOR PRODUCTION OF AN OXYGEN ENRICHED GAS**  
[54] **METHODE D'ADSORPTION MODULEE A VIDE/A PRESSION SERVANT A LA PRODUCTION D'UN GAZ ENRICHI D'OXYGENE**  
[72] LEAVITT, Frederick Wells, US  
[73] PRAXAIR TECHNOLOGY, INC., US  
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[54] DISPOSITIF DE VALIDATION DE MONNAIE POURVU D'UN COFFRET DE SECURITE  
[72] SCHWARTZ, Vladimir A., UA  
[72] BUCHMAN, Sergey N., UA  
[73] CASHCODE COMPANY INC., CA  
[85] 1998-01-13  
[86] 1996-07-11 (PCT/CA96/00461)  
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[30] US (08/502,099) 1995-07-13

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[51] Int.Cl. 6F16H 21/40 6B05B 15/06  
[25] EN  
[54] AN OSCILLATING STROKE RECIPROCATOR  
[54] DISPOSITIF DE DEPLACEMENT PAR MOUVEMENT ALTERNATIF D'UN POTEAU OSCILLANT  
[72] LUSH, Alan Charles, GB  
[73] ITW LIMITED, GB  
[22] 1998-01-14  
[30] GB (9700713.2) 1997-01-15

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[11] **2,228,043**  
[13] C  
[51] Int.Cl. 6A61F 13/46  
[25] EN  
[54] DIAPER HAVING A LOTIONED TOPSHEET COMPRISING A LIQUID POLYOL POLYESTER EMOLLIENT AND AN IMMOBILIZING AGENT  
[54] COUCHE DE BEBE A VOILE SUPERIEUR ENDUIT D'UNE LOTION CONTENANT UN AGENT EMOLLIENT A BASE DE POLYESTER DE POLYOL LIQUIDE ET D'UN AGENT IMMOBILISANT  
[72] ROE, Donald Carroll, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1998-01-28  
[86] 1996-07-25 (PCT/US96/12234)  
[87] (WO97/05909)  
[30] US (08/510,681) 1995-08-03

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[13] C  
[51] Int.Cl. 6G06K 9/56 6G06K 9/42 6G06K 9/44 6G06K 9/60  
[25] EN  
[54] APPARATUS FOR HIGH SPEED MORPHOLOGICAL PROCESSING  
[54] APPAREIL DE TRAITEMENT MORPHOLOGIQUE A GRANDE VITESSE  
[72] LEE, Shih-Jong J., US  
[72] STEPHANICK, James A., US  
[72] SCHMIDT, Robert C., US  
[73] NEOPATH, INC., US  
[85] 1998-01-28  
[86] 1996-07-24 (PCT/US96/12141)  
[87] (WO97/05564)  
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[13] C  
[51] Int.Cl. 6B01D 53/047  
[25] EN  
[54] SYSTEM FOR ENERGY RECOVERY IN A VACUUM PRESSURE SWING ADSORPTION APPARATUS  
[54] SYSTEME DE RECUPERATION D'ENERGIE DANS UN APPAREIL D'ADSORPTION MODULEE EN PRESSION SOUS VIDE  
[72] SMOLAREK, James, US  
[72] SINICROPI, Michael John, US  
[72] SCHAUB, Herbert Raymond, US  
[73] PRAXAIR TECHNOLOGY, INC., US  
[22] 1998-01-27  
[30] US (08/791,308) 1997-01-30

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[54] CASQUE A POINTURE UNIVERSELLE  
[72] IRVIN, Michael W., US  
[72] IDE, Thad M., US  
[72] MADDUX, Larry E., US  
[73] Schutt Athletic Sales Company, US  
[22] 1998-01-30  
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[51] Int.Cl. 6H05K 7/20 6H01L 23/34  
[25] EN  
[54] COOLING STRUCTURE FOR MULTI-CHIP MODULE  
[54] STRUCTURE DE REFROIDISSEMENT DE MODULE MULTIPUCE  
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[73] NEC CORPORATION, JP  
[22] 1998-02-02  
[30] JP (020574/97) 1997-02-03

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[51] Int.Cl. 6B62D 53/08  
[25] EN  
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[54] DEFLECTEUR ET CROCHET POUR PIVOT D'ATTELAGE D'UNE SELLETTE D'ATTELAGE  
[72] KAIM, John W., US  
[73] AMSTED INDUSTRIES INCORPORATED, US  
[22] 1998-03-11  
[30] US (08/818,571) 1997-03-14

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[13] C  
[51] Int.Cl. 6H04L 12/20 6H04L 1/22  
[25] EN  
[54] DATA TRANSMITTING METHOD, DATA TRANSMITTING SYSTEM TRANSMITTER, AND RECEIVER  
[54] PROCEDE DE TRANSMISSION DE DONNEES, SYSTEME DE TRANSMISSION DE DONNEES ET RECEPTEUR  
[72] OKUMURA, Yukihiro, JP  
[72] ADACHI, Fumiyuki, JP  
[73] NTT Mobile Communications Network Inc., JP  
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[86] 1997-06-23 (PCT/JP97/02145)  
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[30] JP (163,125/1996) 1996-06-24

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[25] EN  
[54] **LOW TEMPERATURE HYDROGEN COMBUSTION TURBINE**  
[54] **TURBINE A COMBUSTION D'HYDROGENE A BASSE TEMPERATURE**  
[72] JERICHA, Herbert, AT  
[72] UEMATSU, Kazuo, JP  
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[22] 1998-02-24

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[51] **Int.Cl. 6B01D 53/04**  
[25] EN  
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[54] **ADSORPTION PAR OSCILLATION DE LA TEMPERATURE**  
[72] GOLDEN, Timothy Christopher, US  
[72] ALLAM, Rodney John, GB  
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[73] AIR PRODUCTS AND CHEMICALS, INC., US  
[22] 1998-03-02  
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[13] C

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[25] EN  
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[72] MARKS, Joel Steven, US  
[73] WORKTOOLS, INC., US  
[85] 1998-03-30  
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[30] US (08/544,314) 1995-10-17  
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[13] C

[51] **Int.Cl. 6A23D 7/015 6A23C 15/16**  
[25] EN  
[54] **VEGETABLE AND DAIRY FAT BASED SPREAD**  
[54] **PATE A TARTINER A BASE DE GRAISSES VEGETALES ET ANIMALES**  
[72] RECKWEG, Freek, DE  
[73] UNILEVER PLC, GB  
[85] 1998-03-06  
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[30] GB (95202447.9) 1995-09-08

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[13] C

[51] **Int.Cl. 6C08F 2/34 6C08F 10/00 6C08F 4/69**  
[25] EN  
[54] **PROCESS CONTROL IN THE PRESENCE OF CHROMIUM BASED CATALYSTS**  
[54] **CONTROLE DE PROCEDE EN PRESENCE DE CATALYSEURS A BASE DE CHROME**  
[72] PARRISH, John R., US  
[72] LEE, Kiu H., US  
[72] SAMPLES, Paul K., US  
[72] HARTLEY, Ivan J., US  
[72] MATTHEWS, William A., US  
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[22] 1998-03-16  
[30] US (08/821,528) 1997-03-21

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[13] C

[51] **Int.Cl. 6C07C 53/122 6C07C 53/10 6C07C 51/41**  
[25] EN  
[54] **A CATALYZED PROCESS FOR PRODUCING METAL CARBOXYLATES FOR USE AS ANIMAL FEED SUPPLEMENTS**  
[54] **PROCEDE CATALYSE DE PRODUCTION DE CARBOXYLATES METALLIQUES UTILISABLES COMME COMPLEMENTES ALIMENTAIRES POUR ANIMAUX**  
[72] NELSON, Christopher E., US  
[72] CATRON, Douglas Howard, US  
[73] KEMIN INDUSTRIES, INC., US  
[85] 1998-03-18  
[86] 1996-09-10 (PCT/US96/14467)  
[87] (WO97/11082)  
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[13] C

[51] **Int.Cl. 6C10L 1/32**  
[25] EN  
[54] **NATURAL SURFACTANT WITH AMINES AND ETHOXYLATED ALCOHOL**  
[54] **SURFACTIF NATUREL AVEC DES AMINES ET UN ALCOOL ETHOXYLE**  
[72] RIVAS, Hercilio, VE  
[72] CARDENAS, Antonio E., VE  
[72] MORLES, Amanda, VE  
[72] GUTIERREZ, Xiomara, VE  
[73] INTEVEP, S.A., VE  
[22] 1998-03-19  
[30] US (08/822,232) 1997-03-21

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[13] C

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[25] EN  
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[54] **SYSTEME DE COMMUNICATION OPTIQUE**  
[72] WAKE, David, GB  
[73] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB  
[85] 1998-03-27  
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[30] GB (9520946.6) 1995-10-13  
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[13] C

[51] **Int.Cl. 6C11D 1/65 6C11D 1/86**  
[25] EN  
[54] **LIQUID LAUNDRY DETERGENTS CONTAINING SELECTED ALKYL AMIDOALKOYL QUATERNARY AMMONIUM COMPOUNDS**  
[54] **DETERGENTS LIQUIDES POUR LESSIVE, CONTENANT DES COMPOSES D'AMMONIUM QUATERNAIRE AMIDOALCOYLE ALKYLE SELECTIONNES**  
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[72] SIVIK, Mark R., US  
[72] RANDALL, Sherri L., US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1998-03-27  
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[87] (WO97/12020)  
[30] US (60/004,546) 1995-09-29

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[13] C

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[54] METHODE POUR TRAITER DES COMPLICATIONS LIEES AUX LESIONS DE LA CORNEE  
[72] SCANNON, Patrick J., US  
[73] XOMA CORPORATION, US  
[85] 1998-05-13  
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[87] (WO97/17990)  
[30] US (08/557,289) 1995-11-14

[11] 2,235,974  
[13] C

[51] Int.Cl. 6B05C 17/02  
[25] EN  
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[54] ROULEAU A PEINTURE AVEC ARMATURE S'ENGAGEANT EN GLISSANT DANS LE MANCHON  
[72] SHAFFER, Robert A., US  
[72] PRINS, David L., US  
[72] KRIKORIAN, Rand J., US  
[72] GILBERT, Anthony W., US  
[72] BARTON, William W., US  
[72] POLZIN, Bruce C., US  
[73] NEWELL OPERATING COMPANY, US  
[22] 1998-04-28  
[30] US (08/907,847) 1997-08-08

[11] 2,236,109  
[13] C

[51] Int.Cl. 6G01S 13/08 6E01C 23/01 6G01S 13/10  
[25] EN  
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[54] DISPOSITIF DE MESURE DE L'EPAISSEUR D'UN MEDIUM  
[72] WARD, Peter, GB  
[72] McGONNELL, Philip, GB  
[72] FRASER, Andrew John, GB  
[72] CORDES, Paul, GB  
[73] LATTICE INTELLECTUAL PROPERTY LTD., GB  
[85] 1998-04-29  
[86] 1996-11-01 (PCT/GB96/02692)  
[87] (WO97/16700)  
[30] GB (9522378.0) 1995-11-01

[11] 2,236,974  
[13] C

[51] Int.Cl. 6A61K 7/021 6A61K 7/48  
[25] EN  
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[54] COMPOSITIONS COSMETIQUES RESISTANT AU TRANSFERT  
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[72] RABE, Thomas Elliot, US  
[72] SMITH, Edward Dewey III, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1998-05-06  
[86] 1996-10-25 (PCT/US96/17152)  
[87] (WO97/17059)  
[30] US (60/006,273) 1995-11-07  
[30] US (60/008,552) 1995-12-13

[11] 2,237,550  
[13] C

[51] Int.Cl. 6H01P 5/04  
[25] EN  
[54] ADJUSTABLE COUPLING LOOP  
[54] BOUCLE DE COUPLAGE REGLABLE  
[72] CLERMONT, Craig Robert, US  
[73] ILLINOIS SUPERCONDUCTOR CORPORATION, US  
[85] 1998-05-12  
[86] 1996-11-07 (PCT/US96/17987)  
[87] (WO97/18599)  
[30] US (08/558,009) 1995-11-13

[11] 2,237,824  
[13] C

[51] Int.Cl. 6G02B 5/24 6B23K 26/00 6B29C 65/14  
[25] EN  
[54] WELDING METHOD AND APPARATUS  
[54] METHODE ET APPAREIL DE SOUDAGE  
[72] LOVETT, Donald C., US  
[73] BRANSON ULTRASONICS CORPORATION, US  
[22] 1998-06-22  
[30] US (08/890,323) 1997-07-09

[11] 2,237,832  
[13] C

[51] Int.Cl. 6G02B 5/22 6B23K 26/00 6B29C 65/14  
[25] EN  
[54] WELDING METHOD AND APPARATUS  
[54] METHODE ET APPAREIL DE SOUDAGE  
[72] GREWELL, David A., US  
[72] LOVETT, Donald C., US  
[73] BRANSON ULTRASONICS CORPORATION, US  
[22] 1998-06-22  
[30] US (08/890,322) 1997-07-09

[11] 2,237,871  
[13] C

[51] Int.Cl. 6E04F 19/00 6F21S 1/02 6A47B 96/06 6E04B 1/38  
[25] EN  
[54] EXTERIOR MOUNTING PLATE ASSEMBLY  
[54] PLAQUE DE FIXATION EXTERIEURE  
[72] LACY, Michael A., US  
[73] VANTAGE PRODUCTS CORPORATION, US  
[22] 1998-05-19  
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[11] 2,238,386  
[13] C

[51] Int.Cl. 6B29C 65/08  
[25] EN  
[54] METHOD AND APPARATUS FOR WELDING HARD RESIN PRODUCT TO SUBSTRATE, METHOD OF MANUFACTURING WINDOW GLASS AND WINDOW GLASS  
[54] PROCEDE ET APPAREIL DE SOUDAGE D'UN ARTICLE EN RESINE DURE SUR UN SUBSTRAT, PROCEDE DE FABRICATION DE VITRAGES, ET VITRAGES AINSI OBTENUS  
[72] FUJIWARA, Kousyun, JP  
[72] SASAKI, Yoshio, JP  
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
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[25] EN  
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[54] **STRUCTURES DE PAROIS POUR PISCINES**  
[72] WILSON, Jean, CA  
[73] KAFKO INTERNATIONAL INC., CA  
[85] 1998-05-25  
[86] 1996-06-21 (PCT/CA96/00424)  
[87] (WO97/02398)  
[30] US (08/498,576) 1995-07-06

[11] **2,241,151**  
[13] C

[51] **Int.Cl. 6G06K 9/46 6G06F 17/30**  
[25] EN  
[54] **IMAGE PROCESSING APPARATUS**  
[54] **APPAREIL DE TRAITEMENT D'IMAGES**  
[72] TAKATSUTO, Hiroaki, JP  
[72] KATSUMURA, Noriyoshi, JP  
[73] CASIO COMPUTER CO., LTD., JP  
[85] 1998-06-22  
[86] 1997-11-11 (PCT/JP97/04093)  
[87] (WO98/22888)  
[30] JP (8-318609) 1996-11-15

[11] **2,241,366**  
[13] C

[51] **Int.Cl. 6A61M 1/14**  
[25] EN  
[54] **BLOOD OXYGENATOR WITH HEAT EXCHANGER**  
[54] **OXYGENATEUR DE SANG AVEC ECHANGEUR THERMIQUE**  
[72] ELGAS, Roger J., US  
[72] COREY, Edmund R., Jr., US  
[72] GREMEL, Robert F., US  
[72] HAMLIN, Robert C., US  
[73] MEDTRONIC, INC., US  
[85] 1998-06-22  
[86] 1997-01-07 (PCT/US97/00069)  
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[30] US (08/585,322) 1996-01-11  
[30] US (08/586,163) 1996-01-11  
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[11] **2,242,243**  
[13] C

[51] **Int.Cl. 6B22D 11/10 6B22D 41/54**  
[25] EN  
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[54] **BUSETTE POUR COULEE CONTINUE D'ACIER**  
[72] LIN, Wei, JP  
[72] NOMURA, Osamu, JP  
[72] NAKAMURA, Ryosuke, JP  
[73] SHINAGAWA REFRACTORIES CO., LTD., JP  
[85] 1998-07-03  
[86] 1997-11-14 (PCT/JP97/04162)  
[87] (WO98/22243)  
[30] JP (8/306656) 1996-11-18

[11] \* **2,242,724**  
[13] C

[51] **Int.Cl. 6H03F 1/30**  
[25] EN  
[54] **ADAPTIVE BANDWIDTH STABILIZATION FOR AN INTEGRATED CIRCUIT AMPLIFIER**  
[54] **STABILISATION ADAPTATIVE DE LONGUEUR DE BANDE POUR AMPLIFICATEUR A CIRCUITS INTEGRES**  
[72] ANANTH, Ravi Shankar, CA  
[73] IBM CANADA LIMITED-IBM CANADA LIMITEE, CA  
[22] 1998-07-09

[11] **2,244,381**  
[13] C

[51] **Int.Cl. 6H04L 29/02 6H04L 12/24 6H04B 1/66**  
[25] EN  
[54] **A METHOD AND APPARATUS FOR DYNAMIC DATA TRANSFER**  
[54] **METHODE ET APPAREIL DE TRANSFERT DYNAMIQUE DE DONNEES**  
[72] RABINOVICH, Michael, US  
[72] HARO, Antonio, US  
[72] DOUGLIS, Frederick, US  
[73] AT&T CORP., US  
[22] 1998-07-27  
[30] US (60/054,366) 1997-07-31  
[30] US (08/982,308) 1997-12-01

[11] **2,244,426**  
[13] C

[51] **Int.Cl. 6H01R 23/10 6H01R 17/18**  
[25] EN  
[54] **SOLDERLESS MOUNTABLE INSULATION DISPLACEMENT CONNECTOR**  
[54] **CONNECTEUR AUTODENUDANT MONTABLE SANS SOUDURE**  
[72] GERMAN, Michael Gregory, US  
[72] ARNETT, Jaime Ray, US  
[72] GUELLEN, Ronald Herbert, US  
[72] WRIGHT, STANLEY E., US  
[73] LUCENT TECHNOLOGIES, INC., US  
[22] 1998-07-30  
[30] US (08/918,844) 1997-08-26

[11] **2,245,271**  
[13] C

[51] **Int.Cl. 6G11C 5/00 6G11C 8/00 6G11C 29/00 6G11C 17/08 6G11C 11/34**  
[25] EN  
[54] **METHOD FOR CONTROLLING NON-VOLATILE SEMICONDUCTOR MEMORY SYSTEM**  
[54] **METHODE POUR CONTROLER UNE MEMOIRE A SEMI-CONDUCTEUR NON VOLATILE**  
[72] YATABE, Makoto, JP  
[72] TANAKA, Yoshiyuki, JP  
[72] SATO, Takeaki, JP  
[72] KAWAMOTO, Kazuya, JP  
[73] KABUSHIKI KAISHA TOSHIBA, JP  
[22] 1998-08-07  
[30] JP (214561/1997) 1997-08-08  
[30] JP (119099/1998) 1998-04-28

[11] **2,246,604**  
[13] C

[51] **Int.Cl. 6E06B 3/24 6B29C 47/02 6B29C 47/12 6B32B 3/28 6E06B 3/67**  
[25] EN  
[54] **PREFORMED FLEXIBLE LAMINATE**  
[54] **LAMINE FLEXIBLE PREFORME**  
[72] RITZ, Lanny Dean, US  
[72] FERRI, Louis Anthony, US  
[72] BARATUCCI, James Lynn, US  
[72] BUCHANAN, Ronald Ellsworth, US  
[73] TRUSEAL TECHNOLOGIES, INC., US  
[85] 1998-08-14  
[86] 1997-02-26 (PCT/US97/03040)  
[87] (WO97/31769)  
[30] US (08/607,896) 1996-02-27

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[11] **2,247,086**  
[13] C

[51] **Int.Cl. 6B60C 9/22 6B60C 9/20**  
[25] FR  
[54] **ARMATURE DE SOMMET DE PNEUMATIQUE**  
[54] **TYRE CROWN REINFORCEMENT**  
[72] COLOM, André, FR  
[73] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN - MICHELIN & CIE, FR  
[85] 1998-08-18  
[86] 1997-02-11 (PCT/EP97/00621)  
[87] (WO97/30857)  
[30] FR (96/02178) 1996-02-20

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[11] **2,247,429**  
[13] C

[51] **Int.Cl. 6H04B 3/20**  
[25] EN  
[54] **APPARATUS AND METHOD FOR NON-LINEAR PROCESSING IN A COMMUNICATION SYSTEM**  
[54] **APPAREIL ET PROCEDE POUR LE TRAITEMENT NON LINEAIRE DANS UN SYSTEME DE COMMUNICATION**  
[72] ASHLEY, James P., US  
[72] PROCTOR, Lee M., US  
[73] MOTOROLA, INC., US  
[85] 1998-08-27  
[86] 1997-11-04 (PCT/US97/20079)  
[87] (WO98/33311)  
[30] US (08/788,061) 1997-01-23

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[11] **2,249,040**  
[13] C

[51] **Int.Cl. 6G01R 1/04 6H02G 15/00**  
[25] EN  
[54] **CLAMPING MECHANISM FOR MOUNTING CIRCUIT CONDITION MONITORING DEVICES ON CABLES OF VARIOUS DIAMETERS**  
[54] **MECANISME DE PREHENSION SERVANT AU MONTAGE DE DISPOSITIFS DE SURVEILLANCE DE L'ETAT DE CIRCUITS SUR DES CABLES DE DIAMETRES DIFFERENTS**  
[72] SCHWEITZER, EDMUND O., JR., US  
[73] SCHWEITZER, EDMUND O., JR., US  
[22] 1998-09-29  
[30] US (08/940,069) 1997-09-29

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[11] **2,249,259**  
[13] C

[51] **Int.Cl. 6H03M 7/30 6H04N 7/50**  
[25] EN  
[54] **DATA COMPRESSION USING ADAPTIVE BIT ALLOCATION AND HYBRID LOSSLESS ENTROPY ENCODING**  
[54] **COMPRESSION DE DONNEES A AFFECTATION ADAPTATIVE DES BITS ET CODAGE HYBRIDE A ENTROPIE SANS PERTE**  
[72] WANG, Zhengrong, US  
[72] HOULE, Paul Steven, US  
[73] AMERICA ONLINE, INC., US  
[85] 1998-09-17  
[86] 1997-03-19 (PCT/US97/04279)  
[87] (WO97/35427)  
[30] US (08/618,368) 1996-03-19

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[11] **2,249,808**  
[13] C

[51] **Int.Cl. 6B60T 17/22 6F15B 15/28 6B61H 13/34**  
[25] EN  
[54] **CABLE OPERATED PISTON TRAVEL INDICATOR**  
[54] **INDICATEUR DE COURSE DE PISTON COMMANDE PAR CABLE**  
[72] HAWRYSZKOW, Michael G., US  
[73] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 1998-10-06  
[30] US (135,779) 1998-08-18

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[11] **2,249,911**  
[13] C

[51] **Int.Cl. 6H04M 19/00 6H04M 1/00 6H04Q 7/32**  
[25] EN  
[54] **SYSTEM FOR PROVIDING POWER TO A WIRELESS SYSTEM**  
[54] **SYSTEME D'ALIMENTATION D'UN SYSTEME SANS FIL**  
[72] BUHRMANN, Michael, US  
[73] AT&T WIRELESS SERVICES, INC., US  
[22] 1998-10-09  
[30] US (08/948,777) 1997-10-10

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[11] **2,251,192**  
[13] C

[51] **Int.Cl. 6F01D 11/00**  
[25] EN  
[54] **GAS TURBINE STATIONARY BLADE DOUBLE CROSS TYPE SEAL DEVICE**  
[54] **DISPOSITIF D'ETANCHEITE, EN CROIX DE LORRAINE, D'AUBES FIXES DE TURBINE A GAZ**  
[72] ARASE, Kenichi, JP  
[72] FUKUNO, Hiroki, JP  
[72] TOMITA, Yasuoki, JP  
[72] HAGI, Naoki, JP  
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[22] 1998-10-20  
[30] JP (9-288415) 1997-10-21

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[11] **2,251,198**  
[13] C

[51] **Int.Cl. 6F01D 9/02 6F01D 25/12 6F01D 5/18**  
[25] EN  
[54] **GAS TURBINE STATIONARY BLADE**  
[54] **AUBE STATIONNAIRE DE TURBINE A GAZ**  
[72] FUKUNO, Hiroki, JP  
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[22] 1998-10-20  
[30] JP (9-295408) 1997-10-28

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[11] **2,252,100**  
[13] C

[51] **Int.Cl. 6G03G 15/01 6G03G 15/22**  
[25] EN  
[54] **COLOR IMAGE FORMING APPARATUS**  
[54] **IMAGEUR COULEUR**  
[72] YAMAGUCHI, Chiseki, JP  
[73] FUJI XEROX CO., LTD., JP  
[22] 1998-10-28  
[30] JP (9-298926) 1997-10-30

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[11] **2,252,486**  
[13] C

[51] **Int.Cl. 6B21B 41/00 6B21C 47/08**  
[25] EN  
[54] **COIL FORMING APPARATUS AND METHOD**  
[54] **DISPOSITIF ET METHODE DE FORMATION DE BOBINE**  
[72] SHORE, T. Michael, US  
[72] PUCHOVSKY, Melicher, US  
[72] STARVASKI, Raymond R., US  
[73] MORGAN CONSTRUCTION COMPANY, US  
[22] 1998-11-02  
[30] US (08/970,901) 1997-11-14

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[11] **2,253,976**  
[13] C

[51] **Int.Cl. 6H01S 3/02**  
[25] EN  
[54] **MIRROR FAILURE DETECTOR FOR HIGH POWER LASERS**  
[54] **DETECTEUR DE DEFAUTS POUR MIROIRS SERVANT AUX LASERS A HAUTE PUISSANCE**  
[72] ZAMEL, James M., US  
[72] TINTI, Robert, US  
[73] TRW INC., US  
[22] 1998-11-12  
[30] US (08/975,834) 1997-11-21

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[11] **2,254,707**  
[13] C

[51] **Int.Cl. 6G06F 12/14 6H04L 1/24 6H04L 12/26**  
[25] EN  
[54] **COMPUTER SECURITY USING VIRUS PROBING**  
[54] **SYSTEME DE SECURITE INFORMATIQUE FAISANT APPEL A UN PROGRAMME SIMULANT UN VIRUS**  
[72] GROSSE, Eric, US  
[73] LUCENT TECHNOLOGIES, INC., US  
[22] 1998-12-01  
[30] US (09/015,563) 1998-01-29

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[11] **2,255,184**  
[13] C

[51] **Int.Cl. 6E04B 5/12 6E04H 1/12 6E04H 17/14**  
[25] EN  
[54] **KNOCKDOWN GARDEN DECK**  
[54] **TERRASSE DE JARDIN DEMONTABLE**  
[72] USUI, Hiroyuki, JP  
[73] USUI, Hiroyuki, JP  
[22] 1998-12-02  
[30] JP (9-354161) 1997-12-08  
[30] JP (10-193796) 1998-06-24

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[11] **2,257,242**  
[13] C

[51] **Int.Cl. 6H04M 1/02 6H04M 1/60**  
[25] EN  
[54] **COMMUNICATIONS TERMINAL HAVING A SINGLE TRANSDUCER FOR HANDSET AND HANDSFREE RECEIVE FUNCTIONALITY**  
[54] **TERMINAL DE TELECOMMUNICATIONS MUNI D'UN SEUL TRANSDUCTEUR POUR LA RECEPTION PAR COMBINE OU MAINS-LIBRES**  
[72] HAWKER, Larry Edward, CA  
[72] VAN SCHYNDEL, ANDRE, CA  
[72] FORRESTER, Christopher Michael, CA  
[73] NORTEL NETWORKS LIMITED, CA  
[85] 1998-12-04  
[86] 1997-06-02 (PCT/CA97/00379)  
[87] (WO97/47117)  
[30] US (08/659,609) 1996-06-06

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[11] **2,257,566**  
[13] C

[51] **Int.Cl. 6H04N 5/91**  
[25] EN  
[54] **SYSTEM AND METHOD FOR GENERATION AND INTERFACING OF BITSTREAMS REPRESENTING MPEG-CODED AUDIOVISUAL OBJECTS**  
[54] **SYSTEME ET PROCEDE DE GENERATION ET D'INTERFACE DE TRAINS BINAIRES REPRESENTANT DES OBJETS AUDIOVISUELS EN CODAGE MPEG**  
[72] FANG, Yihan, US  
[72] SCHMIDT, Robert L., US  
[72] PURI, Atul, US  
[72] ELEFThERiADiS, Alexandros, US  
[73] AT&T CORP., US  
[73] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US  
[85] 1998-12-03  
[86] 1998-04-07 (PCT/US98/06790)  
[87] (WO98/46024)  
[30] US (60/042,801) 1997-04-07

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[11] **2,258,704**  
[13] C

[51] **Int.Cl. 6G06F 13/14 6G06F 15/16 6G06F 17/60**  
[25] EN  
[54] **FRAMEWORK FOR CONSTRUCTING SHARED DOCUMENTS THAT CAN BE COLLABORATIVELY ACCESSED BY MULTIPLE USERS**  
[54] **STRUCTURE POUR LA CONSTRUCTION DE DOCUMENTS COMMUNS ACCESSIBLES A DE MULTIPLES UTILISATEURS**  
[72] ADAMS, William, US  
[73] OBJECT TECHNOLOGY LICENSING CORPORATION, US  
[85] 1998-12-16  
[86] 1997-06-18 (PCT/US97/10421)  
[87] (WO97/49051)  
[30] US (08/667,118) 1996-06-20  
[30] US (08/667,179) 1996-06-20



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[11] 2,258,738  
[13] C

[51] Int.Cl. 6F16K 1/44  
[25] EN  
[54] DOUBLE-SEAT VALVE  
[54] SOUPE A SIEGE DOUBLE  
[72] MADSEN, Karsten Schack, DK  
[72] BENEDETTI, Paolo, IT  
[73] TETRA LAVAL HOLDINGS &  
FINANCE, S.A., CH  
[85] 1998-12-18  
[86] 1997-05-28 (PCT/EP97/02779)  
[87] (WO98/54493)

[11] 2,260,109  
[13] C

[51] Int.Cl. 6A47L 11/12 6B23D 13/00  
6A47L 11/40  
[25] EN  
[54] BLADE HOLDER FOR FLOOR  
STRIPPING MACHINE AND A FLOOR  
STRIPPING MACHINE  
[54] PORTE-LAME DE DECAPEUSE DE  
PLANCHER ET DECAPEUSE DE  
PLANCHER  
[72] GAUMONT, Claude, CA  
[73] GAUMONT, Claude, CA  
[22] 1999-01-19

[11] 2,260,638  
[13] C

[51] Int.Cl. 6H01R 13/20 6H01R 13/428  
6H01R 4/48  
[25] EN  
[54] CONTACT ELEMENT WITH A  
SCREW-TYPE TERMINAL  
[54] ELEMENT DE CONTACT AVEC  
BORNE A VIS  
[72] FERDERER, Albert, DE  
[72] HARTING, Dietmar, DE  
[73] HARTING KGaA, DE  
[22] 1999-02-03  
[30] DE (198 04 702.9) 1998-02-06

[11] 2,261,962  
[13] C

[51] Int.Cl. 6E06B 9/58 6E06B 9/17  
[25] EN  
[54] CURTAIN BOTTOM TENSIONING  
ASSEMBLY  
[54] ENSEMBLE MISE SOUS TENSION  
DE LA BASE D'UN RIDEAU  
[72] SCHWINGLE, James P., US  
[72] SCHULTE, Peter S., US  
[72] GRUBEN, Wayne E., US  
[73] RITE-HITE CORPORATION, US  
[85] 1999-01-22  
[86] 1997-07-22 (PCT/US97/12825)  
[87] (WO98/03762)  
[30] US (08/686,995) 1996-07-24

[11] 2,262,653  
[13] C

[51] Int.Cl. 6G11B 23/04 6G11B 23/03  
6G11B 5/82  
[25] EN  
[54] MAGNETIC DISK CARTRIDGE  
[54] CARTOUCHE DE DISQUE  
MAGNETIQUE  
[72] OISHI, Kengo, JP  
[73] IOMEGA CORPORATION, US  
[73] FUJI PHOTO FILM CO., LTD., JP  
[85] 1999-02-05  
[86] 1996-08-08 (PCT/JP96/02237)  
[87] (WO98/07153)

[11] 2,262,664  
[13] C

[51] Int.Cl. 6G11B 23/04 6G11B 23/03  
6G11B 23/113 6G11B 5/82  
[25] EN  
[54] MAGNETIC DISK CARTRIDGE  
AND METHOD FOR  
MANUFACTURING THE SAME  
[54] CARTOUCHE DE DISQUE  
MAGNETIQUE ET SON PROCEDE DE  
FABRICATION  
[72] MIZUTA, Akira, JP  
[73] IOMEGA CORPORATION, US  
[73] FUJI PHOTO FILM CO., LTD., JP  
[85] 1999-02-05  
[86] 1996-08-08 (PCT/JP96/02238)  
[87] (WO98/07156)

[11] 2,262,703  
[13] C

[51] Int.Cl. 6G11B 23/04 6G11B 23/03  
6G11B 5/82  
[25] EN  
[54] MAGNETIC DISK CARTRIDGE  
[54] CARTOUCHE DE DISQUE  
MAGNETIQUE  
[72] OISHI, Kengo, JP  
[73] IOMEGA CORPORATION, US  
[73] FUJI PHOTO FILM CO., LTD., JP  
[85] 1999-02-05  
[86] 1996-08-08 (PCT/JP96/02235)  
[87] (WO98/07151)

[11] 2,271,185  
[13] C

[51] Int.Cl. 6B61F 5/22 6B61F 1/14 6B61F  
5/24  
[25] EN  
[54] RAIL VEHICLE, ESPECIALLY  
FOR LOCAL TRAFFIC  
[54] VEHICULE SUR RAILS, CONCU  
POUR LE TRAFIC LOCAL  
[72] AMRATH, Johannes, DE  
[73] SIEMENS DUEWAG  
SCHIENENFAHRZEUGE GMBH, DE  
[22] 1999-05-06  
[30] DE (198 23 010.9) 1998-05-22

[11] 2,271,371  
[13] C

[51] Int.Cl. 6B08B 3/02 6E04G 23/02  
[25] EN  
[54] MULTIPLE JET  
HYDRODEMOLITION APPARATUS  
AND METHOD  
[54] METHODE ET APPAREIL  
D'HYDRODEMOLITION A MULTIPLE  
JETS  
[72] MACNEIL, GERARD, CA  
[72] MACNEIL, GORDON, CA  
[72] BOSE, VERNON, CA  
[72] MACNEIL, DAVID, CA  
[73] MAC & MAC HYDRODEMOLITION  
INC., CA  
[22] 1999-05-10

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[11] **2,271,470**  
[13] C

[51] **Int.Cl. 6G05B 11/01 6F21V 33/00 6G05B 19/18**  
[25] EN  
[54] **STAGE EFFECT CONTROL METHOD AND APPARATUS**  
[54] **PROCEDE ET APPAREIL DE GESTION DES EFFETS DE SCENE**  
[72] HENNESSEY, John M., US  
[72] WYATT, Michael K., US  
[73] PRODUCTION RESOURCE GROUP, L.L.C., US  
[85] 1999-05-12  
[86] 1997-11-20 (PCT/US97/21804)  
[87] (WO98/25197)  
[30] US (08/752,856) 1996-11-21

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[11] **2,274,996**  
[13] C

[51] **Int.Cl. 6H03F 1/26**  
[25] EN  
[54] **FEED-FORWARD AMPLIFIER**  
[54] **AMPLIFICATEUR D'ACTION DIRECTE SECONDAIRE**  
[72] FUKUCHI, Akio, JP  
[73] NEC CORPORATION, JP  
[22] 1999-06-15  
[30] JP (170327/1998) 1998-06-17

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[11] **2,282,853**  
[13] C

[51] **Int.Cl. 6B31F 1/07 6B41F 5/04 6B41F 5/16**  
[25] EN  
[54] **APPARATUS AND METHOD FOR EMBOSsing AND PRINTING ELONGATED SUBSTRATES**  
[54] **DISPOSITIF ET PROCEDE D'IMPRESSION ET D'ESTAMPAGE DE SUBSTRATS ALLONGES**  
[72] STAUFFACHER, JAMES H., US  
[72] GARVEY, PATRICK R., US  
[73] SPRINGS WINDOW FASHIONS DIVISION, INC., US  
[85] 1999-09-02  
[86] 1999-01-29 (PCT/US99/01957)  
[87] (WO99/38679)  
[30] US (60/073,086) 1998-01-30

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[11] **2,284,636**  
[13] C

[51] **Int.Cl. 6B65H 5/00**  
[25] EN  
[54] **AUTOMATIC FEEDER AND INVERTER FOR FABRIC WORKPIECES**  
[54] **DISTRIBUTEUR ET RETOURNEUR AUTOMATIQUES POUR PIECE EN TISSU**  
[72] LIN, WEI-CHIN, US  
[72] HALLAND, KENT JOELL, US  
[72] KLUSMANN, DONALD L., US  
[72] MUELLER, FREDERICK N., US  
[72] BLOUNT, TIMOTHY MATTHEW, US  
[72] KIM, FRANK C. H., US  
[72] AMIGH, STEVEN ALAN, US  
[72] SILVA, PEDRO T., US  
[73] LEVI STRAUSS & CO., US  
[85] 1999-09-20  
[86] 1998-03-16 (PCT/US98/05183)  
[87] (WO98/42605)  
[30] US (08/821,784) 1997-03-21

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[11] **2,284,855**  
[13] C

[51] **Int.Cl. 6A61G 7/10**  
[25] EN  
[54] **AUTOMATIC DISPLACEMENT AND HOMING SYSTEM FOR A RAIL MOUNTED PATIENT LIFT**  
[54] **SYSTEME AUTOMATIQUE DE DEPLACEMENT ET DE RETOUR AU REPOS POUR LEVE-PATIENT MONTE SUR RAIL**  
[72] RODIER, SYLVAIN, CA  
[72] BERGERON, JEAN, CA  
[73] GESTION TECHNO-MÉDIC INC., CA  
[22] 1999-10-05

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[11] **2,285,886**  
[13] C

[51] **Int.Cl. 6C07D 498/04 6A61K 7/06 6A61K 31/505 6A61K 31/54 6A61K 31/55**  
[25] FR  
[54] **COMPOSITIONS DESTINEES A ETRE UTILISEES POUR FREINER LA CHUTE DES CHEVEUX ET POUR INDUIRE ET STIMULER LEUR CROISSANCE, CONTENANT DES OXADIAZOLOPYRIMIDINES**  
[54] **COMPOUNDS CONTAINING OXADIAZOLOPYRIMIDINES DESTINED TO BE USED FOR SLOWING DOWN HAIR LOSS AND FOR INDUCING AND STIMULATING THEIR GROWTH**  
[72] HOCQUAUX, MICHEL, FR  
[72] ESTRADIER, FRANCOISE, FR  
[72] GAETANI, QUINTINO, FR  
[72] DUFETEL, DIDIER, FR  
[73] L'OREAL, FR  
[22] 1990-08-28  
[62] 2,024,156  
[30] FR (89 11352) 1989-08-29

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[11] **2,288,677**  
[13] C

[51] **Int.Cl. 6A61K 7/035 6A61K 7/48**  
[25] EN  
[54] **NOVEL POWDER COMPOSITIONS**  
[54] **NOUVELLES COMPOSITIONS PULVERULENTES**  
[72] LAHANAS, KONSTANTINOS M., US  
[72] KEELER, TRACY N., US  
[72] TOMA, DANIELA, US  
[73] COLOR ACCESS, INC., US  
[85] 1999-11-05  
[86] 1999-03-09 (PCT/US99/05104)  
[87] (WO99/45895)  
[30] US (09/036,734) 1998-03-09

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[11] **2,294,493**  
[13] C

[51] **Int.Cl. 7H02G 13/00 7B63B 15/00 7B63B 17/00**  
[25] EN  
[54] **TEMPORARY LIGHTNING PROTECTION DEVICE FOR A SAILBOAT**  
[54] **DISPOSITIF DE PROTECTION TEMPORAIRE CONTRE LA FOUDRE POUR UN VOILIER**  
[72] LAFERRIERE, CHRISTIAN, CA  
[72] SEYNETT, PIERRE, CA  
[73] LAFERRIERE, CHRISTIAN, CA  
[73] SEYNETT, PIERRE, CA  
[22] 2000-01-21

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[11] 2,298,279  
[13] C

[51] **Int.Cl. 7G03D 3/02**  
[25] EN  
[54] **PHOTOGRAPHIC LIQUIDS EFFLUENT DISCHARGE**  
[54] **REJET D'EFFLUENTS DE LIQUIDES POUR PHOTOGRAPHIE**  
[72] BRUNELLE, DENIS, CA  
[72] REN, JAIN MIN, CA  
[72] GRAVEL, BERNARD, CA  
[72] RIVIERE, JOHN L., CA  
[73] METAFIX INC., CA  
[22] 2000-02-09  
[30] CA (2,261,557) 1999-02-10

[11] 2,306,396  
[13] C

[51] **Int.Cl. 6G06F 3/00 6G06F 17/30 6G06F 9/46**  
[25] EN  
[54] **DISPLAYING AND INTERACTING WITH AN INFORMATIONAL MESSAGE BASED ON AN INFORMATION PROCESSING SYSTEM EVENT**  
[54] **AFFICHAGE ET INTERACTION AVEC UN MESSAGE INFORMATIF BASE SUR UN EVENEMENT DE SYSTEME DE TRAITEMENT DE L'INFORMATION**  
[72] KREYNIN, VADIM, US  
[72] MOSLEY, JOSEPH M., US  
[72] MAKAR, MICHAEL G., US  
[73] THE DELFIN PROJECT, INC., US  
[85] 2000-04-12  
[86] 1998-10-16 (PCT/US98/21980)  
[87] (WO99/21076)  
[30] US (60/062,600) 1997-10-20

[11] 2,306,651  
[13] C

[51] **Int.Cl. 7A01G 15/00 7B64D 1/18**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MODIFYING SUPERCOOLED CLOUDS**  
[54] **METHODE ET APPAREIL AFIN DE MODIFIER DES NUAGES SUR-REFROIDIE**  
[72] FUKUTA, NORIHIKO, US  
[73] FUKUTA, NORIHIKO, US  
[22] 2000-04-26

[11] 2,311,364  
[13] C

[51] **Int.Cl. 7A01M 23/30**  
[25] EN  
[54] **HUMANE ANIMAL TRAP**  
[54] **PIEGE NON VIOLENT A ANIMAUX**  
[72] TONGE, GARY A., CA  
[73] TONGE, GARY A., CA  
[22] 2000-06-19

[11] 2,321,844  
[13] C

[51] **Int.Cl. 6G05D 16/10 6F41B 11/32**  
[25] EN  
[54] **PNEUMATIC VALVE AND REGULATOR**  
[54] **SOUPAPE ET REGULATEUR A COMMANDE PNEUMATIQUE**  
[72] PERRY, RODERICK A., US  
[72] GARDNER, WILLIAM M., JR., US  
[73] SMART PARTS, INC., US  
[85] 2000-08-23  
[86] 1999-02-24 (PCT/US99/03962)  
[87] (WO99/42912)  
[30] US (09/028,705) 1998-02-24

[11] 2,325,831  
[13] C

[51] **Int.Cl. 7A01N 63/00**  
[25] EN  
[54] **BACILLUS THURINGIENSIS CRYIIIC GENE AND PROTEIN TOXIC TO COLEOPTERAN INSECTS**  
[54] **GENE DE TYPE CRY-111 DE BACILLUS THURINGIENSIS ET PROTEINE AYANT UN EFFET TOXIQUE SUR LES COLEOPTERES**  
[72] DONOVAN, WILLIAM P., US  
[72] RUPAR, MARK J., US  
[72] JOHNSON, TIMOTHY B., US  
[72] SLANEY, ANNETTE C., US  
[73] MONSANTO COMPANY, US  
[22] 1991-03-18  
[62] 2,078,571  
[30] US (496,568) 1990-03-20

[11] 2,331,025  
[13] C

[51] **Int.Cl. 7B65B 19/00**  
[25] FR  
[54] **DISPOSITIF D'ALIMENTATION DE CIGARETTES POUR EMPAQUETEUR DE CIGARETTES**  
[54] **CIGARETTE FEEDER FOR CIGARETTE PACKAGER**  
[72] PERRON, SERGE, CA  
[73] LES TABACS TABEC INC., CA  
[22] 2001-01-16

[11] 2,341,287  
[13] C

[51] **Int.Cl. 7G03C 5/38**  
[25] EN  
[54] **ONE-PART BLEACH-FIX LIQUID CONCENTRATES**  
[54] **CONCENTRES LIQUIDES MONOCOMPOSANTE DE BLANCHIMENT-FIXAGE**  
[72] PAPAI, LASZLO, US  
[73] TREBLA CHEMICAL COMPANY, US  
[85] 2001-03-07  
[86] 2000-01-18 (PCT/US00/01166)  
[87] ()  
[30] US (09/477,565) 2000-01-06

# Canadian Laid-Open Applications

December 9, 2001 - December 15, 2001

## Demandes canadiennes mises à la disponibilité du public

9 décembre 2001 - 15 décembre 2001

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[21] **2,309,342**  
[13] A1  
[51] Int.Cl. 7A01H 5/00 7A61K 38/00  
7C12P 21/00 7A01H 5/10 7C12N 15/52  
[25] EN  
[54] **PROTEIN PRODUCTION IN  
TRANSGENIC PLANT SEEDS**  
[54] **PRODUCTION DE PROTEINES  
DANS DES GRAINES  
TRANSGENIQUES**  
[72] LIU, LI-FEI, TW  
[72] YU, SU-MAY, TW  
[72] CHENG, KUO-JOAN, CA  
[72] SHAW, JEI-FU, TW  
[71] ACADEMIA SINICA, TW  
[22] 2000-06-14  
[43] 2001-12-14

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[21] **2,309,379**  
[13] A1  
[51] Int.Cl. 7C12N 15/36 7C12N 7/01  
7C07K 14/02 7A61K 39/29 7C12N 15/54  
7G01N 33/576  
[25] EN  
[54] **VIRAL VARIANTS AND USES  
THEREFOR**  
[54] **VARIANTS VIRAUX ET  
UTILISATIONS CONNEXES**  
[72] TILLMANN, HANS, DE  
[72] BOCK, THOMAS, DE  
[72] TRAUTWEIN, CHRISTIAN, DE  
[72] TORRESI, JOSEPH, AU  
[72] LOCARNINI, STEPHEN ALISTER,  
AU  
[72] MANNS, MICHAEL, DE  
[71] TILLMANN, HANS, DE  
[71] BOCK, THOMAS, DE  
[71] TRAUTWEIN, CHRISTIAN, DE  
[71] NORTH WESTERN HEALTH CARE  
NETWORK, AU  
[71] MANNS, MICHAEL, DE  
[22] 2000-06-14  
[43] 2001-12-09  
[30] US (60/210,395) 2000-06-09

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[21] **2,309,883**  
[13] A1  
[51] Int.Cl. 7C12N 15/54 7C11B 1/00  
7A01H 5/00 7C12N 5/04 7C07C 67/08  
7C12N 5/10 7C12N 15/10 7C12N 1/20  
7C12N 15/29 7C07C 69/30 7C07K 14/415  
7C07C 69/58 7C12N 15/82  
[25] EN  
[54] **DIACYLGLYCEROL O-  
ACYLTRANSFERASE**  
[54] **DIACYLGLYCEROL O-  
ACYLTRANSFERASE**  
[72] NYKIFORUK, CORY L., CA  
[72] LAROCHE, ANDRE J., CA  
[72] WESELAKE, RANDALL J., CA  
[71] HER MAJESTY THE QUEEN IN  
RIGHT OF CANADA AS REPRESENTED  
BY THE MINISTER OF AGRICULTURE  
AND AGRI-FOOD, CA  
[22] 2000-06-14  
[43] 2001-12-14

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[21] **2,310,032**  
[13] A1  
[51] Int.Cl. 7G06F 12/14 7H04L 9/32  
[25] EN  
[54] **BIG SOFT BROTHER**  
[54] **UTILITAIRE « BIG SOFT  
BROTHER »**  
[72] BRISSON, ANDRE J., CA  
[71] BRISSON, ANDRE J., CA  
[22] 2000-06-09  
[43] 2001-12-09

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[21] **2,310,234**  
[13] A1  
[51] Int.Cl. 7A63B 69/00 7A63B 43/00  
[25] EN  
[54] **RODBALL**  
[54] **TIGE A BALLE**  
[72] CLEMENT, PAUL RIEL, CA  
[71] CLEMENT, PAUL RIEL, CA  
[22] 2000-06-09  
[43] 2001-12-09

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[21] **2,310,236**  
[13] A1  
[51] Int.Cl. 7E21B 37/00  
[25] EN  
[54] **TUBING CLEANOUT SPOOL**  
[54] **TIROIR DE DEGORGEMENT DE  
TUBE**  
[72] KOMISTEK, STEPHEN MICHAEL,  
CA  
[71] KOMISTEK, STEPHEN MICHAEL,  
CA  
[22] 2000-06-09  
[43] 2001-12-09

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[21] **2,310,238**  
[13] A1  
[51] Int.Cl. 7A61M 21/00  
[25] EN  
[54] **VIBRATING STIMULATION  
SYSTEM FOR INTERRUPTING APNEA  
IN INFANTS**  
[54] **SYSTEME DE STIMULATION PAR  
VIBRATION POUR INTERROMPRE  
L'APNEE CHEZ LES ENFANTS**  
[72] FERGUSON, ALEX, CA  
[72] ROSS, GORD, CA  
[72] LANDRY, SCOTT K., CA  
[72] AUCHINLECK, IAN G., CA  
[71] FERGUSON, ALEX, CA  
[71] ROSS, GORD, CA  
[71] LANDRY, SCOTT K., CA  
[71] AUCHINLECK, IAN G., CA  
[22] 2000-06-14  
[43] 2001-12-14

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[21] **2,310,538**  
[13] A1  
[51] Int.Cl. 7H04L 29/02  
[25] EN  
[54] **DATA LINE INTERRUPTER  
SWITCH**  
[54] **INTERRUPTEUR POUR LIGNE DE  
DONNEES**  
[72] KIRCHMANN, CHRISTOPHER, CA  
[71] KIRCHMANN, CHRISTOPHER, CA  
[22] 2000-06-09  
[43] 2001-12-09

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[21] **2,310,825**  
[13] A1  
[51] **Int.Cl. 7A63G 31/00 7A63G 31/16**  
[25] EN  
[54] **ALTERNATE REALITY ILLUSION**  
[54] **ILLUSION BASEE SUR LA**  
**REALITE**  
[72] GOODWIN, ERIC D., CA  
[72] SKRETAS, EVAGELOS, CA  
[71] GOODWIN, ERIC D., CA  
[71] SKRETAS, EVAGELOS, CA  
[22] 2000-06-09  
[43] 2001-12-09

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[21] **2,310,980**  
[13] A1  
[51] **Int.Cl. 7A01K 27/00**  
[25] EN  
[54] **CONTROL CHOICE DOG COLLAR**  
[54] **COLLIER A COMMANDE**  
**SELECTIVE POUR CHIENS**  
[72] WELBOURN, LORI, CA  
[71] WELBOURN, LORI, CA  
[22] 2000-06-09  
[43] 2001-12-09

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[21] **2,311,032**  
[13] A1  
[51] **Int.Cl. 7E02F 9/28**  
[25] EN  
[54] **GROUND-ENGAGING TOOL FOR**  
**AN EXCAVATION BUCKET**  
[54] **OUTIL A DEFONCER POUR**  
**GODET D'EXCAVATION**  
[72] KRIEL, LOUW, ZA  
[72] ESTERHUYSE, SCHALK WILLEM  
PETRUS, ZA  
[71] CATERPILLAR SARL, CH  
[22] 2000-06-12  
[43] 2001-12-12

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[21] **2,311,036**  
[13] A1  
[51] **Int.Cl. 7F04B 47/02 7F04B 9/00**  
**7F04B 53/00 7E21B 43/12**  
[25] EN  
[54] **PUMP DRIVE HEAD WITH LEAK-**  
**FREE STUFFING BOX, CENTRIFUGAL**  
**BRAKE AND POLISH ROD LOCKING**  
**CLAMP**  
[54] **TETE DE GROUPE MOTOPOMPE**  
**AVEC BOITE A GARNITURE**  
**ETANCHE, FREIN CENTRIFUGE ET**  
**ATTACHE DE VERROUILLAGE POUR**  
**TIGE POLIE**  
[72] HULT, VERN ARTHUR, CA  
[71] OIL LIFT TECHNOLOGY INC., CA  
[22] 2000-06-09  
[43] 2001-12-09

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[21] **2,311,040**  
[13] A1  
[51] **Int.Cl. 7D21D 1/30**  
[25] EN  
[54] **REFINER FOR FIBROUS**  
**MATERIAL**  
[54] **RAFFINEUR POUR MATERIAUX**  
**FIBREUX**  
[72] WEBSTER, DAVID R., CA  
[71] H. J. G. McLEAN LIMITED, CA  
[22] 2000-06-12  
[43] 2001-12-09  
[30] US (09/590,381) 2000-06-09

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[21] **2,311,046**  
[13] A1  
[51] **Int.Cl. 7C08J 9/12 7D06M 23/04**  
[25] EN  
[54] **METHOD AND APPARATUS FOR**  
**IMPROVING THE STABILITY OF A**  
**LATEX FROTH**  
[54] **METHODE ET APPAREIL POUR**  
**AMELIORER LA STABILITE D'UNE**  
**MOUSSE DE LATEX**  
[72] HANLON, NICHOLAS S., US  
[72] WILKINSON, DAVID L., US  
[71] THE DOW CHEMICAL COMPANY,  
US  
[22] 2000-06-09  
[43] 2001-12-09

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[21] **2,311,077**  
[13] A1  
[51] **Int.Cl. 7C10G 67/04**  
[25] EN  
[54] **AN IMPROVED METHOD FOR**  
**MAKING A PROCESS OIL BY USING**  
**AROMATIC ENRICHMENT WITH**  
**EXTRACTION FOLLOWED BY SINGLE**  
**STAGE HYDROFINISHING**  
[54] **UNE METHODE AMELIOREE**  
**POUR PRODUIRE UNE HUILE DE MISE**  
**EN OEUVRE PAR ENRICHISSEMENT**  
**AROMATIQUE AVEC EXTRACTION**  
**SUIVI D'UN HYDROFINISSAGE EN**  
**UNE ETAPE**  
[72] BOYLE, JOSEPH PHILIP, US  
[72] ANGELO, JACOB BEN, US  
[72] ALDOUS, KEITH K., US  
[71] EXXON RESEARCH AND  
ENGINEERING COMPANY, US  
[22] 2000-06-09  
[43] 2001-12-09

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[21] **2,311,081**  
[13] A1  
[51] **Int.Cl. 7H04B 15/00**  
[25] EN  
[54] **RFI CANCELLER USING**  
**NARROWBAND AND WIDEBAND**  
**NOISE ESTIMATORS**  
[54] **SUPPRESSEUR DE BROUILLAGE**  
**RADIOELECTRIQUE UTILISANT DES**  
**ESTIMATEURS A BANDE ETROITE ET**  
**A LARGE BANDE**  
[72] YEAP, TET HIN, CA  
[72] FENTON, DAVID KENNETH, CA  
[71] YEAP, TET HIN, CA  
[71] FENTON, DAVID KENNETH, CA  
[22] 2000-06-09  
[43] 2001-12-09

**Demandes canadiennes mises à la disponibilité du public**  
**9 decembre 2001 - 15 decembre 2001**

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[21] **2,311,084**  
[13] A1

[51] **Int.Cl. 7C07H 19/067 7C07H 19/10 7A61K 31/7076**  
[25] EN  
[54] **C8-SUBSTITUTED PURINE NUCLEOTIDE ANALOGS AND THEIR USE AS INHIBITORS OF NUCLEOSIDE TRIPHOSPHATE DIHOSPHOHYDROLASES**  
[54] **ANALOGUES DE NUCLEOTIDE PURIQUE SUBSTITUES EN POSITION C8 ET LEUR UTILISATION COMME INHIBITEURS DES NUCLEOSIDE-TRIPHOSPHATE-DIPHOSPHOHYDROLASES**  
[72] GENDRON, FERNAND PIERRE, CA  
[72] HALBFINGER, EFRAT, IL  
[72] FISCHER, BILHA, IL  
[72] BEAUDOIN, ADRIEN R., CA  
[71] UNIVERSITE DE SHERBROOKE, CA  
[71] BAR-ILAN UNIVERSITY, IL  
[22] 2000-06-09  
[43] 2001-12-09

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[21] **2,311,095**  
[13] A1

[51] **Int.Cl. 7H04L 29/02 7H04L 12/16**  
[25] EN  
[54] **DYNAMIC TRAFFIC SHAPING OF A MULTI-CHANNEL AUDIO STREAM OVER THE INTERNET**  
[54] **MODELISATION DYNAMIQUE DU TRAFIC D'UN FLOT AUDIO MULTICANAL SUR INTERNET**  
[72] DOUTRIAUX, STEPHANE, CA  
[72] SI, YIXIA, CA  
[72] XU, AOXIANG, CA  
[71] MEDIASTACK AUDIONET INC., CA  
[22] 2000-06-09  
[43] 2001-12-09

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[21] **2,311,097**  
[13] A1

[51] **Int.Cl. 7H04L 12/16**  
[25] EN  
[54] **DIGITAL AUDIO-ON-DEMAND OVER DIGITAL CABLE DBDS**  
[54] **CONTENU AUDIONUMERIQUE SUR DEMANDE AU MOYEN D'UN SYSTEME DE CABLODISTRIBUTION NUMERIQUE A LARGE BANDE**  
[72] DOUTRIAUX, STEPHANE, CA  
[72] SI, YIXIA, CA  
[72] XU, AOXIANG, CA  
[71] MEDIASTACK AUDIONET INC., CA  
[22] 2000-06-09  
[43] 2001-12-09

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[21] **2,311,103**  
[13] A1

[51] **Int.Cl. 7H04M 11/06 7H04L 12/16**  
[25] EN  
[54] **SYSTEM AND METHOD FOR IMPROVING COMPRESSION ON A TELEPHONE LOOP**  
[54] **SYSTEME ET METHODE POUR AMELIORER LA COMPRESSION SUR UNE LIGNE TELEPHONIQUE**  
[72] KUMAR, YATISH, CA  
[71] KUMAR, YATISH, CA  
[22] 2000-06-12  
[43] 2001-12-12

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[21] **2,311,148**  
[13] A1

[51] **Int.Cl. 7A63B 67/00 7A63B 59/00**  
[25] EN  
[54] **PIVOT WHIPPING GAME**  
[54] **JEU AVEC FOUET ET CONE**  
[72] WACHIRA, MARK JAMES, CA  
[72] KIAMA, HELEN W., CA  
[71] KIAMA, HELEN W., CA  
[71] WACHIRA, MARK JAMES, CA  
[22] 2000-06-12  
[43] 2001-12-12

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[21] **2,311,149**  
[13] A1

[51] **Int.Cl. 7A47B 83/02 7A47C 7/68**  
[25] EN  
[54] **ATTACHABLE MOUSE DESK AND ARM REST**  
[54] **SUPPORT DE SOURIS POUVANT ETRE FIXE ET ACCOUDOIR**  
[72] TOTH, GARY B., CA  
[71] TOTH, GARY B., CA  
[22] 2000-06-15  
[43] 2001-12-15

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[21] **2,311,156**  
[13] A1

[51] **Int.Cl. 7E21B 17/042**  
[25] EN  
[54] **TUBULAR CONNECTION TORQUE REACTION RING**  
[54] **COURONNE A REACTION DE COUPLE A RACCORDEMENT TUBULAIRE**  
[72] KAISER, TRENT MICHAEL VICTOR, CA  
[72] SLACK, MAURICE WILLIAM, CA  
[71] TESCO CORPORATION, CA  
[22] 2000-06-09  
[43] 2001-12-09

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[21] **2,311,158**  
[13] A1

[51] **Int.Cl. 7E21B 7/00**  
[25] EN  
[54] **A METHOD FOR DRILLING WITH CASING**  
[54] **METHODE DE FORAGE AVEC TUBAGE DE REVETEMENT**  
[72] ANGMAN, PER G., CA  
[71] TESCO CORPORATION, CA  
[22] 2000-06-09  
[43] 2001-12-09

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[21] **2,311,160**  
[13] A1

[51] **Int.Cl. 7E21B 7/00 7E21B 33/14**  
[25] EN  
[54] **METHOD FOR DRILLING AND COMPLETING A WELLBORE AND A PUMP DOWN CEMENT FLOAT COLLAR FOR USE THEREIN**  
[54] **METHODE DE FORAGE ET DE COMPLETION D'UN Puits ET MANCHON DE CIMENTATION A CLAPET D'EVACUATION POUR USAGE CONNEXE**  
[72] ANGMAN, PER G., CA  
[72] VERT, JEFFERY WALTER, CA  
[71] TESCO CORPORATION, CA  
[22] 2000-06-09  
[43] 2001-12-09

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[21] **2,311,174**  
[13] A1

[51] **Int.Cl. 7B60R 19/02 7B64D 25/00 7B62J 27/00 7B60R 27/00 7B63B 59/02 7B61F 19/04 7B60R 19/42**  
[25] EN  
[54] **A SAFETY EXTERNAL AIR BAG SYSTEM FOR A VARIETY OF CONVEYANCES**  
[54] **SYSTEME DE SAC DE SECURITE GONFLABLE EXTERNE POUR DIVERS MOYENS DE TRANSPORT**  
[72] SHAH, REZA H., CA  
[71] SHAH, REZA H., CA  
[22] 2000-06-09  
[43] 2001-12-09

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[21] **2,311,192**  
[13] A1  
[51] **Int.Cl. 7B01J 13/16 7A01N 25/28**  
[25] EN  
[54] **ENCAPSULATION PROCESS USING ISOCYANATE MOIETIES**  
[54] **METHODE D'ENCAPSULATION A L'AIDE DE REACTIFS CONTENANT DES GROUPES FONCTIONNELS DU TYPE ISOCYANATE**  
[72] MUDALIGE, CHANDRIKA, CA  
[72] SHULKIN, ANNA, CA  
[72] STOVER, HARALD D. H., CA  
[71] MCMASTER UNIVERSITY, CA  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[22] 2000-06-12  
[43] 2001-12-12

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[21] **2,311,193**  
[13] A1  
[51] **Int.Cl. 7A23J 3/34 7A23J 3/16**  
[25] EN  
[54] **METHOD FOR PRODUCING ULTRAPURE VEGETABLE PROTEIN MATERIALS**  
[54] **METHODE DE PRODUCTION DE MATIERES PROTEINIQUES VEGETALES ULTRAPURES**  
[72] SINGER, DAVID A., US  
[72] LIN, SANTA H. (deceased), US  
[72] WONG, THEODORE M., US  
[71] PROTEIN TECHNOLOGIES INTERNATIONAL INC., US  
[22] 2000-06-12  
[43] 2001-12-12

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[21] **2,311,194**  
[13] A1  
[51] **Int.Cl. 7B01J 13/16 7A01N 25/28**  
[25] EN  
[54] **ENCAPSULATION PROCESS USING ANHYDRIDE MOIETIES**  
[54] **PROCEDE D'ENCAPSULATION A L'AIDE DE COMPOSES A GROUPEMENTS ANHYDRIDES**  
[72] SHULKIN, ANNA, CA  
[72] STOVER, HARALD D. H., CA  
[71] MCMASTER UNIVERSITY, CA  
[22] 2000-06-12  
[43] 2001-12-12

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[21] **2,311,195**  
[13] A1  
[51] **Int.Cl. 7B01J 13/20 7A01N 25/28**  
[25] EN  
[54] **PHOTOSTIMULATED PHASE SEPARATION ENCAPSULATION**  
[54] **ENCAPSULATION PAR SEPARATION DE PHASE PHOTOSTIMULEE**  
[72] SHULKIN, ANNA, CA  
[72] STOVER, HARALD D. H., CA  
[71] MCMASTER UNIVERSITY, CA  
[22] 2000-06-12  
[43] 2001-12-12

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[21] **2,311,208**  
[13] A1  
[51] **Int.Cl. 7B65D 43/22**  
[25] EN  
[54] **PACKAGING DEVICE**  
[54] **DISPOSITIF DE CONDITIONNEMENT**  
[72] HEXAMER, DONALD, CA  
[71] TRI-CITY PACKAGING LTD., CA  
[22] 2000-06-12  
[43] 2001-12-12

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[21] **2,311,214**  
[13] A1  
[51] **Int.Cl. 7F04B 49/02 7F04C 15/00 7F04B 47/02**  
[25] EN  
[54] **PUMP BRAKE SYSTEM WITH INTERCHANGEABLE DRIVE FORCE**  
[54] **SYSTEME DE FREINS A POMPE A FORCE MOTRICE INTERCHANGEABLE**  
[72] GRENKE, EDUARD, CA  
[71] GRENKE, EDUARD, CA  
[22] 2000-06-09  
[43] 2001-12-09

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[21] **2,311,215**  
[13] A1  
[51] **Int.Cl. 7E21B 21/10**  
[25] EN  
[54] **FLOW THROUGH BYPASS TUBING PLUG**  
[54] **BOUCHON DE CANALISATION DE DERIVATION D'ECOULEMENT**  
[72] ALBERS, TIM, CA  
[71] LONKAR SERVICES LTD., CA  
[22] 2000-06-12  
[43] 2001-12-12

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[21] **2,311,219**  
[13] A1  
[51] **Int.Cl. 7F17D 1/00 7F17D 1/05 7F17D 3/12**  
[25] EN  
[54] **METHOD AND APPARATUS FOR REDUCING OPERATING COSTS AND EMISSIONS IN A PUMPING INSTALLATION**  
[54] **TECHNIQUE ET APPAREIL POUR REDUIRE LES COUTS D'EXPLOITATION ET LES EMISSIONS D'UNE INSTALLATION DE POMPAGE**  
[72] SCHACHER, GALEN, CA  
[71] SCHACHER, GALEN, CA  
[22] 2000-06-12  
[43] 2001-12-12

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[21] **2,311,222**  
[13] A1  
[51] **Int.Cl. 7E04B 2/32 7E04C 2/06 7E04B 2/84**  
[25] EN  
[54] **CONCRETE PANEL CONSTRUCTION SYSTEM**  
[54] **SYSTEME DE CONSTRUCTION DE PANNEAUX DE BETON**  
[72] DILORENZO, NICK, CA  
[71] BRENTMUIR DEVELOPMENTS (1993) LIMITED, CA  
[22] 2000-06-09  
[43] 2001-12-09

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[21] **2,311,223**  
[13] A1  
[51] **Int.Cl. 7C04B 35/82**  
[25] EN  
[54] **IMPROVED SIEVE-BEND SEPARATION OF FIBRE IN A WET PROCESS FOR ASBESTOS FIBRE RECOVERY**  
[54] **METHODE AMELIOREE DE SEPARATION DES FIBRES SUR TAMIS COURBE DANS UN PROCEDE DE RECUPERATION PAR VOIE HUMIDE DES FIBRES D'AMIANTE**  
[72] LEES, JEREMY J., CA  
[71] CASSIAR MAGNESIUM INC., CA  
[22] 2000-06-13  
[43] 2001-12-13

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**Demandes canadiennes mises à la disponibilité du public**  
**9 decembre 2001 - 15 decembre 2001**

[21] **2,311,225**  
[13] A1

[51] **Int.Cl. 7B27B 17/00**  
[25] EN  
[54] **CHAIN SAW JIG**  
[54] **BATI POUR SCIE A CHAINE**  
[72] PORTER, GERALD R., US  
[71] PORTER, GERALD R., US  
[22] 2000-06-09  
[43] 2001-12-09

[21] **2,311,252**  
[13] A1

[51] **Int.Cl. 7G06F 17/40 7G01N 1/00**  
[25] EN  
[54] **INTEGRATED WATER QUALITY MONITORING SYSTEM**  
[54] **SYSTEME DE CONTROLE INTEGRE DE LA QUALITE DE L'EAU**  
[72] GREEN, RONALD, CA  
[72] WARN, HELEN, CA  
[71] WATERTRAX INC., CA  
[22] 2000-06-09  
[43] 2001-12-09

[21] **2,311,403**  
[13] A1

[51] **Int.Cl. 7H02K 5/00 7H02K 5/16**  
[25] EN  
[54] **BRACKET ASSEMBLY FOR A DYNAMOELECTRIC MACHINE**  
[54] **CONSOLE POUR MACHINE ELECTRODYNAMIQUE**  
[72] FIFE, W. R. HUGH, CA  
[71] GENERAL ELECTRIC CANADA INC., CA  
[22] 2000-06-13  
[43] 2001-12-13

[21] **2,311,229**  
[13] A1

[51] **Int.Cl. 7B65D 90/04 7B32B 1/02**  
[25] EN  
[54] **METHOD OF INSTALLING A TANK LINER**  
[54] **METHODE D'INSTALLATION D'UN REVETEMENT A L'INTERIEUR D'UN RESERVOIR**  
[72] HEATH, BRIAN, CA  
[71] MOCOAT SERVICES '98 LTD., CA  
[22] 2000-06-09  
[43] 2001-12-09

[21] **2,311,258**  
[13] A1

[51] **Int.Cl. 7A63B 57/00 7A45F 5/02**  
[25] EN  
[54] **HOLDER FOR TEES**  
[54] **SUPPORT POUR TES**  
[72] REID, ABEL PATTRICK, CA  
[71] REID, ABEL PATTRICK, CA  
[22] 2000-06-09  
[43] 2001-12-09

[21] **2,311,406**  
[13] A1

[51] **Int.Cl. 7B27B 31/06 7B27B 11/00 7B27B 27/10**  
[25] EN  
[54] **LUMBER POSITIONING APPARATUS FOR END TRIMMING**  
[54] **POSITIONNEUR DE BOIS D'OEUVRE POUR EBRANCHAGE**  
[72] GAGNON, ANDRE, CA  
[71] DENIS COMACT CHICOUTIMI INC., CA  
[22] 2000-06-13  
[43] 2001-12-13

[21] **2,311,232**  
[13] A1

[51] **Int.Cl. 7G07F 9/00 7G07D 1/00 7G07F 17/32**  
[25] EN  
[54] **CASINO MONEY BUCKET**  
[54] **BAC COLLECTEUR DE MONNAIE POUR CASINO**  
[72] FLORKEY, DONALD B., SR., US  
[71] FLORKEY, DONALD B., SR., US  
[22] 2000-06-13  
[43] 2001-12-13

[21] **2,311,278**  
[13] A1

[51] **Int.Cl. 7A61C 3/00**  
[25] FR  
[54] **APPLICATEUR ET METHODE POUR L'APPLICATION D'UN AGENT DE SCELLEMENT SUR SURFACES DENTAIREES LISSES**  
[54] **APPLICATOR AND METHOD FOR APPLYING A SEALANT ON SMOOTH DENTAL SURFACES**  
[72] KARAZIVAN, NAIM, CA  
[71] NEKS RECHERCHE & DEVELOPPEMENT INC., CA  
[22] 2000-06-09  
[43] 2001-12-09

[21] **2,311,433**  
[13] A1

[51] **Int.Cl. 7H04B 10/06 7H04B 10/14**  
[25] EN  
[54] **PARALLEL OPTO-ELECTRIC STRUCTURE FOR HIGH SENSITIVITY AND WIDE BANDWIDTH OPTICAL TRANSCEIVER**  
[54] **STRUCTURE ELECTRO-OPTIQUE PARALLELE POUR UN EMETTEUR-RECEPTEUR OPTIQUE A GRANDE SENSIBILITE ET GRANDE LARGEUR DE BANDE**  
[72] FENG, KAI D., US  
[71] IBM CANADA LIMITED-IBM CANADA LIMITEE, CA  
[22] 2000-06-13  
[43] 2001-12-13

[21] **2,311,248**  
[13] A1

[51] **Int.Cl. 7E06B 1/04**  
[25] EN  
[54] **NON-LEAKING WINDOW FRAME STRUCTURE**  
[54] **STRUCTURE DE CADRE DE FENETRE A L'EPREUVE DES FUTES**  
[72] GOULD, CHARLES H., CA  
[71] MARZEN ARTISTIC ALUMINUM LTD., CA  
[22] 2000-06-09  
[43] 2001-12-09

[21] **2,311,342**  
[13] A1

[51] **Int.Cl. 7A61H 1/00 7A63H 33/00**  
[25] EN  
[54] **ACTIVITY DEVICE**  
[54] **DISPOSITIF D'ACTIVITES**  
[72] MARTINS, MARIA, CA  
[71] MARTINS, MARIA, CA  
[22] 2000-06-13  
[43] 2001-12-13



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[21] **2,311,434**  
[13] A1  
[51] **Int.Cl. 7H04B 10/06 7H04B 10/14**  
[25] EN  
[54] **DIFFERENTIAL PHOTOELECTRIC RECEIVER CIRCUIT**  
[54] **CIRCUIT RECEPTEUR PHOTOELECTRIQUE DIFFERENTIEL**  
[72] FENG, KAI D., US  
[72] HARTLEY, LEE F., US  
[71] IBM CANADA LIMITED-IBM CANADA LIMITEE, CA  
[22] 2000-06-13  
[43] 2001-12-13

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[21] **2,311,435**  
[13] A1  
[51] **Int.Cl. 7H04B 10/04 7H04B 10/14**  
[25] EN  
[54] **CAPACITOR REGULATED HIGH EFFICIENCY DRIVER FOR LIGHT EMITTING DIODE**  
[54] **CIRCUIT D'ATTAQUE A HAUT RENDEMENT COMMANDE PAR CONDENSATEUR POUR DIODE ELECTROLUMINESCENTE**  
[72] FENG, KAI D., US  
[71] IBM CANADA LIMITED-IBM CANADA LIMITEE, CA  
[22] 2000-06-13  
[43] 2001-12-13

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[21] **2,311,436**  
[13] A1  
[51] **Int.Cl. 7G02F 1/09**  
[25] EN  
[54] **FARADAY ROTATION ANGLE VARYING DEVICE**  
[54] **DISPOSITIF DE VARIATION DE L'ANGLE DE ROTATION FARADAY**  
[72] KAWAI, HIROTAKA, JP  
[72] UMEZAWA, HIROMITSU, JP  
[71] FDK CORPORATION, JP  
[22] 2000-06-13  
[43] 2001-12-13

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[21] **2,311,509**  
[13] A1  
[51] **Int.Cl. 7A61L 2/28 7A61L 2/16**  
[25] EN  
[54] **METHOD OF MONITORING STERILIZATION AND INDICATOR THEREFOR**  
[54] **METHODE DE CONTROLE DE L'ETAT DE STERILISATION ET INDICATEUR CONNEXE**  
[72] DUFRESNE, SYLVIE, CA  
[72] BOULAY, ROBERT, CA  
[71] TECHNOLOGIES OF STERILIZATION WITH OZONE TS03 INC., CA  
[22] 2000-06-14  
[43] 2001-12-14

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[21] **2,311,524**  
[13] A1  
[51] **Int.Cl. 7B60B 33/00 7B60B 33/04**  
[25] EN  
[54] **DEFLECTING SPRING CASTER**  
[54] **ROULETTE A RESSORT A DEFLECTEUR**  
[72] GUTTMANN, CRAIG J., CA  
[72] LEMAK, CSABA, CA  
[72] GUTTMANN, SEAN, CA  
[72] DEPINTO, PETER, CA  
[71] ALGOOD CASTERS LIMITED, CA  
[22] 2000-06-14  
[43] 2001-12-14

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[21] **2,311,542**  
[13] A1  
[51] **Int.Cl. 7E05B 17/20**  
[25] EN  
[54] **AN ANTI THEFT DOOR LOCK ACCESSORY**  
[54] **ACCESSOIRE DE VERROUILLAGE ANTIVOL POUR PORTE**  
[72] GUILLEMETTE, CHRISTIAN, CA  
[71] SÉCURIBAR INC., CA  
[22] 2000-06-14  
[43] 2001-12-14

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[21] **2,311,562**  
[13] A1  
[51] **Int.Cl. 7H05B 1/02 7G03G 21/20**  
[25] EN  
[54] **POWER CONTROL CIRCUIT FOR THE HEATING ELEMENT OF AN ELECTROPHOTOGRAPHIC DEVICE**  
[54] **CIRCUIT DE COMMANDE D'ALIMENTATION POUR L'ELEMENT CHAUFFANT D'UN DISPOSITIF ELECTROPHOTOGRAPHIQUE**  
[72] DRAGOJEVIC, MILAN, CA  
[72] DE MAIO, DOMINGO A., CA  
[71] CELESTICA INTERNATIONAL INC., CA  
[22] 2000-06-14  
[43] 2001-12-14

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[21] **2,311,577**  
[13] A1  
[51] **Int.Cl. 7B21D 43/00**  
[25] EN  
[54] **TRANSFER APPARATUS**  
[54] **APPAREIL DE TRANSFERT**  
[72] KADLEC, JAN, CA  
[71] KADLEC, JAN, CA  
[22] 2000-06-14  
[43] 2001-12-14

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[21] **2,311,579**  
[13] A1  
[51] **Int.Cl. 7G05B 19/05 7G06F 13/38 7G06F 9/445**  
[25] EN  
[54] **ELECTRICAL CONTROL APPARATUS INCLUDING RETRIEVABLE STORED OPERATION PROGRAM**  
[54] **APPAREIL DE COMMANDE ELECTRIQUE INTEGRANT UN PROGRAMME D'EXPLOITATION STOCKE RECUPERABLE**  
[72] WIEBE, CORY J., CA  
[72] POOLE, MARK C., CA  
[72] KUUSELA, MICHAEL ANTON, CA  
[72] MOORE, KELLY JAMES, CA  
[71] VANSCO ELECTRONICS LTD., CA  
[22] 2000-06-14  
[43] 2001-12-14

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[21] **2,311,594**  
[13] A1

[51] **Int.Cl. 7G06F 17/60 7H04L 12/16 7G06F 17/30**  
[25] EN  
[54] **SYSTEM AND METHOD FOR OFFERING GOODS AND/OR SERVICES ON AN ELECTRONIC MEDIUM**  
[54] **SYSTEME ET METHODE PERMETTANT D'OFFRIR DES BIENS ET/OU DES SERVICES SUR SUPPORT ELECTRONIQUE**  
[72] SIMIC, BORIS, CA  
[72] BOLTON, CHRISTOPHER JOHN, CA  
[72] POSTE, JEFFREY ROSS, CA  
[72] DAI, NGUYEN VU VIEN, CA  
[72] CHOY, KENT KWOK-KENG, CA  
[72] JACQUES, MARCEL ALEXANDRE JOSEPH, CA  
[71] PREFERSOFT INC., CA  
[22] 2000-06-14  
[43] 2001-12-14

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[21] **2,311,622**  
[13] A1

[51] **Int.Cl. 7G01N 35/00 7B01L 3/00 7C12M 1/00**  
[25] EN  
[54] **SUB-NANOLITER LIQUID DROP DISPENSING SYSTEM AND METHOD THEREFOR**  
[54] **DISTRIBUTEUR GOUTTE A GOUTTE DE QUANTITES INFERIEURES AU NANOLITRE, ET METHODE CONNEXE**  
[72] HOUMMADY, MOUSSA, CA  
[71] HOUMMADY, MOUSSA, CA  
[22] 2000-06-15  
[43] 2001-12-15

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[21] **2,311,650**  
[13] A1

[51] **Int.Cl. 7B21C 35/06 7B08B 3/12**  
[25] EN  
[54] **METHOD AND APPARATUS FOR THE ULTRASONIC CLEANING OF A WIRE-DRAWING DIE**  
[54] **METHODE ET APPAREIL DE NETTOYAGE ULTRASONIQUE D'UNE MATRICE DE TREFILAGE**  
[72] AL-JIBOORY, MUHAMMED MEKKI, CA  
[71] DYNAMOTIVE TECHNOLOGIES CORPORATION, CA  
[22] 2000-06-14  
[43] 2001-12-14

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[21] **2,311,694**  
[13] A1

[51] **Int.Cl. 7A01D 75/00 7A01D 57/00 7A01D 84/00**  
[25] EN  
[54] **ADJUSTABLE WIDTH FLOATING SWATH ROLLER**  
[54] **ROULEAU D'ANDAINAGE FLOTTANT A LARGEUR REGLABLE**  
[72] CRESSWELL, MARK, CA  
[72] BOURGAULT, GERARD, CA  
[72] GLANVILLE, BILL, CA  
[72] HANTKE, GLENN, CA  
[71] BOURGAULT INDUSTRIES LTD., CA  
[22] 2000-06-15  
[43] 2001-12-15

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[21] **2,311,695**  
[13] A1

[51] **Int.Cl. 7G06K 19/06 7G07F 19/00 7G06F 17/60**  
[25] EN  
[54] **MAGNETIC PIGGY BANK CARD**  
[54] **CARTE TIRELIRE MAGNETIQUE**  
[72] PASHANDI, PASHA MIRZAHASSAN, CA  
[72] REZA, HAMID, CA  
[71] PASHANDI, PASHA MIRZAHASSAN, CA  
[71] REZA, HAMID, CA  
[22] 2000-06-09  
[43] 2001-12-09

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[21] **2,311,698**  
[13] A1

[51] **Int.Cl. 7A01C 7/20 7G01F 25/00**  
[25] EN  
[54] **SEEDER CALIBRATION APPARATUS AND METHOD**  
[54] **APPAREIL ET METHODE D'ETALONNAGE DE SEMOIR**  
[72] BORSTMAYER, DARREN, CA  
[72] CRESSWELL, MARK, CA  
[72] BOURGAULT, GERARD, CA  
[71] BOURGAULT INDUSTRIES LTD., CA  
[22] 2000-06-15  
[43] 2001-12-15

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[21] **2,311,708**  
[13] A1

[51] **Int.Cl. 7A61K 31/445 7A61K 45/06**  
[25] EN  
[54] **METHOD OF TREATING DEPRESSION USING L-THREO-METHYLPHENIDATE**  
[54] **METHODE DE TRAITEMENT DE LA DEPRESSION A L'AIDE DE L-THREO-METHYLPHENIDATE**  
[72] KUMAR, VIJAI, US  
[72] MIDHA, KAMAL K., BM  
[72] TEICHER, MARTIN, US  
[71] PHARMAQUEST LIMITED, BM  
[22] 2000-06-15  
[43] 2001-12-15

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[21] **2,311,716**  
[13] A1

[51] **Int.Cl. 7H01R 12/02**  
[25] EN  
[54] **PRINTED CIRCUIT BOARD HAVING LOW IMPEDANCE INTERCONNECT STRUCTURE**  
[54] **CARTE DE CIRCUIT IMPRIME A STRUCTURE D'INTERCONNEXION DE BASSE IMPEDANCE**  
[72] ROHDE, JOHN C., US  
[72] KOSTEVA, STEPHEN JOHN, US  
[72] PULLEN, STEPHEN R., US  
[72] SHUMIN, WILLIAM A., US  
[72] ELMORE, MICHAEL S., US  
[71] CELESTICA INTERNATIONAL INC., CA  
[22] 2000-06-15  
[43] 2001-12-14  
[30] US (09/593,752) 2000-06-14

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[21] **2,311,724**  
[13] A1

[51] **Int.Cl. 7C25C 7/02**  
[25] EN  
[54] **LEAD ELECTRODE STRUCTURE HAVING MESH SURFACE**  
[54] **STRUCTURE D'ELECTRODE EN PLOMB AVEC SURFACE A TAMIS**  
[72] GETSY, ANDY W., US  
[72] SCHUE, THOMAS J., US  
[72] BISHARA, JERIES I., US  
[72] TURK, THOMAS R., US  
[72] ERNES, LYNNE M., US  
[72] POHTO, GERALD R., US  
[72] BROWN, CARL W., JR., US  
[72] MARTIN, BARRY L., US  
[72] HARDEE, KENNETH L., US  
[71] ELTECH SYSTEMS CORPORATION, US  
[22] 2000-06-15  
[43] 2001-12-15

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[21] **2,311,732**  
[13] A1  
[51] **Int.Cl. 7B62B 7/00**  
[25] EN  
[54] **STROLLER**  
[54] **POUSSETTE**  
[72] LAN, RED, TW  
[71] LAN, RED, TW  
[22] 2000-06-14  
[43] 2001-12-14

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[21] **2,311,739**  
[13] A1  
[51] **Int.Cl. 7B63B 7/00 7B63C 9/01**  
[25] EN  
[54] **FOLDING BOAT**  
[54] **EMBARCATION PLIANTE**  
[72] GILLIGAN, PATRICK, CA  
[71] BOMBARDIER INC., CA  
[22] 2000-06-15  
[43] 2001-12-15

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[21] **2,311,824**  
[13] A1  
[51] **Int.Cl. 7H04L 12/16**  
[25] EN  
[54] **REAL-TIME NETWORK  
PERSONALITY ANALYSIS METHOD  
AND SYSTEM**  
[54] **METHODE ET SYSTEME  
D'ANALYSE DE PERSONNALITE SUR  
RESEAU EN TEMPS REEL**  
[72] CHEN, CHIH-MIN, TW  
[71] PCYI NETWORK CORPORATION,  
TW  
[22] 2000-06-15  
[43] 2001-12-15

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[21] **2,311,859**  
[13] A1  
[51] **Int.Cl. 7G06F 9/445**  
[25] EN  
[54] **UNIVERSAL CONTACT AND  
SEARCH APPLICATION**  
[54] **INTERFACE DE RECHERCHE ET  
DE LANCEMENT AUTOMATIQUE DES  
APPLICATIONS**  
[72] GHORASHI-ZADEH, ROD, CA  
[72] FEATHERSTONE, J. GRENFELL, CA  
[71] MILINX BUSINESS GROUP, INC., US  
[22] 2000-06-16  
[43] 2001-12-13  
[30] US (UNKNOWN) 2000-06-13

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[21] **2,311,870**  
[13] A1  
[51] **Int.Cl. 7G06F 9/45**  
[25] EN  
[54] **XML BASED SYSTEM FOR  
UPDATING A DOMAIN MODEL AND  
GENERATING A FORMATTED  
OUTPUT**  
[54] **SYSTEME EN LANGAGE XML  
POUR LA MISE A JOUR D'UN MODELE  
DE DOMAINE ET LA GENERATION  
D'UNE SORTIE FORMATEE**  
[72] SLUIMAN, HARM, CA  
[72] LEE-LOY, SHELDON A., CA  
[72] BIRSAN, DORIAN, CA  
[71] IBM CANADA LIMITED-IBM  
CANADA LIMITEE, CA  
[22] 2000-06-15  
[43] 2001-12-15

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[21] **2,312,194**  
[13] A1  
[51] **Int.Cl. 7C07C 21/18 7C08F 228/02  
7C08F 230/02 7C08F 220/28**  
[25] FR  
[54] **ELASTOMERES RETICULABLES  
FLUORES BROMOSULFONES A  
FAIBLE TG A BASE DE FLUORURE DE  
VINYLIDENE ET NE CONTENANT NI  
DU TETRAFLUROETHYLENE NI DE  
GROUPEMENT SILOXANE**  
[54] **FLUORINATED, BROMO-  
SULFONATED CURABLE  
ELASTOMERS, WITH A LOW GT,  
DERIVED FROM VINYLIDENE  
FLUORIDE AND CONTAINING  
NEITHER TETRAFLUROETHYLENE  
NOR A SILOXANE GROUP**  
[72] MANSERI, ABDELLATIF, FR  
[72] AMEDURI, BRUNO MICHEL, FR  
[72] ARMAND, MICHEL, CA  
[72] BOUCHER, MARIO, CA  
[71] HYDRO-QUEBEC, CA  
[22] 2000-06-13  
[43] 2001-12-13

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[21] **2,312,197**  
[13] A1  
[51] **Int.Cl. 7A61B 5/103**  
[25] FR  
[54] **VIRTUAL BODY MARKUP  
LANGUAGE (VBML)**  
[54] **VIRTUAL BODY MARKUP  
LANGUAGE (VBML)**  
[72] BESSETTE, LUC, CA  
[71] BESSETTE, LUC, CA  
[22] 2000-06-13  
[43] 2001-12-13

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[21] **2,312,213**  
[13] A1  
[51] **Int.Cl. 7H01M 10/02 7H01M 4/36**  
[25] FR  
[54] **NOUVEAU PROCEDE POUR  
PREPARATION DES ELECTRODES ET  
ELECTROLYTES POUR LES  
BATTERIES LI-ION**  
[54] **NEW PROCESS FOR PREPARING  
ELECTRODES AND ELECTROLYTES  
FOR LI-ION BATTERIES**  
[72] ZAGHIB, KARIM, CA  
[72] BROCHU, Fernand, CA  
[72] GUERFI, ABDELBAST, CA  
[71] HYDRO-QUEBEC, CA  
[22] 2000-06-15  
[43] 2001-12-15

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[21] **2,312,253**  
[13] A1  
[51] **Int.Cl. 7B63H 20/36**  
[25] FR  
[54] **UNITE PROTECTRICE DU  
PROPULSEUR D'UNE EMBARCATION  
MARINE**  
[54] **GUARD FOR WATERCRAFT  
PROPULSION GEAR**  
[72] MAROIS, CLAUDE, CA  
[71] MAROIS, CLAUDE, CA  
[22] 2000-06-15  
[43] 2001-12-15

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[21] **2,312,267**  
[13] A1  
[51] **Int.Cl. 7B07B 1/22 7B01F 9/06**  
[25] FR  
[54] **BRASSEUR D'ORDURE**  
[54] **WASTE MIXER**  
[72] DESCHAMPS, FERNAND, CA  
[71] DESCHAMPS, FERNAND, CA  
[22] 2000-06-09  
[43] 2001-12-09

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[21] **2,312,285**  
[13] A1  
[51] **Int.Cl. 7H05B 37/00 7F21S 4/00  
7F21V 23/00**  
[25] EN  
[54] **DISC-SHAPED LIGHT-EMITTING  
DIODE ILLUMINATION DEVICE**  
[54] **DISPOSITIF D'ECLAIRAGE A  
DIODE ELECTROLUMINESCENTE, EN  
FORME DE DISQUE**  
[72] SUNATORI, GO SIMON, CA  
[71] SUNATORI, GO SIMON, CA  
[22] 2000-06-15  
[43] 2001-12-15

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**9 decembre 2001 - 15 decembre 2001**

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[21] **2,312,862**  
[13] A1

[51] **Int.Cl. 7F23N 5/02 7F23Q 25/00 7F24D 19/10**  
[25] EN  
[54] **AUTOMATIC PUTTING-OUT APPARATUS**  
[54] **APPAREIL D'ARRET AUTOMATIQUE**  
[72] KIM, YOON-GUK, KR  
[71] PASECO CO., LTD., KR  
[22] 2000-06-29  
[43] 2001-12-09  
[30] KR (00-31534) 2000-06-09

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[21] **2,313,800**  
[13] A1

[51] **Int.Cl. 7B65D 90/24**  
[25] EN  
[54] **SECONDARY CONTAINMENT AND DRAINAGE SYSTEM FOR ABOVE-GROUND STORAGE TANKS**  
[54] **SYSTEME DE DRAINAGE ET DE CONFINEMENT SECONDAIRE POUR RESERVOIRS DE STOCKAGE DE SURFACE**  
[72] MACY, STEPHEN C., US  
[72] ALLWEIN, STEVEN P., US  
[71] MACY, STEPHEN C., US  
[71] ALLWEIN, STEVEN P., US  
[22] 2000-07-11  
[43] 2001-12-14  
[30] US (09/593,213) 2000-06-14

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[21] **2,313,907**  
[13] A1

[51] **Int.Cl. 7H04L 12/16**  
[25] EN  
[54] **SMS MESSAGING**  
[54] **MESSAGERIE SMC**  
[72] ARMSTRONG, CHRISTOPHER, IE  
[71] 2PM TECHNOLOGIES LIMITED, IE  
[22] 2000-07-14  
[43] 2001-12-12  
[30] EP (00650067.2) 2000-06-12

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[21] **2,315,133**  
[13] A1

[51] **Int.Cl. 7H01M 8/04 7H01M 8/10**  
[25] EN  
[54] **CATALYTIC HUMIDIFIER AND HEATER, PRIMARILY FOR HUMIDIFICATION OF THE OXIDANT STREAM FOR A FUEL CELL**  
[54] **HUMIDIFICATEUR ET RECHAUFFEUR DE NATURE CATALYTIQUE, PRINCIPALEMENT UTILISES POUR L'HUMIDIFICATION DANS LE CIRCUIT OXYDANT D'UNE PILE A COMBUSTIBLE**  
[72] CARGNELLI, JOE, CA  
[72] RIVARD, PIERRE, CA  
[72] CHEN, XUESONG, CA  
[72] FRANK, DAVID, CA  
[71] HYDROGENICS CORPORATION, CA  
[22] 2000-08-04  
[43] 2001-12-13  
[30] US (09/592,347) 2000-06-13

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[21] **2,315,134**  
[13] A1

[51] **Int.Cl. 7H01M 8/04 7H01M 8/10**  
[25] EN  
[54] **WATER RECOVERY IN THE ANODE SIDE OF A PROTON EXCHANGE MEMBRANE FUEL CELL**  
[54] **RECUPERATION DE L'EAU DANS LA SECTION DE L'ANODE D'UNE PILE A COMBUSTIBLE A MEMBRANE ECHANGEUSE DE PROTONS**  
[72] CHEN, XUESONG, CA  
[72] FRANK, DAVID, CA  
[71] HYDROGENICS CORPORATION, CA  
[22] 2000-08-04  
[43] 2001-12-13  
[30] US (09/592,643) 2000-06-13

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[21] **2,315,138**  
[13] A1

[51] **Int.Cl. 7H01M 8/24 7H01M 8/04**  
[25] EN  
[54] **FUEL CELL WITH DUAL END PLATE HUMIDIFIERS**  
[54] **PILE A COMBUSTIBLE AVEC HUMIDIFICATEURS A PLATEAUX COMPORTANT DEUX EXTREMITES**  
[72] CHEN, XUESONG, CA  
[72] FRANK, DAVID, CA  
[71] HYDROGENICS CORPORATION, CA  
[22] 2000-08-04  
[43] 2001-12-13  
[30] US (09/592,645) 2000-06-13

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[21] **2,315,139**  
[13] A1

[51] **Int.Cl. 7H01M 8/04 7H01M 8/10**  
[25] EN  
[54] **CATALYTIC HUMIDIFIER AND HEATER FOR THE FUEL STREAM OF A FUEL CELL**  
[54] **HUMIDIFICATEUR ET APPAREIL DE CHAUFFAGE A CATALYSE POUR CIRCUIT DE CARBURANT D'UNE PILE A COMBUSTIBLE**  
[72] RIVARD, PIERRE, CA  
[72] FRANK, DAVID, CA  
[72] CHEN, XUESONG, CA  
[72] CARGNELLI, JOE, CA  
[71] HYDROGENICS CORPORATION, CA  
[22] 2000-08-04  
[43] 2001-12-13  
[30] US (09/592,950) 2000-06-13

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[21] **2,315,576**  
[13] A1

[51] **Int.Cl. 7H01M 8/04**  
[25] EN  
[54] **WATER RECOVERY, PRIMARILY IN THE CATHODE SIDE, OF A PROTON EXCHANGE MEMBRANE FUEL CELL**  
[54] **RECUPERATION DE L'EAU, PRINCIPALEMENT DANS LA SECTION DE LA CATHODE, DANS UNE PILE A COMBUSTIBLE A MEMBRANE ECHANGEUSE DE PROTONS**  
[72] CHEN, XUESONG, CA  
[72] FRANK, DAVID, CA  
[71] HYDROGENICS CORPORATION, CA  
[22] 2000-08-04  
[43] 2001-12-13  
[30] US (09/592,644) 2000-06-13

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[21] **2,316,427**  
[13] A1

[51] **Int.Cl. 7E04F 21/02**  
[25] EN  
[54] **APPARATUS AND METHOD FOR APPLYING MUD TO DRYWALL TAPE**  
[54] **APPAREIL ET METHODE POUR L'APPLICATION DE PATE DE JOINTOYAGE SUR DU RUBAN DE PANNEAUX MURAUX SECS**  
[72] KORMOS, DAVE, CA  
[71] KORMOS, DAVE, CA  
[22] 2000-06-15  
[43] 2001-12-15

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**Canadian Laid-Open Applications  
December 9, 2001 - December 15, 2001**

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[21] **2,318,659**  
[13] A1

[51] **Int.Cl. 7A47B 96/04 7A47B 55/02**  
[25] EN  
[54] **WIRE SHELVING WITH ADJUSTABLE DIVIDER ASSEMBLY FOR MULTIMEDIA AND THE LIKE**  
[54] **RAYONNAGE GRILLAGE A SEPARATEURS REGLABLES POUR MATERIEL MULTIMEDIA**  
[72] DARDASHTI, SHAHRIAR, US  
[71] DARDASHTI, SHAHRIAR, US  
[22] 2000-09-12  
[43] 2001-12-09  
[30] US (09/591,914) 2000-06-09

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[21] **2,319,596**  
[13] A1

[51] **Int.Cl. 7B62B 1/20**  
[25] EN  
[54] **CART AND STAND FOR SUPPORTING AND TRANSPORTING METAL WORKING APPARATUS**  
[54] **CHARIOT ET SUPPORT D'APPUI ET DE TRANSPORT DE DISPOSITIF DE TRAVAIL DES METAUX**  
[72] BABB, LARRY F., US  
[71] EMERSON ELECTRIC CO., US  
[22] 2000-09-14  
[43] 2001-12-13  
[30] US (09/592,718) 2000-06-13

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[21] **2,322,355**  
[13] A1

[51] **Int.Cl. 7E05F 15/16**  
[25] EN  
[54] **AUTOMATIC OVERHEAD DOOR OPENING SYSTEM WITH DUAL MOTOR DRIVE AND AUTOMATIC DOOR LOCK**  
[54] **SYSTEME AUTOMATIQUE D'OUVERTURE DE PORTE BASCULANTE A DEUX MOTEURS ET VERROU DE PORTE AUTOMATIQUE**  
[72] HARVEY, REMY, CA  
[71] HARVEY, REMY, CA  
[22] 2000-10-05  
[43] 2001-12-09

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[21] **2,322,358**  
[13] A1

[51] **Int.Cl. 7A23G 1/26**  
[25] EN  
[54] **METHOD AND DEVICE FOR PRODUCING THIN PIECES OF CHOCOLATE**  
[54] **METHODE ET DISPOSITIF POUR PRODUIRE DE MINCES MORCEAUX DE CHOCOLAT**  
[72] VAN DYCK, KRIS, BE  
[72] VAN DYCK, JAN, BE  
[71] VAN DYCK, KRIS, BE  
[71] VAN DYCK, JAN, BE  
[22] 2000-10-05  
[43] 2001-12-14  
[30] BE (2000/0382) 2000-06-14

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[21] **2,322,914**  
[13] A1

[51] **Int.Cl. 7A44B 13/00 7B60P 7/06**  
[25] EN  
[54] **APPARATUS AND SYSTEM FOR SECURING CARGO**  
[54] **APPAREIL ET SYSTEME POUR L'ARRIMAGE DE CARGAISONS**  
[72] SCHRADER, DARREN E., US  
[71] SCHRADER DANE CORPORATION, US  
[22] 2000-10-11  
[43] 2001-12-14  
[30] US (09/596,019) 2000-06-14

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[21] **2,323,127**  
[13] A1

[51] **Int.Cl. 7B23K 31/02 7B62D 65/02**  
[25] EN  
[54] **METHOD OF MANUFACTURING MULTIPLE KINDS OF PRODUCTS IN ARBITRARILY SELECTED ORDER IN ONE MANUFACTURING LINE**  
[54] **METHODE DE FABRICATION DE PLUSIEURS TYPES DE PRODUITS, SELON UN ORDRE ARBITRAIRE, SUR UNE SEULE CHAINE DE FABRICATION**  
[72] KATO, CHITOSHI, JP  
[72] TOBITA, TADASHI, JP  
[72] NAKAMURA, TAKESHI, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2000-10-11  
[43] 2001-12-12  
[30] JP (175472/2000) 2000-06-12

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[21] **2,324,721**  
[13] A1

[51] **Int.Cl. 7B60K 5/12**  
[25] EN  
[54] **COMPONENT MOUNT FOR A VEHICLE FRAME**  
[54] **SUPPORT POUR CHASSIS DE VEHICULE**  
[72] SCHROEDER, RONALD C., US  
[72] POLLACK, WILLIAM G., JR., US  
[72] WOOLDRIDGE, SCOTT A., US  
[72] VIDUYA, JESUS D., US  
[71] INTERNATIONAL TRUCK AND ENGINE CORPORATION, US  
[22] 2000-10-30  
[43] 2001-12-12  
[30] US (09/591,824) 2000-06-12

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[21] **2,324,854**  
[13] A1

[51] **Int.Cl. 7B30B 15/30 7H02K 15/02**  
[25] EN  
[54] **PARTS HANDLING DEVICE FOR PRESS**  
[54] **DISPOSITIF DE MANUTENTION DE PIECES POUR PRESSE**  
[72] QIN, JIANLAI, US  
[72] MATZ, ANTHONY, US  
[71] TEMPEL STEEL COMPANY, INC., US  
[22] 2000-11-02  
[43] 2001-12-13  
[30] US (09/593,052) 2000-06-13

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[21] **2,326,788**  
[13] A1

[51] **Int.Cl. 7F04B 35/04 7F04B 39/00 7B60T 17/02**  
[25] EN  
[54] **LOCOMOTIVE AIR COMPRESSOR WITH AN ELECTRIC MOTOR SUPPORTED BY AN EXTERNAL BEARING**  
[54] **COMPRESSEUR D'AIR DE LOCOMOTIVE AVEC MOTEUR ELECTRIQUE SOUTENU PAR UN PALIER EXTERNE**  
[72] GOETTEL, WALTER E., US  
[72] VARNEY, JAMES, US  
[72] CUNKELMAN, BRIAN L., US  
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US  
[22] 2000-11-23  
[43] 2001-12-14  
[30] US (593,558) 2000-06-14

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**9 decembre 2001 - 15 decembre 2001**

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[21] **2,326,826**  
[13] A1

[51] **Int.Cl. 7F04B 39/00 7B60T 17/02 7F04B 35/04**  
[25] EN  
[54] **LOCOMOTIVE AIR COMPRESSOR WITH MOTOR SUPPORTED BY OUTSIDE BEARING**  
[54] **COMPRESSEUR D'AIR DE LOCOMOTIVE AVEC MOTEUR SOUTENU PAR UN PALIER EXTERIEUR**  
[72] VARNEY, JAMES, US  
[72] CUNKELMAN, BRIAN L., US  
[72] GOETTEL, WALTER E., US  
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US  
[22] 2000-11-23  
[43] 2001-12-14  
[30] US (593,559) 2000-06-14

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[21] **2,328,675**  
[13] A1

[51] **Int.Cl. 7B08B 9/032**  
[25] EN  
[54] **PORTABLE APPARATUS FOR ROTATABLY MAINTAINING A PUMPING CONDUIT ON AN INCLINE**  
[54] **APPAREIL PORTATIF POUR LE MAINTIEN D'UN CONDUIT DE POMPAGE EN ROTATION ET EN POSITION INCLINEE**  
[72] FERREIRA, FERNANDO M., US  
[71] FERREIRA, FERNANDO M., US  
[22] 2000-12-18  
[43] 2001-12-10  
[30] US (09/590,603) 2000-06-10

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[21] **2,334,452**  
[13] A1

[51] **Int.Cl. 7B65D 1/22 7B65D 43/16**  
[25] EN  
[54] **PACKAGING DEVICE**  
[54] **DISPOSITIF D'EMBALLAGE**  
[72] HEXAMER, DONALD, CA  
[71] TRI-CITY PACKAGING LTD., CA  
[22] 2001-02-07  
[43] 2001-12-12  
[30] US (09/690,715) 2000-10-18  
[30] CA (2,311,208) 2000-06-12

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[21] **2,336,755**  
[13] A1

[51] **Int.Cl. 7A63G 31/00**  
[25] EN  
[54] **RECEATION SYSTEM WITH RAIN FOREST THEME**  
[54] **SYSTEME RECREATIF SOUS FORME DE FORET PLUVIALE**  
[72] BYRD, DANIEL V., US  
[71] PLAYCORE, INC., US  
[22] 2001-02-14  
[43] 2001-12-12  
[30] US (09/592,152) 2000-06-12

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[21] **2,337,278**  
[13] A1

[51] **Int.Cl. 7H03K 19/0185**  
[25] EN  
[54] **MOS TRANSISTOR OUTPUT CIRCUITS USING PMOS TRANSISTORS**  
[54] **CIRCUITS DE SORTIE A TRANSISTORS PMOS**  
[72] ILIASEVITCH, STEPAN, CA  
[71] NORTEL NETWORKS LIMITED, CA  
[22] 2001-02-16  
[43] 2001-12-13  
[30] US (09/592,779) 2000-06-13

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[21] **2,337,983**  
[13] A1

[51] **Int.Cl. 7B60D 1/58**  
[25] EN  
[54] **SECURITY HOOK WITH DOUBLE REVERSE BEND**  
[54] **CROCHET DE SURETE A DOUBLE COURBURE**  
[72] SIMPSON, DAVID L., US  
[72] DOLAN, ROBERT A., US  
[71] U-HAUL INTERNATIONAL, INC., US  
[22] 2001-02-26  
[43] 2001-12-15  
[30] US (09/594,927) 2000-06-15

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[21] **2,340,150**  
[13] A1

[51] **Int.Cl. 7H01J 49/26 7H01J 49/42**  
[25] EN  
[54] **METHODS AND APPARATUS FOR MASS SPECTROMETRY**  
[54] **METHODES ET APPAREIL POUR LA SPECTROMETRIE DE MASSE**  
[72] BATEMAN, ROBERT HAROLD, GB  
[72] HOYES, JOHN BRIAN, GB  
[71] MICROMASS LIMITED, GB  
[22] 2001-03-09  
[43] 2001-12-09  
[30] GB (0014062.4) 2000-06-09  
[30] GB (0101048.7) 2001-01-15  
[30] GB (0105227.3) 2001-03-02

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[21] **2,340,310**  
[13] A1

[51] **Int.Cl. 7H02K 13/00 7H01R 4/02**  
[25] EN  
[54] **ELECTRIC ROTATING MACHINE AND METHOD OF CONNECTING FEEDING LEAD WIRES THERETO**  
[54] **MACHINE ELECTRIQUE TOURNANTE ET METHODE DE RACCORDEMENT DES FILS D'ALIMENTATION**  
[72] SUZUKI, MANABU, JP  
[72] SHIMAMOTO, TADASHI, JP  
[72] EJIMA, HIDEHIRO, JP  
[71] HITACHI, LTD., JP  
[22] 2001-03-09  
[43] 2001-12-09  
[30] JP (2000-179364) 2000-06-09

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[21] **2,340,839**  
[13] A1

[51] **Int.Cl. 7A41D 13/00**  
[25] EN  
[54] **COLLAR SYSTEM FOR FIREFIGHTER'S COAT**  
[54] **COLLET POUR MANTEAU DE SAPEUR-POMPIER**  
[72] SNEDEKER, JULIE A., US  
[71] GLOBE MANUFACTURING CO., US  
[22] 2001-03-15  
[43] 2001-12-15  
[30] US (09/594,043) 2000-06-15

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Canadian Laid-Open Applications  
December 9, 2001 - December 15, 2001

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[21] **2,340,841**  
[13] A1  
[51] **Int.Cl. 7B02C 18/14 7B02C 18/44**  
[25] EN  
[54] **CRUSHING DEVICE**  
[54] **DISPOSITIF DE CONCASSAGE**  
[72] NAKAGOMI, SHOJI, JP  
[71] NISSUI KAKO CO., LTD., JP  
[22] 2001-03-15  
[43] 2001-12-15  
[30] JP (2000-180488) 2000-06-15

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[21] **2,340,872**  
[13] A1  
[51] **Int.Cl. 7B60N 2/26**  
[25] EN  
[54] **STRAP ADJUSTER FOR JUVENILE VEHICLE SEAT**  
[54] **DISPOSITIF D'AJUSTEMENT DES SANGLES DE SIEGE-AUTO D'ENFANT**  
[72] GLOVER, RICHARD, US  
[72] ROSKO, M. SCOT, US  
[71] COSCO MANAGEMENT, INC., US  
[22] 2001-03-15  
[43] 2001-12-13  
[30] US (09/592,331) 2000-06-13

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[21] **2,341,012**  
[13] A1  
[51] **Int.Cl. 7B02C 18/20 7B02C 18/44**  
[25] EN  
[54] **ROUGHLY FRAGMENTING BLADE AND CRUSHING DEVICE USING THE SAME**  
[54] **LAME DE FRAGMENTATION BRUTE ET DISPOSITIF DE CONCASSAGE UTILISANT CETTE LAME**  
[72] NAKAGOMI, SHOJI, JP  
[71] NISSUI KAKO CO., LTD., JP  
[22] 2001-03-15  
[43] 2001-12-15  
[30] JP (2000-180487) 2000-06-15

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[21] **2,341,342**  
[13] A1  
[51] **Int.Cl. 7A47C 7/54**  
[25] EN  
[54] **ARM HEIGHT ADJUSTMENT MECHANISM FOR A CHAIR**  
[54] **MECANISME DE REGLAGE EN HAUTEUR DES BRAS D'UN FAUTEUIL**  
[72] KOPISH, ANDREW J., US  
[72] DART, MARK D., US  
[71] KRUEGER INTERNATIONAL, INC., US  
[22] 2001-03-20  
[43] 2001-12-09  
[30] US (09/591,326) 2000-06-09

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[21] **2,341,796**  
[13] A1  
[51] **Int.Cl. 7F25B 41/00 7F25B 39/00 7F16L 58/02**  
[25] EN  
[54] **FLUID TRANSPORT**  
[54] **CONDUIT POUR LE TRANSPORT DE LIQUIDE**  
[72] GABOURY, SCOTT R., US  
[72] GOPALNARAYANAN, SIVAKUMAR, US  
[71] ATOFINA CHEMICALS, INC., US  
[22] 2001-03-22  
[43] 2001-12-13  
[30] US (09/592,827) 2000-06-13

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[21] **2,342,064**  
[13] A1  
[51] **Int.Cl. 7C07D 487/22 7A61P 35/00 7A61K 31/409**  
[25] EN  
[54] **LONG WAVELENGTH ABSORBING BACTERIOCHLORIN ALKYL ETHER ANALOGS**  
[54] **ANALOGUES ETHERALKYLIQUES DE BACTERIOCHLORINE POUVANT ABSORBER A DE GRANDES LONGUEURS D'ONDE**  
[72] DOUGHERTY, THOMAS J., US  
[72] POTTER, WILLIAM R., US  
[72] PANDEY, RAVINDRA K., US  
[71] HEALTH RESEARCH, INC., US  
[22] 2001-03-21  
[43] 2001-12-12  
[30] US (09/592,150) 2000-06-12

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[21] **2,342,253**  
[13] A1  
[51] **Int.Cl. 7C09C 3/10 7C09D 133/14 7C09C 1/24 7C09D 133/26 7C09D 5/29**  
[25] EN  
[54] **AQUEOUS COATING COMPOSITIONS HAVING IMPROVED TRANSPARENCY**  
[54] **MATIERES DE REVETEMENT A BASE D'EAU POSSEDANT UNE MEILLEURE TRANSPARENCE**  
[72] KIRSHENBAUM, KENNETH S., US  
[72] VISSCHER, KARYN B., US  
[72] MCINTYRE, PATRICK F., US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[22] 2001-03-26  
[43] 2001-12-15  
[30] US (09/594,422) 2000-06-15

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[21] **2,342,550**  
[13] A1  
[51] **Int.Cl. 7B23D 33/02 7B23K 37/04**  
[25] EN  
[54] **CUTTING APPARATUS WITH THERMAL AND NONTHERMAL CUTTERS, AND ASSOCIATED METHODS**  
[54] **MACHINE DE COUPE A LAMES THERMIQUES ET A LAMES NON THERMIQUES, ET METHODES CONNEXES**  
[72] SEGROVES, JAMES L., US  
[72] BLACKMON, JOSEPH B., US  
[71] THE ESAB GROUP, INC., US  
[22] 2001-03-30  
[43] 2001-12-14  
[30] US (09/593,548) 2000-06-14

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[21] **2,342,651**  
[13] A1  
[51] **Int.Cl. 7H04Q 3/545 7H04M 11/06 7H04L 12/66**  
[25] EN  
[54] **DIGITAL TELECOMMUNICATION NETWORK**  
[54] **RESEAU DE TELECOMMUNICATION NUMERIQUE**  
[72] ZEISS, JOACHIM, AT  
[71] NORTEL NETWORKS LIMITED, CA  
[22] 2001-04-02  
[43] 2001-12-10  
[30] US (09/591,416) 2000-06-10

**Demandes canadiennes mises à la disponibilité du public**  
**9 decembre 2001 - 15 decembre 2001**

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[21] **2,343,685**  
[13] A1

[51] **Int.Cl. 7B29C 47/08**  
[25] EN  
[54] **PRESSURE CONTROLLED FLUID PRESSURE EXTRUSION METHOD**  
[54] **METHODE D'EXTRUSION PAR PRESSION CONTROLEE DE LIQUIDE**  
[72] KANAMARU, HISANOBU, JP  
[72] KOBAYASHI, KAZUTO, JP  
[71] AIDA ENGINEERING CO., LTD., JP  
[22] 2001-04-11  
[43] 2001-12-09  
[30] JP (2000-173006) 2000-06-09

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[21] **2,343,699**  
[13] A1

[51] **Int.Cl. 7G06K 19/07 7B42D 15/10**  
[25] EN  
[54] **CHIP EMBEDDED TRADING CARD, RECORDING AND/OR REPRODUCING APPARATUS THEREFOR, AND COMMUNICATION REALIZING METHOD THEREFOR**  
[54] **CARTE A ECHANGER A PUCE INTEGREE, APPAREIL D'ENREGISTREMENT ET (OU) DE LECTURE CONNEXE ET METHODE DE COMMUNICATION CONNEXE**  
[72] LEE, KANG-HUN, KR  
[72] HONG, WAN-SUN, KR  
[72] KO, KYUNG-WOO, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[22] 2001-04-11  
[43] 2001-12-09  
[30] KR (00-31837) 2000-06-09

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[21] **2,343,851**  
[13] A1

[51] **Int.Cl. 7A24B 1/02**  
[25] EN  
[54] **APPARATUS AND METHOD FOR CURING TOBACCO**  
[54] **DISPOSITIF ET METHODE DE SECHAGE DU TABAC**  
[72] ERDELAC, LEONARD, CA  
[71] DE CLOET LTD., CA  
[22] 2001-04-11  
[43] 2001-12-14  
[30] US (09/593/400) 2000-06-14

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[21] **2,343,921**  
[13] A1

[51] **Int.Cl. 7A01D 41/12 7A01F 29/12 7A01F 12/44**  
[25] EN  
[54] **DISCHARGE GEOMETRY FOR AXIALLY ARRANGED ROTARY SEPARATOR**  
[54] **GEOMETRIE DU SYSTEME D'EVACUATION D'UN SEPARATEUR ROTATIF A SYMETRIE AXIALE**  
[72] PAYNE, JEFFREY RAY, US  
[72] GERBER, MERLE RAY, US  
[71] DEERE & COMPANY, US  
[22] 2001-04-11  
[43] 2001-12-15  
[30] US (09/594,992) 2000-06-15

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[21] **2,344,023**  
[13] A1

[51] **Int.Cl. 7H04L 29/14 7H04Q 7/20**  
[25] EN  
[54] **APPARATUS, METHOD AND SYSTEM FOR PROVIDING A DEFAULT MODE FOR AUTHENTICATION FAILURES IN MOBILE TELECOMMUNICATION NETWORKS**  
[54] **APPAREILLAGE, METHODE ET SYSTEME POUR ETABLIR UN MODE PAR DEFAUT POUR LES ECHECS D'AUTHEMIFICATION DANS LES RESEAUX DE TELECOMMUNICATIONS MOBILES**  
[72] BOLAND, RICHARD ROBERT, US  
[72] GAFRICK, JOHN MATTHEW, US  
[72] MCCORMICK, MARK ALAN, US  
[72] AGARWAL, ANJANA, US  
[71] LUCENT TECHNOLOGIES, INC., US  
[22] 2001-04-17  
[43] 2001-12-12  
[30] US (09/591,759) 2000-06-12

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[21] **2,344,603**  
[13] A1

[51] **Int.Cl. 7G03D 17/00 7G06F 19/00 7G07F 17/00**  
[25] EN  
[54] **A THERMAL PROCESSING SYSTEM AND METHOD INCLUDING A KIOSK**  
[54] **SYSTEME DE TRAITEMENT THERMIQUE COMPRENANT UN TERMINAL**  
[72] LEVY, DAVID H., US  
[72] SZAJEWSKI, RICHARD P., US  
[72] IRVING, MARK E., US  
[72] IRVING, LYN MARIE, US  
[71] EASTMAN KODAK COMPANY, US  
[22] 2001-04-19  
[43] 2001-12-13  
[30] US (09/592,836) 2000-06-13

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[21] **2,344,757**  
[13] A1

[51] **Int.Cl. 7H04L 9/32 7H04Q 7/36**  
[25] EN  
[54] **AN IMPROVED METHOD FOR AN AUTHENTICATION OF A USER SUBSCRIPTION IDENTITY MODULE**  
[54] **METHODE D'AUTHEMIFICATION AMELIOREE D'UN MODULE D'IDENTITE D'ABONNEMENT D'UTILISATEUR**  
[72] MIZIKOVSKY, SEMYON B., US  
[72] MARCOVICI, MICHAEL, US  
[71] LUCENT TECHNOLOGIES, INC., US  
[22] 2001-04-18  
[43] 2001-12-13  
[30] US (09/592,337) 2000-06-13

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[21] **2,344,769**  
[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **SYSTEM AND METHOD FOR ON-LINE ADAPTIVE PREDICTION USING DYNAMIC MANAGEMENT OF MULTIPLE SUB-MODELS**  
[54] **SYSTEME ET METHODE DE PREDICTION ADAPTATIVE EN LIGNE PAR LA GESTION DYNAMIQUE DE SOUS-MODELES MULTIPLES**  
[72] HELLERSTEIN, JOSEPH L., US  
[72] ZHANG, FAN, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 2001-04-20  
[43] 2001-12-09  
[30] US (09/591,122) 2000-06-09

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[21] **2,344,795**  
[13] A1  
[51] **Int.Cl. 7B60T 17/00 7B61H 11/00 7G05B 11/01**  
[25] EN  
[54] **ELECTRICALLY CONTROLLED PNEUMATIC END OF TRAIN PNEUMATIC EMULATION SYSTEM**  
[54] **EXTREMITE PNEUMATIQUE A COMMANDE ELECTRIQUE POUR SYSTEME D'EMULATION PNEUMATIQUE DE TRAIN**  
[72] KULL, ROBERT C., US  
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US  
[22] 2001-04-20  
[43] 2001-12-09  
[30] US (09/590,696) 2000-06-09

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[21] **2,344,899**  
[13] A1  
[51] **Int.Cl. 7H04L 29/08 7H04L 12/54**  
[25] EN  
[54] **POLICY ENFORCEMENT SWITCHING**  
[54] **COMMUTATION D'APPLICATION DE POLITIQUE**  
[72] FREIDMAN, OFIR, IL  
[72] AMITAI, EYAL, IL  
[72] NACHMAN, YARON, IL  
[72] SHABTAY, LIOR, IL  
[71] AVAYA TECHNOLOGY CORP., US  
[22] 2001-04-23  
[43] 2001-12-15  
[30] US (09/596,003) 2000-06-15

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[21] **2,345,195**  
[13] A1  
[51] **Int.Cl. 7G03C 1/498**  
[25] EN  
[54] **COLOR PHOTOTHERMOGRAPHIC ELEMENTS COMPRISING BLOCKED DEVELOPING AGENTS**  
[54] **ELEMENTS DE PHOTOTHERMOGRAPHIE COULEUR COMPRENANT DES AGENTS REVELATEURS INHIBES**  
[72] OWCZARCZYK, ZBYSLAW ROMAN, US  
[72] SEIFERT, JAMES JOSEPH, US  
[72] LEVY, DAVID HOWARD, US  
[72] REYNOLDS, JAMES HENRY, US  
[72] YANG, XIQIANG, US  
[72] SOUTHBY, DAVID THOMAS, US  
[72] IRVING, MARK EDWARD, US  
[72] IRVING, LYN MARIE, US  
[72] MOOBERRY, JARED BEN, US  
[72] SLUSAREK, WOJCIECH KAZIMIERZ, US  
[71] EASTMAN KODAK COMPANY, US  
[22] 2001-04-25  
[43] 2001-12-13  
[30] US (60/211,304) 2000-06-13

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[21] **2,345,434**  
[13] A1  
[51] **Int.Cl. 7G06F 3/16**  
[25] EN  
[54] **SYSTEM AND METHOD FOR CONCURRENT PRESENTATION OF MULTIPLE AUDIO INFORMATION SOURCES**  
[54] **SYSTEME ET METHODE DE PRESENTATION CONCURRENTE DE PLUSIEURS SOURCES D'INFORMATION AUDIO**  
[72] GONG, QING, US  
[72] LEWIS, JAMES R., US  
[72] WANG, HUIFANG, US  
[72] VANBUSKIRK, RONALD E., US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 2001-04-27  
[43] 2001-12-15  
[30] US (09/594,397) 2000-06-15

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[21] **2,345,502**  
[13] A1  
[51] **Int.Cl. 7B65D 30/02 7B65D 81/34 7B65D 65/40**  
[25] EN  
[54] **STAND-UP POLYMERIC BAGS**  
[54] **SACS POLYMERES A MAINTIEN VERTICAL**  
[72] WHITE, THOMAS A., US  
[72] DOBRESKI, DAVID V., US  
[72] MCARTHUR, DOUGLAS J., US  
[72] CURULLA, MARGARET A., US  
[72] CHEN, PAUL N., US  
[72] LONG, STEVEN P., US  
[71] PACTIV CORPORATION, US  
[22] 2001-04-30  
[43] 2001-12-12  
[30] US (09/591,901) 2000-06-12

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[21] **2,345,840**  
[13] A1  
[51] **Int.Cl. 7G03D 5/00 7G06T 1/00 7G06F 17/60**  
[25] EN  
[54] **AN IMAGE PROCESSING AND MANIPULATION SYSTEM**  
[54] **SYSTEME DE TRAITEMENT ET DE MANIPULATION D'IMAGES**  
[72] SZAJEWSKI, RICHARD P., US  
[72] BUHR, JOHN DOUGLAS, US  
[72] SOWINSKI, ALLAN FRANCIS, US  
[71] EASTMAN KODAK COMPANY, US  
[22] 2001-05-01  
[43] 2001-12-13  
[30] US (09/592,816) 2000-06-13

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[21] **2,346,570**  
[13] A1  
[51] **Int.Cl. 7C09D 5/33**  
[25] EN  
[54] **ULTRAVIOLET RESISTANT PREMIX COMPOSITIONS AND ARTICLES USING SUCH COMPOSITIONS**  
[54] **COMPOSITIONS PREMELANGEES RESISTANTES AUX ULTRAVIOLETS ET ARTICLES EMPLOYANT CES COMPOSITIONS**  
[72] VAN DOREN, ROBERT, US  
[72] REYNOLDS, WILLIAM, US  
[71] ELEMENTIS SPECIALTIES, INC., US  
[22] 2001-05-07  
[43] 2001-12-12  
[30] US (09/591,496) 2000-06-12

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**9 decembre 2001 - 15 decembre 2001**

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[21] **2,346,582**  
[13] A1

[51] **Int.Cl. 7A23L 1/182**  
[25] EN  
[54] **GERMINATED BROWN RICE**  
[54] **RIZ BRUN GERME**  
[72] ISHIWATA, KENICHI, JP  
[72] TSUCHIYA, KEIKO, JP  
[72] SUGINO, TOMOMI, JP  
[72] KISE, MITSUO, JP  
[72] TERAMOTO, SACHIYUKI, JP  
[72] SOMEYA, SACHIKO, JP  
[72] AOTO, HIROMICHI, JP  
[72] MIZUKUCHI, AYA, JP  
[72] SHINMURA, HIROTO, JP  
[71] FANCL CORPORATION, JP  
[22] 2001-05-08  
[43] 2001-12-09  
[30] JP (2000-173795) 2000-06-09  
[30] JP (2000-279469) 2000-09-14  
[30] JP (2000-366465) 2000-12-01

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[21] **2,346,630**  
[13] A1

[51] **Int.Cl. 7F24B 1/18 7F24B 5/02**  
[25] EN  
[54] **DIRECT VENT FIREPLACE WITH**  
**BAFFLED, DIRECTIONAL EXHAUST**  
**AND VENT AIR COLUMN**  
[54] **FOYER A VENTILATION**  
**DIRECTE AVEC TUYAU A CHICANE, A**  
**ECHAPPEMENT DIRECTIONNEL ET A**  
**AIR DE VENTILATION**  
[72] CHRISTENSEN, DAVID M., US  
[72] ZAHM, ROBERT B., US  
[72] FLICK, CHRISTOPHER L., US  
[72] BEASEY, CORBIT, US  
[71] AMERICAN HEARTH SYSTEMS  
INCORPORATED, US  
[22] 2001-05-08  
[43] 2001-12-09  
[30] US (09/590,893) 2000-06-09

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[21] **2,347,181**  
[13] A1

[51] **Int.Cl. 7G06F 17/60 7G03D 13/00**  
**7H04N 1/04**  
[25] EN  
[54] **PLURALITY OF PICTURE**  
**APPEARANCE CHOICES FROM A**  
**COLOR PHOTOGRAPHIC**  
**RECORDING MATERIAL INTENDED**  
**FOR SCANNING**  
[54] **DIVERSES PRESENTATIONS**  
**D'UNE PHOTO SUR UN SUPPORT**  
**D'ENREGISTREMENT**  
**PHOTOGRAPHIQUE COULEUR**  
**PERMETTANT LA SELECTION**  
[72] BUHR, JOHN DOUGLAS, US  
[72] SZAJEWSKI, RICHARD P., US  
[72] SOWINSKI, ALLAN FRANCIS, US  
[72] TOPFER, KARIN, US  
[72] BUITANO, LOIS A., US  
[72] WOOLFE, GEOFFREY JOHN, US  
[71] EASTMAN KODAK COMPANY, US  
[22] 2001-05-09  
[43] 2001-12-13  
[30] US (09/592,816) 2000-06-13  
[30] US (09/742,553 (CIP)) 2000-12-20

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[21] **2,347,337**  
[13] A1

[51] **Int.Cl. 7A61K 31/5517 7A61P 11/00**  
[25] EN  
[54] **DIAZEPINOINDOLES FOR THE**  
**TREATMENT OF CHRONIC**  
**OBSTRUCTIVE PULMONARY**  
**DISEASE**  
[54] **DIAZEPINOINDOLES POUR LE**  
**TRAITEMENT DE MALADIES**  
**CHRONIQUES D'OBSTRUCTION**  
**PULMONAIRE**  
[72] DOHERTY, ANNETTE, FR  
[71] WARNER-LAMBERT COMPANY, US  
[22] 2001-05-11  
[43] 2001-12-09  
[30] EP (00401646.5) 2000-06-09

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[21] **2,347,418**  
[13] A1

[51] **Int.Cl. 7B01D 37/02**  
[25] EN  
[54] **IMPROVED FILTRATION OF**  
**PULP MILL LIQUIDS**  
[54] **SYSTEME AMELIORE DE**  
**FILTRATION DES LIQUIDES**  
**PRODUITS DANS UNE USINE DE PATE**  
[72] PHILLIPS, JOSEPH R., US  
[71] ANDRITZ-AHLSTROM INC., US  
[22] 2001-05-10  
[43] 2001-12-14  
[30] US (60/211,876) 2000-06-14  
[30] US (09/843,822) 2001-04-30

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[21] **2,347,438**  
[13] A1

[51] **Int.Cl. 7C25B 11/02 7C25D 17/12**  
[25] EN  
[54] **ELECTRODE CHARACTERIZED**  
**BY HIGHLY ADHERING SUPERFICIAL**  
**CATALYTIC LAYER**  
[54] **ELECTRODE CARACTERISEE**  
**PAR UNE COUCHE CATALYTIQUE**  
**SUPERFICIELLE FORTEMENT**  
**ADHESIVE**  
[72] JACOBO, RUBEN ORNELAS, IT  
[72] GESTAUT, LAWRENCE, US  
[72] FAITA, GIUSEPPE, IT  
[72] MOJANA, CORRADO, IT  
[71] DE NORA ELETTRODI S.P.A., IT  
[22] 2001-05-15  
[43] 2001-12-09  
[30] IT (MI2000A001287) 2000-06-09

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[21] **2,347,529**  
[13] A1

[51] **Int.Cl. 7A01K 29/00**  
[25] EN  
[54] **AN IMPLEMENT FOR**  
**SUCCESSIVELY RECEIVING AND/OR**  
**TREATING INDIVIDUAL ANIMALS**  
**OUT OF A GROUP OF ANIMALS AND A**  
**METHOD OF INCREASING THE**  
**UTILIZATION CAPACITY OF THE**  
**IMPLEMENT**  
[54] **SYSTEME POUR BIEN RECEVOIR**  
**ET/OU TRAITER DES ANIMAUX**  
**APPARTENANT A UN GROUPE ET**  
**METHODE POUR AUGMENTER LA**  
**CAPACITE D'UTILISATION DU**  
**SYSTEME**  
[72] VAN DER LELY, ALEXANDER, NL  
[71] LELY RESEARCH HOLDING AG, CH  
[22] 2001-05-14  
[43] 2001-12-14  
[30] NL (1015435) 2000-06-14

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[21] **2,347,953**  
[13] A1

[51] **Int.Cl. 7E04B 9/00**  
[25] EN  
[54] **ADJUSTABLE TRIM STRIP**  
**SYSTEM**  
[54] **SYSTEME DE TRINGLE DE**  
**FINISSAGE REGLABLE**  
[72] WENDT, ALAN C., US  
[71] USG INTERIORS, INC., US  
[22] 2001-05-22  
[43] 2001-12-09  
[30] US (09/591,303) 2000-06-09

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[21] **2,347,980**  
[13] A1  
[51] **Int.Cl. 7F02F 1/24 7C22C 1/05 7C23C 4/06**  
[25] EN  
[54] **SURFACE LAYER FORMING A CYLINDER BARREL SURFACE, A SPRAYING POWDER SUITABLE THEREFOR AND A METHOD OF CREATING SUCH A SURFACE LAYER**  
[54] **COUCHE DE SURFACE POUVANT ETRE APPLIQUEE DANS UN CYLINDRE, POUVRE DE PULVERISATION PERMETTANT CETTE APPLICATION ET METHODE DE PRODUCTION D'UNE TELLE COUCHE DE SURFACE**  
[72] BARBEZAT, GERARD, CH  
[71] SULZER METCO AG, CH  
[22] 2001-05-17  
[43] 2001-12-14  
[30] CH (2000 1174/00) 2000-06-14

[21] **2,347,989**  
[13] A1  
[51] **Int.Cl. 7B27C 5/10**  
[25] EN  
[54] **PLUNGE ROUTER ADJUSTMENT MECHANISM AND METHOD**  
[54] **MECANISME ET METHODE DE REGLAGE DE TOUPIE INCLINEE**  
[72] HENDERSON, DAVID L., US  
[72] MCFARLIN, ROBERT E., JR., US  
[71] HENDERSON, DAVID L., US  
[71] MCFARLIN, ROBERT E., JR., US  
[22] 2001-05-17  
[43] 2001-12-13  
[30] US (09/593,317) 2000-06-13

[21] **2,348,164**  
[13] A1  
[51] **Int.Cl. 7B41K 1/00 7A63F 3/06**  
[25] EN  
[54] **CARD MARKING DEVICE**  
[54] **DISPOSITIF DE MARQUAGE DE CARTES**  
[72] KONDO, DIANE E., US  
[71] KONDO, DIANE E., US  
[22] 2001-05-18  
[43] 2001-12-15  
[30] US (09/596,038) 2000-06-15

[21] **2,348,168**  
[13] A1  
[51] **Int.Cl. 7G06F 17/60 7G06F 3/14**  
[25] EN  
[54] **E2 AUTOMOBILE DEALERSHIP INFORMATION MANAGEMENT SYSTEM**  
[54] **SYSTEME DE GESTION D'INFORMATION E2 POUR CONCESSIONNAIRE D'AUTOMOBILES**  
[72] CARUSO, PATRICK H., US  
[72] THOMPSON, DOROTHY B., US  
[72] JONES, KATHRYN A., US  
[72] SCOTT, CHRISTOPHER M., US  
[72] MILITELLO, PAUL, US  
[72] KAMMERON, MACARTHUR, US  
[72] GUISENGER, MARK A., US  
[72] GAEKE, STEVEN P., US  
[72] DETERS, LAWRENCE J., US  
[72] ADKINS, JAMES C., US  
[72] JAMISON, WILLIAM E., US  
[72] GOKEY, MICHAEL S., US  
[72] HANNA, PARRISH, US  
[72] WASSER, EDWARD J., US  
[71] REYNOLDS AND REYNOLDS HOLDINGS, INC., US  
[22] 2001-05-18  
[43] 2001-12-12  
[30] US (60/210,905) 2000-06-12  
[30] US (09/785,462) 2001-02-20

[21] **2,348,172**  
[13] A1  
[51] **Int.Cl. 7C08J 7/04 7C09J 7/02 7C09J 125/10 7C09J 123/20**  
[25] EN  
[54] **SHEET FOR PROTECTING PAINT FILM**  
[54] **FEUILLE DE PROTECTION DE FEUILLE DE PEINTURE**  
[72] UEDA, HIROSHI, JP  
[72] SHIBATA, KENICHI, JP  
[72] HORADA, MITSURU, JP  
[72] MATSUI, KOMAHARU, JP  
[72] HAYASHI, KEIJI, JP  
[72] EDA, TAKESHI, JP  
[72] SANO, KENJI, JP  
[72] INOUE, TSUYOSHI, JP  
[72] KOBAYASHI, YOSHIKI, JP  
[72] AKAKI, YU, JP  
[71] NITTO DENKO CORPORATION, JP  
[71] KANSAI PAINT CO., LTD., JP  
[22] 2001-05-18  
[43] 2001-12-09  
[30] JP (2000-173048) 2000-06-09

[21] **2,348,227**  
[13] A1  
[51] **Int.Cl. 7B65H 43/00 7B41J 11/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR THE PROCESSING OF A WEB OF MATERIAL**  
[54] **METHODE ET APPAREIL DE TRAITEMENT D'UN MATERIAU EN BOBINE**  
[72] LANDOLT, MARKUS, CH  
[72] ZERZAWY, KURT, CH  
[71] GRETAG IMAGING TRADING AG, CH  
[22] 2001-05-24  
[43] 2001-12-15  
[30] EP (00111936.1) 2000-06-15  
[30] EP (01104513.5) 2001-03-02

[21] **2,348,252**  
[13] A1  
[51] **Int.Cl. 7A47J 31/00 7A47J 31/40**  
[25] EN  
[54] **COFFEE MACHINE FOR BREWING COFFEE POWDER PRE-PACKED IN A CARTRIDGE**  
[54] **CAFETIERE AUTOMATIQUE D'INFUSION DE CAFE EN POUVRE PRE-EMBALLÉ EN CARTOUCHE**  
[72] SCHMED, ARTHUR, CH  
[71] FIANARA INTERNATIONAL B.V., NL  
[22] 2001-05-18  
[43] 2001-12-14  
[30] CH (2000 1173/00) 2000-06-14

[21] **2,348,311**  
[13] A1  
[51] **Int.Cl. 7H04L 1/22**  
[25] EN  
[54] **METHOD FOR ENSURING ERROR-FREE TRANSMISSION OF A TELECOMMUNICATION SIGNAL INCLUDING TEMPORARY DATA CHANNELS**  
[54] **METHODE POUR ASSURER LA TRANSMISSION SANS ERREUR D'UN SIGNAL DE TELECOMMUNICATION, Y COMPRIS PAR DES CANAUX DE DONNEES TEMPORAIRES**  
[72] HALEVI, ILAN, IL  
[72] KORALL, ELI, IL  
[71] LIGHTSCAPE NETWORKS LTD., IL  
[22] 2001-05-23  
[43] 2001-12-11  
[30] IL (136670) 2000-06-11

**Demandes canadiennes mises à la disponibilité du public**  
**9 decembre 2001 - 15 decembre 2001**

[21] **2,348,347**  
[13] A1

[51] **Int.Cl. 7A41D 13/12**  
[25] EN  
[54] **DISPOSABLE OUTER GARMENT FOR SURGICAL OPERATION**  
[54] **VETEMENT EXTERIEUR JETABLE POUR INTERVENTION CHIRURGICALE**  
[72] SAITO, AKIKO, JP  
[72] INAGAKI, HIROYUKI, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2001-05-23  
[43] 2001-12-13  
[30] JP (2000-176650) 2000-06-13

[21] **2,348,379**  
[13] A1

[51] **Int.Cl. 7G01N 33/543**  
[25] EN  
[54] **IMMUNOASSAY FOR MEASURING HUMAN C-PEPTIDE AND KIT THEREFOR**  
[54] **DOSAGE IMMUNOLOGIQUE DU PEPTIDE C HUMAIN ET TROUSSE POUR CES DOSAGES**  
[72] NISHIZONO, ISAO, JP  
[72] NAKATSUBO, KAORU, JP  
[72] KURANO, YOSHIHIRO, JP  
[72] KITAJIMA, SACHIKO, JP  
[71] FUJIREBIO INC., JP  
[22] 2001-06-11  
[43] 2001-12-12  
[30] JP (2000-174691) 2000-06-12

[21] **2,348,621**  
[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **CAR SALE INFORMATION PROVIDING SYSTEM AND METHOD, AND CAR DEALING SYSTEM**  
[54] **SYSTEME ET METHODE POUR FOURNIR DE L'INFORMATION SUR LA VENTE D'AUTOMOBILES ET SYSTEME DE VENTE D'AUTOMOBILES**  
[72] ONOUE, MASASHI, JP  
[72] WAKABAYASHI, AKIRA, JP  
[71] TSUBASA SYSTEM CO., LTD., JP  
[22] 2001-05-25  
[43] 2001-12-15  
[30] JP (2000-180275) 2000-06-15  
[30] JP (2000-241157) 2000-08-09

[21] **2,348,694**  
[13] A1

[51] **Int.Cl. 7A61B 17/34**  
[25] EN  
[54] **LANCING MECHANISM**  
[54] **PERFORATEUR**  
[72] BRENNEMAN, ALLEN J., US  
[72] PURCELL, D. GLENN, US  
[71] BAYER CORPORATION, US  
[22] 2001-05-25  
[43] 2001-12-13  
[30] US (60/211,269) 2000-06-13

[21] **2,348,811**  
[13] A1

[51] **Int.Cl. 7B60G 25/00 7B62D 17/00**  
[25] EN  
[54] **IMPROVED SELF-STEERING, CASTER-ADJUSTABLE SUSPENSION SYSTEM**  
[54] **SYSTEME AMELIORE DE SUSPENSION AUTOVIREUR A ROULETTES REGLABLES**  
[72] GOTTSCHALK, MICHAEL J., US  
[72] JABLONSKI, KEVIN M., US  
[71] THE BOLER COMPANY., US  
[22] 2001-05-25  
[43] 2001-12-15  
[30] US (09/593,516) 2000-06-15

[21] **2,349,026**  
[13] A1

[51] **Int.Cl. 7A47B 1/00**  
[25] EN  
[54] **STORAGE RACK SYSTEM WITH FLARED END LOAD BEAM**  
[54] **SUPPORTS DE RANGEMENT AVEC POUTRES DE CHARGE A BOUTS EVASES**  
[72] KRUMMELL, JOHN V. R., JR., US  
[71] ADVANCE STORAGE PRODUCTS, US  
[22] 2001-05-29  
[43] 2001-12-12  
[30] US (09/591,903) 2000-06-12

[21] **2,349,027**  
[13] A1

[51] **Int.Cl. 7B05B 15/12**  
[25] EN  
[54] **A POWDER SPRAY-COATING CABIN**  
[54] **CABINE DE REVETEMENT PAR PULVERISATION EN POUDRE**  
[72] GELAIN, SILVANO, CH  
[71] ITW GEMA AG, CH  
[22] 2001-05-29  
[43] 2001-12-09  
[30] DE (100 28 553.8) 2000-06-09

[21] **2,349,047**  
[13] A1

[51] **Int.Cl. 7A47K 10/36**  
[25] FR  
[54] **DISPOSITIF DE CHARGEMENT POUR APPAREILS DISTRIBUTEUR DE MATERIAUX D'ESSUYAGE**  
[54] **LOADING DEVICE FOR WIPING MATERIAL DISTRIBUTION APPARATUS**  
[72] GRANGER, MAURICE, FR  
[71] GRANGER, MAURICE, FR  
[22] 2001-05-28  
[43] 2001-12-14  
[30] FR (00.07554) 2000-06-14

[21] **2,349,070**  
[13] A1

[51] **Int.Cl. 7B41K 3/56 7B41F 31/24**  
[25] EN  
[54] **PAD-PRINTING INK CUP**  
[54] **GODET D'ENCRE POUR IMPRESSION EN TAMPOGRAPHIE**  
[72] REINHOLDT, HOLGER, DE  
[71] ITW MORLOCK GMBH, DE  
[22] 2001-05-29  
[43] 2001-12-09  
[30] DE (100 28 551.1) 2000-06-09

[21] **2,349,072**  
[13] A1

[51] **Int.Cl. 7A47B 88/16**  
[25] EN  
[54] **DRAWER SLIDE CUSHION AND STOP BUMPER CONSTRUCTION**  
[54] **COUSSIN ET BUTEE D'ARRET DE GLISSIERE**  
[72] MACMILLAN, GEOFFREY D., CA  
[71] COMPX INTERNATIONAL, INC., US  
[22] 2001-05-30  
[43] 2001-12-15  
[30] US (60/211,580) 2000-06-15  
[30] US (09/667,477) 2000-09-22

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[21] **2,349,110**  
[13] A1  
[51] **Int.Cl. 7E02D 19/12 7E02B 11/00**  
[25] EN  
[54] **FOUNDATION WALL  
CONSTRUCTION HAVING WATER  
IMPERVIOUS DRAIN PANELS**  
[54] **MUR DE FONDATION DOTE DE  
PANNEAUX IMPERMEABLES A  
L'ECOULEMENT DES EAUX**  
[72] SAWYER, ROBERT D., US  
[71] SAWYER, ROBERT D., US  
[22] 2001-05-29  
[43] 2001-12-14  
[30] US (09/593,185) 2000-06-14

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[21] **2,349,111**  
[13] A1  
[51] **Int.Cl. 7G21F 9/36**  
[25] EN  
[54] **METHOD OF PACKAGING A  
NUCLEAR REACTOR VESSEL FOR  
DECOMMISSIONING AND REMOVAL**  
[54] **METHODE DE  
CONDITIONNEMENT D'UNE CUVE DE  
REACTEUR NUCLEAIRE POUR  
DECLASSEMENT ET RETRAIT**  
[72] STUDNICKA, ZDENECK Z., US  
[72] LACY, NORMAN H., US  
[72] MORGAN, ROBERT D., US  
[71] STUDNICKA, ZDENECK Z., US  
[71] LACY, NORMAN H., US  
[71] MORGAN, ROBERT D., US  
[22] 2001-05-30  
[43] 2001-12-09  
[30] US (09/591,470) 2000-06-09

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[21] **2,349,137**  
[13] A1  
[51] **Int.Cl. 7C23C 4/08 7B01J 19/02**  
[25] EN  
[54] **MULTI-LAYERED ANTI-COKING  
HEAT RESISTANT METAL TUBE AND  
METHOD FOR MANUFACTURE  
THEREOF**  
[54] **TUBE METALLIQUE  
MULTICOUCHE THERMORESISTANT  
AYANT DES PROPRIETES ANTI-  
COKAGE ET METHODE DE  
FABRICATION DUDIT PRODUIT**  
[72] SHIMIZU, TAKAO, JP  
[72] YOKOTA, NORIYOSHI, JP  
[72] KATO, YOSHIHISA, JP  
[72] ASARI, SEIYA, JP  
[72] TANAKA, ISAO, JP  
[72] TSUCHIYA, MASAKI, JP  
[72] TAKEUCHI, YUKO, JP  
[71] DAIDO TOKUSHUKO KABUSHIKI  
KAISHA, JP  
[22] 2001-05-24  
[43] 2001-12-12  
[30] JP (2000-175633) 2000-06-12

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[21] **2,349,152**  
[13] A1  
[51] **Int.Cl. 7B05B 5/16**  
[25] EN  
[54] **ELECTROSTATIC COATING  
SYSTEM WITH COATING MATERIAL  
CHILLER AND METHOD THEREFOR**  
[54] **SYSTEME ELECTROSTATIQUE  
DE REVETEMENT AVEC DISPOSITIF  
DE REFROIDISSEMENT DU  
MATERIAU DE REVETEMENT ET  
METHODE D'UTILISATION DE CE  
SYSTEME**  
[72] STEPHENS, DENNIS P., US  
[72] BALTZ, JAMES P., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2001-05-29  
[43] 2001-12-09  
[30] US (09/591,000) 2000-06-09

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[21] **2,349,281**  
[13] A1  
[51] **Int.Cl. 7F21V 7/10**  
[25] EN  
[54] **REFLECTOR WITH TEXTURED  
INNER SURFACE AND PRISMATIC  
OUTER SURFACE**  
[54] **REFLECTEUR A SURFACE  
INTERIEURE TEXTUREE ET  
SURFACE EXTERIEURE  
PRISMATIQUE**  
[72] BURROUGHS, FREDERICK C., US  
[71] HUBBELL INCORPORATED, US  
[22] 2001-05-31  
[43] 2001-12-13  
[30] US (09/593,298) 2000-06-13

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[21] **2,349,284**  
[13] A1  
[51] **Int.Cl. 7H01R 4/28**  
[25] EN  
[54] **ELECTRICAL CONNECTOR  
CONTACT BRIDGE WITH WIRE  
CLAMPS**  
[54] **PONT DE CONTACT DE  
CONNECTEUR ELECTRIQUE A  
SERRE-FILS**  
[72] PRESSON, JERRY M., US  
[72] BICKS, MARK S., US  
[72] EWER, STEPHEN R., US  
[71] HUBBELL INCORPORATED, US  
[22] 2001-05-31  
[43] 2001-12-13  
[30] US (09/593,299) 2000-06-13

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[21] **2,349,311**  
[13] A1  
[51] **Int.Cl. 7H02G 15/00 7H02G 15/08**  
[25] EN  
[54] **POKE-THROUGH FLOOR  
FITTING WITH THERMALLY  
ACTIVATED CONDUCTOR LINKS**  
[54] **BLOC DE RACCORDEMENT  
ELECTRIQUE POUR TRAVERSEE DE  
PLANCHER AVEC ELEMENTS  
CONDUCTEURS ACTIVES  
THERMIQUEMENT**  
[72] BONILLA, NELSON, US  
[72] HOLMES, JEFF, US  
[71] HUBBELL INCORPORATED, US  
[22] 2001-05-31  
[43] 2001-12-13  
[30] US (09/592,905) 2000-06-13

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[21] **2,349,327**  
[13] A1

[51] **Int.Cl. 7H01B 11/02 7H01B 11/08**  
[25] EN  
[54] **COMMUNICATIONS CABLE WITH ISOLATORS**  
[54] **CABLE DE COMMUNICATION AVEC ISOLANTS**  
[72] BOUCINO, THOMAS, US  
[71] COMMSCOPE, INC., US  
[22] 2001-05-31  
[43] 2001-12-09  
[30] US (09/591,349) 2000-06-09

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[21] **2,349,405**  
[13] A1

[51] **Int.Cl. 7A47L 1/06**  
[25] EN  
[54] **HAND SUPPORTED WINDSHIELD CLEANER**  
[54] **NETTOYEUR MANUEL POUR PARE-BRISE**  
[72] BAUMAN, ROBERT C., US  
[71] BAUMAN, ROBERT C., US  
[22] 2001-06-01  
[43] 2001-12-12  
[30] US (09/592,519) 2000-06-12

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[21] **2,349,441**  
[13] A1

[51] **Int.Cl. 7A61B 17/22**  
[25] EN  
[54] **DEVICE FOR REMOVAL OF CALCULI**  
[54] **DISPOSITIF D'ELIMINATION DES CALCULS**  
[72] HIRT, JOACHIM, DE  
[72] MERKLE, WOLFGANG, DE  
[71] FERTON HOLDING S.A., CH  
[22] 2001-06-01  
[43] 2001-12-15  
[30] DE (100 29 580.0) 2000-06-15

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[21] **2,349,328**  
[13] A1

[51] **Int.Cl. 7G01R 33/28 7G01V 3/32 7G01V 3/38**  
[25] EN  
[54] **METHOD FOR REDUCING RINGING IN NUCLEAR MAGNETIC RESONANCE WELL LOGGING INSTRUMENTS**  
[54] **METHODE POUR REDUIRE LA RESONANCE DANS DES INSTRUMENTS DE DIAGNOSTIC DE Puits PAR RESONANCE MAGNETIQUE NUCLEAIRE**  
[72] TAHERIAN, REZA, US  
[72] SUN, BOQIN, US  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[22] 2001-05-31  
[43] 2001-12-15  
[30] US (09/594,640) 2000-06-15

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[21] **2,349,408**  
[13] A1

[51] **Int.Cl. 7G05D 23/00 7G01K 1/02**  
[25] EN  
[54] **SETBACK REPORTING THERMOSTAT**  
[54] **THERMOSTAT PROGRAMMABLE AVEC TRANSMISSION DE DONNEES**  
[72] ARCHACKI, RAYMOND J., JR., US  
[72] PROFFITT, JERRY L., US  
[71] CARRIER CORPORATION, US  
[22] 2001-06-01  
[43] 2001-12-15  
[30] US (09/594,974) 2000-06-15

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[21] **2,349,455**  
[13] A1

[51] **Int.Cl. 7A47C 3/00**  
[25] EN  
[54] **CHAIR WITH OSCILLATING SEAT**  
[54] **CHAISE A SIEGE OSCILLANT**  
[72] PIRETTI, GIANCARLO, IT  
[71] PRO-CORD SPA, IT  
[22] 2001-06-01  
[43] 2001-12-09  
[30] IT (TO2000A000557) 2000-06-09

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[21] **2,349,381**  
[13] A1

[51] **Int.Cl. 7A01D 61/00**  
[25] EN  
[54] **ANTI-WRAP DEFLECTOR ASSOCIATED WITH CROP CENTERING AUGER**  
[54] **DEFLECTEUR ANTI-ENROULEMENT POUR VIS SANS FIN**  
[72] ENGEL, MANFRED, DE  
[71] DEERE & COMPANY, US  
[22] 2001-05-31  
[43] 2001-12-15  
[30] US (09/594,991) 2000-06-15

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[21] **2,349,426**  
[13] A1

[51] **Int.Cl. 7B60R 16/02**  
[25] EN  
[54] **SOCKET FOR AUTOMOTIVE VEHICLE**  
[54] **DOUILLE POUR VEHICULE AUTOMOBILE**  
[72] SATO, NOBORU, JP  
[72] OTA, HIDETOSHI, JP  
[72] SAKAMAKI, TAKASHI, JP  
[71] NILES PARTS CO., LTD., JP  
[22] 2001-06-01  
[43] 2001-12-12  
[30] JP (2000-175585) 2000-06-12

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[21] **2,349,686**  
[13] A1

[51] **Int.Cl. 7G05D 23/00 7G01K 1/02 7G05D 23/19**  
[25] EN  
[54] **SETBACK TRACKING THERMOSTAT**  
[54] **THERMOSTAT PROGRAMMABLE A PISTAGE**  
[72] ARCHACKI, RAYMOND J., JR., US  
[72] PROFFITT, JERRY L., US  
[71] CARRIER CORPORATION, US  
[22] 2001-06-04  
[43] 2001-12-15  
[30] US (09/594,976) 2000-06-15

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[21] **2,349,692**  
[13] A1  
[51] **Int.Cl. 7F01D 5/30**  
[25] FR  
[54] **DISPOSITIF DE BLOCAGE D'AUBES A ATTACHE MARTEAU SUR UN DISQUE**  
[54] **HAMMER ATTACHMENT BLADE LOCKING DEVICE ON A DISK**  
[72] NAUDET, JACKY, FR  
[72] GOGA, JEAN-LUC CHRISTIAN YVON, FR  
[71] SNECMA MOTEURS, FR  
[22] 2001-06-05  
[43] 2001-12-15  
[30] FR (0007610) 2000-06-15

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[21] **2,349,697**  
[13] A1  
[51] **Int.Cl. 7B65D 47/08 7A45D 34/00**  
[25] FR  
[54] **CAPSULE A ARTICULATION DU TYPE A EFFET RESSORT, ET ENSEMBLE DE CONDITIONNEMENT EQUIPE D'UNE TELLE CAPSULE**  
[54] **SPRING-LOADED ARTICULATED CAP AND PACKAGING EQUIPPED WITH SUCH A CAP**  
[72] ROUSSELET, GUILHEM, FR  
[71] L'OREAL, FR  
[22] 2001-06-06  
[43] 2001-12-09  
[30] FR (00 07 445) 2000-06-09

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[21] **2,349,699**  
[13] A1  
[51] **Int.Cl. 7G01N 33/00 7G01N 17/00 7G09B 23/24 7G09B 23/26**  
[25] FR  
[54] **CONCEPTION DE NOUVEAUX MATERIAUX DONT L'USAGE FAIT INTERVENIR UNE LIAISON CHIMIQUE AU MOYEN D'UN DESCRIPTEUR DE LADITE LIAISON**  
[54] **DESIGN OF NEW MATERIALS, THE USE OF WHICH INVOLVES A CHEMICAL BOND, BY MEANS OF A DESCRIPTOR OF THE SAID BOND**  
[72] TOULHOAT, HERVE, FR  
[71] INSTITUT FRANCAIS DU PETROLE, FR  
[22] 2001-06-06  
[43] 2001-12-09  
[30] FR (00 07 473) 2000-06-09

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[21] **2,349,702**  
[13] A1  
[51] **Int.Cl. 7A45D 40/00 7A45D 40/26**  
[25] FR  
[54] **DISPOSITIF D'APPLICATION D'UN PRODUIT SUR LES FIBRES KERATINIQUES, NOTAMMENT SUR LES CILS OU LES SOURCILS**  
[54] **DEVICE FOR APPLYING A PRODUCT ON KERATIN FIBERS, SPECIFICALLY EYELASHES AND EYEBROWS**  
[72] GUERET, JEAN-LOUIS H., FR  
[71] L'OREAL, FR  
[22] 2001-06-06  
[43] 2001-12-09  
[30] FR (00 07 443) 2000-06-09

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[21] **2,349,732**  
[13] A1  
[51] **Int.Cl. 7H04L 29/02 7H04L 12/24**  
[25] EN  
[54] **AVAILABLE BANDWIDTH CONTROL MECHANISM**  
[54] **MECANISME DE CONTROLE DE LARGEUR DE BANDE DISPONIBLE**  
[72] BARNHART, ANDREW, US  
[71] HUGHES ELECTRONICS CORPORATION, US  
[22] 2001-06-05  
[43] 2001-12-09  
[30] US (60/210,864) 2000-06-09  
[30] US (09/716,924) 2000-11-20

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[21] **2,349,740**  
[13] A1  
[51] **Int.Cl. 7A01K 93/00**  
[25] EN  
[54] **TWO-STAGE FISHING BOBBER**  
[54] **PROPULSEUR A DEUX ETAGES POUR LA PECHE**  
[72] BENNIS, GARY L., US  
[71] BENNIS, GARY L., US  
[22] 2001-06-06  
[43] 2001-12-09  
[30] US (09/592,460) 2000-06-09  
[30] US (09/766,032) 2001-01-19

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[21] **2,349,746**  
[13] A1  
[51] **Int.Cl. 7H01M 4/92 7H01M 8/02**  
[25] EN  
[54] **POLYMER ELECTROLYTE FUEL CELL AND METHOD FOR ITS PRODUCTION**  
[54] **PILE A COMBUSTIBLE A ELECTROLYTE POLYMERIQUE ET METHODE DE PRODUCTION DE CET ARTICLE**  
[72] TANUMA, TOSHIHIRO, JP  
[72] YOSHITAKE, MASARU, JP  
[72] TERAZONO, SHINJI, JP  
[72] YANAGISAWA, EIJI, JP  
[71] ASAHI GLASS COMPANY, LIMITED, JP  
[22] 2001-06-06  
[43] 2001-12-12  
[30] JP (2000-175802) 2000-06-12  
[30] JP (2000-195109) 2000-06-28

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[21] **2,349,750**  
[13] A1  
[51] **Int.Cl. 7G06F 3/14 7G06T 7/00 7G06T 17/40**  
[25] EN  
[54] **TOOL FOR THREE-DIMENSIONAL ANALYSIS OF A DRAWING**  
[54] **OUTIL POUR L'ANALYSE TRIDIMENSIONNELLE D'UN DESSIN**  
[72] HERNANDEZ, LUC, FR  
[71] DASSAULT SYSTEMES, FR  
[22] 2001-06-06  
[43] 2001-12-09  
[30] US (09/590,977) 2000-06-09

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[21] **2,349,767**  
[13] A1  
[51] **Int.Cl. 7A01D 89/00 7A01F 15/10**  
[25] EN  
[54] **FOREIGN OBJECT EJECTOR FOR ROTARY CONVEYOR EQUIPPED WITH CENTERING AUGERS HAVING CROP LIFTERS AND RECEIVING CROP FROM A WIDE PICK-UP**  
[54] **EJECTEUR DE CORPS ETRANGERS POUR CONVOYEUR ROTATIF EQUIPE DE VIS DE CENTRAGE COMPRENANT DES RELEVEURS ET RECEVANT LA RECOLTE D'UN RAMASSEUR DE GRANDE TAILLE**  
[72] ENGEL, MANFRED, DE  
[71] DEERE & COMPANY, US  
[22] 2001-06-06  
[43] 2001-12-15  
[30] US (09/594,252) 2000-06-15

**Demandes canadiennes mises à la disponibilité du public**  
**9 decembre 2001 - 15 decembre 2001**

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[21] **2,349,769**  
[13] A1

[51] **Int.Cl. 7A01F 15/08**  
[25] EN  
[54] **IMPROVED ROTARY CONVEYOR  
TINE STRIPPER**  
[54] **DEBOURREUR DE DENTS DE  
CONVOYEUR ROTATIF AMELIORE**  
[72] ENGEL, MANFRED, DE  
[71] DEERE & COMPANY, US  
[22] 2001-06-06  
[43] 2001-12-15  
[30] US (09/594,250) 2000-06-15

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[21] **2,349,774**  
[13] A1

[51] **Int.Cl. 7E21B 10/08**  
[25] EN  
[54] **FLAT PROFILE CUTTING  
STRUCTURE FOR ROLLER CONE  
DRILL BITS**  
[54] **STRUCTURE DE DECOUPAGE DE  
PROFILES RECTILIGNES POUR  
TRICONES**  
[72] SINGH, AMARDEEP, US  
[72] HUANG, SUJIAN, US  
[71] SMITH INTERNATIONAL, INC., US  
[22] 2001-06-06  
[43] 2001-12-14  
[30] US (09/593,690) 2000-06-14

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[21] **2,349,790**  
[13] A1

[51] **Int.Cl. 7H04L 12/26**  
[25] EN  
[54] **QUEUE AND SCHEDULER  
UTILIZATION METRICS**  
[54] **METROLOGIE D'UTILISATION  
DE L'ORDONNANCEUR ET DE LA  
FILE D'ATTENTE**  
[72] BARNHART, ANDREW, US  
[71] HUGHES ELECTRONICS  
CORPORATION, US  
[22] 2001-06-07  
[43] 2001-12-09  
[30] US (60/210,865) 2000-06-09  
[30] US (09/716,922) 2000-11-20

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[21] **2,349,792**  
[13] A1

[51] **Int.Cl. 7C09D 175/08**  
[25] EN  
[54] **COATING COMPOSITION**  
[54] **MATIERE DE REVETEMENT**  
[72] TOYOFUKU, MASANORI, JP  
[72] OGURO, KAORU, JP  
[72] KASHIWAME, JOSHO, JP  
[72] MORI, SATORU, JP  
[71] ASAHI GLASS COMPANY,  
LIMITED, JP  
[22] 2001-06-07  
[43] 2001-12-12  
[30] JP (2000-175876) 2000-06-12  
[30] JP (2000-182766) 2000-06-19

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[21] **2,349,793**  
[13] A1

[51] **Int.Cl. 7C22F 1/057 7C22C 21/12**  
[25] EN  
[54] **ALUMINUM SHEET PRODUCTS  
HAVING IMPROVED FATIGUE  
CRACK GROWTH RESISTANCE AND  
METHODS OF MAKING SAME**  
[54] **PRODUITS EN TOLE  
D'ALUMINIUM OFFRANT UNE  
RESISTANCE AMELIOREE A LA  
PROPAGATION DE CRIQUES DE  
FATIGUE ET METHODES DE  
FABRICATION**  
[72] VENEMA, GREGORY B., US  
[72] MAGNUSEN, PAUL E., US  
[72] MORALES, ANTHONY, US  
[72] ROBERTS, ANNE E., US  
[72] WESTERLUND, ROBERT W., US  
[72] RIOJA, ROBERTO J., US  
[72] CHAKRABARTI, DHRUBA J., US  
[72] DENZER, DIANA K., US  
[71] ALCOA INC., US  
[22] 2001-06-07  
[43] 2001-12-12  
[30] US (09/591,904) 2000-06-12

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[21] **2,349,794**  
[13] A1

[51] **Int.Cl. 7B01D 46/10**  
[25] EN  
[54] **APPARATUS FOR SEPARATING  
SUSPENDED FIBROUS MATERIAL**  
[54] **APPAREIL POUR SEPARER DES  
MATIERES FIBREUSES EN  
SUSPENSION**  
[72] GERBER, MILTON L., US  
[71] GERBER, MILTON L., US  
[22] 2001-06-07  
[43] 2001-12-15  
[30] US (09/594,473) 2000-06-15

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[21] **2,349,801**  
[13] A1

[51] **Int.Cl. 7A41D 13/05 7A41D 1/08  
7A41D 27/12**  
[25] EN  
[54] **SEAT PAD FOR CYCLIST PANT,  
AND PROCESS OF MANUFACTURE  
THEREOF**  
[54] **COUSSINET DE SIEGE POUR  
CULOTTE DE CYCLISTE, ET  
PROCEDE DE FABRICATION**  
[72] GARNEAU, LOUIS, CA  
[71] LOUIS GARNEAU SPORTS INC., CA  
[22] 2001-06-07  
[43] 2001-12-13  
[30] US (60/211,278) 2000-06-13

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[21] **2,349,806**  
[13] A1

[51] **Int.Cl. 7C07C 69/15 7C07C 67/05**  
[25] EN  
[54] **PROCESS FOR THE PRODUCTION  
OF VINYL ACETATE**  
[54] **METHODE DE PRODUCTION  
D'ACETATE DE VINYLE**  
[72] WILLIAMS, BRUCE LEO, GB  
[71] BP CHEMICALS LIMITED, GB  
[22] 2001-05-30  
[43] 2001-12-14  
[30] GB (0014583.9) 2000-06-14

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[21] **2,349,807**  
[13] A1

[51] **Int.Cl. 7C07C 69/15 7C07B 33/00  
7C07C 11/04 7C07C 67/05 7C07C 53/08  
7C07C 255/08 7C07C 51/215 7C07C 253/  
24 7C07C 51/25 7C07C 5/333 7C07D 307/  
60**  
[25] EN  
[54] **APPARATUS AND PROCESS FOR  
OXIDATION REACTIONS**  
[54] **APPAREIL ET METHODE  
RELATIFS A DES REACTIONS  
D'OXYDATION**  
[72] COLMAN, DEREK ALAN, GB  
[72] CLARKE, ROBERT WILLIAM, GB  
[72] BRISTOW, TIMOTHY CRISPIN, GB  
[72] BECKER, STANLEY JOHN, GB  
[72] REID, IAN ALLAN BEATTIE, GB  
[72] NEWTON, DAVID, GB  
[72] WILLIAMS, BRUCE LEO, GB  
[71] BP CHEMICALS LIMITED, GB  
[22] 2001-05-30  
[43] 2001-12-14  
[30] GB (0014580.5) 2000-06-14

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[21] **2,349,813**  
[13] A1  
[51] **Int.Cl. 7C04B 18/12 7E21F 15/08**  
**7C04B 14/10 7E02F 5/22**  
[25] EN  
[54] **MINE BACKFILL**  
[54] **REMBLAI DE MINE**  
[72] GOLDSACK, DOUGLAS E., CA  
[72] LIDKEA, WAYNE N., CA  
[72] DOUGLAS, ALLAN G., CA  
[72] MANFRED, WILLIAM A., CA  
[71] INCO LIMITED, CA  
[22] 2001-06-07  
[43] 2001-12-09  
[30] US (09/596,494) 2000-06-09

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[21] **2,349,882**  
[13] A1  
[51] **Int.Cl. 7A47C 7/54 7A47C 16/00**  
[25] EN  
[54] **ADJUSTABLE ARMREST**  
**ASSEMBLY WITH SINGLE**  
**ADJUSTMENT LEVER**  
[54] **ACCOUDOIR AJUSTABLE AVEC**  
**LEVIER D'AJUSTEMENT INDIVIDUEL**  
[72] WURL, HARALD, DE  
[72] ALLISON, GREGORY P., US  
[72] MCALLISTER, MICHAEL L., US  
[71] KNOLL, INC., US  
[22] 2001-06-06  
[43] 2001-12-09  
[30] US (09/591,680) 2000-06-09

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[21] **2,349,902**  
[13] A1  
[51] **Int.Cl. 7B27G 11/00**  
[25] EN  
[54] **PRESSURE ELEMENT FOR AN**  
**EDGE GLUING MACHINE AND**  
**GLUING METHOD**  
[54] **ELEMENT DE PRESSION POUR**  
**ENCOLLEUSE DE CHANTS ET**  
**TECHNIQUE D'ENCOLLAGE**  
[72] SCHOLZ, KONRAD, DE  
[71] DORUS KLEBTECHNIK GMBH  
AND CO. KG, DE  
[22] 2001-06-08  
[43] 2001-12-09  
[30] DE (100 28 199.0) 2000-06-09

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[21] **2,349,817**  
[13] A1  
[51] **Int.Cl. 7G02B 6/18 7G02B 1/04**  
**7G02B 6/22**  
[25] EN  
[54] **PLASTIC OPTICAL FIBER**  
[54] **FIBRE OPTIQUE PLASTIQUE**  
[72] ONISHI, TSUYOSHI, JP  
[72] SUGIYAMA, NORIHIDE, JP  
[71] ASAHI GLASS COMPANY,  
LIMITED, JP  
[22] 2001-06-07  
[43] 2001-12-12  
[30] JP (JP2000-175203) 2000-06-12

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[21] **2,349,899**  
[13] A1  
[51] **Int.Cl. 7H02M 1/00 7H02M 3/00**  
[25] EN  
[54] **RESONANT SWITCHED POWER**  
**CONVERTER**  
[54] **CONVERTISSEUR DE PUISSANCE**  
**RESONNANT COMMUTE**  
[72] RASCON MARTINEZ, MIGUEL, ES  
[72] NAVAS SABATER, JOSE ANDRES,  
ES  
[71] ALCATEL, FR  
[22] 2001-06-07  
[43] 2001-12-09  
[30] ES (P200001462) 2000-06-09

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[21] **2,349,903**  
[13] A1  
[51] **Int.Cl. 7C07F 9/6506 7C07F 9/547**  
**7C10M 105/74**  
[25] EN  
[54] **IONIC LIQUIDS II**  
[54] **LIQUIDES IONIQUES II**  
[72] SCHMIDT, MICHAEL, DE  
[72] HEIDER, UDO, DE  
[72] GEISSLER, WINFRIED, DE  
[72] HILARIUS, VOLKER, DE  
[72] IGNATYEV, NIKOLAI, DE  
[71] MERCK PATENT GESELLSCHAFT  
MIT BESCHRANKTER HAFTUNG, DE  
[22] 2001-06-07  
[43] 2001-12-09  
[30] DE (100 27 995.3) 2000-06-09

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[21] **2,349,879**  
[13] A1  
[51] **Int.Cl. 7B65D 88/12**  
[25] EN  
[54] **TOP AND BOTTOM CORNER LIFT**  
**FITTINGS FOR A CARGO CONTAINER**  
[54] **PIECES DE COIN SUPERIEURES**  
**ET INFERIEURES DE CONTENEUR**  
[72] LEE, SANG SIG, US  
[71] HYUNDAI PRECISION AMERICA,  
INC., US  
[22] 2001-06-06  
[43] 2001-12-15  
[30] US (09/596,751) 2000-06-15

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[21] **2,349,900**  
[13] A1  
[51] **Int.Cl. 7C07C 15/085 7C07C 2/66**  
[25] EN  
[54] **INTEGRATED PROCESS FOR THE**  
**PRODUCTION OF CUMENE**  
[54] **METHODE DE PRODUCTION**  
**INTEGREE DU CUMENE**  
[72] PICCIOTTO, ELENA, IT  
[72] SANFILIPPO, DOMENICO, IT  
[72] PAGGINI, ALBERTO, IT  
[71] SNAMPROGETTI S.P.A., IT  
[22] 2001-06-07  
[43] 2001-12-14  
[30] IT (MI2000A 001326) 2000-06-14

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[21] **2,349,914**  
[13] A1  
[51] **Int.Cl. 7H04N 7/16 7G09F 19/00**  
**7H04N 7/173**  
[25] EN  
[54] **ADVERTISING DELIVERY**  
**METHOD**  
[54] **METHODE DE LIVRAISON DE**  
**MESSAGES PUBLICITAIRES**  
[72] BOULET, DANIEL A., CA  
[72] TORRIERI, SANDRO A., CA  
[72] MICHAELS, DEAN T., CA  
[72] WILSON, DANIEL C., CA  
[71] INVIDI TECHNOLOGIES CORP., CA  
[22] 2001-06-07  
[43] 2001-12-09  
[30] US (60/210,468) 2000-06-09

**Demandes canadiennes mises à la disponibilité du public**  
**9 decembre 2001 - 15 decembre 2001**

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[21] **2,349,922**  
[13] A1

[51] **Int.Cl. 7G06F 17/30**  
[25] EN  
[54] **INFORMATION RETRIEVAL USER INTERFACE METHODS AND APPARATUS**  
[54] **METHODES ET APPAREIL A INTERFACE UTILISATEUR D'EXTRACTION DE DONNEES**  
[72] TOTH, PAUL, CA  
[71] UCORA CORPORATION, CA  
[22] 2001-06-11  
[43] 2001-12-12  
[30] US (60/210,974) 2000-06-12

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[21] **2,349,953**  
[13] A1

[51] **Int.Cl. 7A01K 1/015**  
[25] EN  
[54] **COMPOSITE CLUMPING CAT LITTER**  
[54] **LITIERE POUR CHATS CONTENANT UN AGGLOMERAT COMPOSITE**  
[72] BLOOMER, LARRY D., US  
[71] BLOOMER, LARRY D., US  
[22] 2001-06-11  
[43] 2001-12-09  
[30] US (60/210,813) 2000-06-09

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[21] **2,349,964**  
[13] A1

[51] **Int.Cl. 7E04B 2/82**  
[25] EN  
[54] **INTERIOR SPACE-DIVIDING WALL SYSTEM**  
[54] **SYSTEME DE CLOISONNEMENT INTERIEUR**  
[72] VALLAS, RODNEY, CA  
[72] MARSHALL, DALE R., CA  
[72] LONG, DARREN R., CA  
[72] STEEVES, ROBERT E., CA  
[72] GOODCHILD, JIM T., CA  
[71] SMED INTERNATIONAL, INC., CA  
[22] 2001-06-08  
[43] 2001-12-09  
[30] US (60/210,819) 2000-06-09

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[21] **2,349,923**  
[13] A1

[51] **Int.Cl. 7G06F 17/60 7H04L 12/16**  
[25] EN  
[54] **METHOD FOR BI-LEVEL CUSTOMIZATION OF PROGRAMS**  
[54] **METHODE DE PERSONNALISATION DE PROGRAMMES A DEUX NIVEAUX**  
[72] LEEDS, JORDAN, US  
[72] LEEDS, GARY, US  
[71] PEAKCARE, LLC, US  
[22] 2001-06-08  
[43] 2001-12-09  
[30] US (09/590,963) 2000-06-09

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[21] **2,349,959**  
[13] A1

[51] **Int.Cl. 7G01N 33/86 7C12Q 1/56**  
[25] EN  
[54] **MULTIPLE COAGULATION TEST SYSTEM AND METHOD OF USING A MULTIPLE COAGULATION TEST SYSTEM**  
[54] **SYSTEME MULTIPLE POUR TEST DE COAGULATION ET METHODE POUR L'UTILISER**  
[72] GOLDSTEIN, SHELDON, US  
[71] GOLDSTEIN, SHELDON, US  
[22] 2001-06-08  
[43] 2001-12-09  
[30] US (09/591,329) 2000-06-09

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[21] **2,349,975**  
[13] A1

[51] **Int.Cl. 7G06F 17/50**  
[25] EN  
[54] **DUAL MECHANISM FOR COMPUTER-AIDED DESIGN**  
[54] **MECANISME DOUBLE DE CONCEPTION ASSISTEE PAR ORDINATEUR**  
[72] LANCIEN, GILLES, FR  
[72] DELAS, FREDERIC, FR  
[71] DASSAULT SYSTEMES, FR  
[22] 2001-06-08  
[43] 2001-12-15  
[30] US (09/594,323) 2000-06-15

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[21] **2,349,952**  
[13] A1

[51] **Int.Cl. 7C03B 23/04 7G02B 5/00**  
[25] EN  
[54] **METHOD OF MANUFACTURING OPTICAL GLASS ELEMENT, AND OPTICAL GLASS ELEMENT MANUFACTURED USING THE METHOD**  
[54] **METHODE DE FABRICATION D'ELEMENTS OPTIQUES EN VERRE, ET ELEMENT OPTIQUE EN VERRE FABRIQUE A L'AIDE DE CELLE-CI**  
[72] MIZUNO, TOSHIKI, JP  
[72] KAMISAKU, KATSUYA, JP  
[72] MORISHITA, MASAHIRO, JP  
[71] NIPPON SHEET GLASS CO., LTD., JP  
[22] 2001-06-11  
[43] 2001-12-12  
[30] JP (2000-176042) 2000-06-12

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[21] **2,349,960**  
[13] A1

[51] **Int.Cl. 7C12N 7/00 7A61K 39/12 7A61P 31/12**  
[25] EN  
[54] **IBDV STRAIN FOR IN OVO ADMINISTRATION**  
[54] **SOUCHE DU VIRUS DE LA BURSITE INFECTIEUSE POUR L'ADMINISTRATION IN OVO**  
[72] MUNDT, EGBERT, DE  
[72] VAN LOON, ADRIAAN ANTONIUS WILHELMUS MARIA, DE  
[71] AKZO NOBEL N.V., NL  
[22] 2001-06-08  
[43] 2001-12-09  
[30] EP (00202042.8) 2000-06-09

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[21] **2,349,977**  
[13] A1

[51] **Int.Cl. 7B60T 17/00**  
[25] EN  
[54] **VEHICLE SERVICE LINE RETAINER SYSTEM**  
[54] **SYSTEME DE RETENUE DE CONDUITS D'ENTRETIEN DE VEHICULE**  
[72] HOLDER, DANNY D., US  
[71] VOLVO TRUCKS NORTH AMERICA, INC., US  
[22] 2001-06-08  
[43] 2001-12-09  
[30] US (09/590,952) 2000-06-09

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[21] **2,349,980**  
[13] A1  
[51] **Int.Cl. 7A23J 3/08 7A61P 1/02 7A61P 19/08 7A23K 1/22 7A23L 1/305 7A23L 2/66**  
[25] EN  
[54] **METHOD OF PRODUCING FRACTIONS CONTAINING A HIGH CONCENTRATION OF MILK BASIC CYSTATIN AND DECOMPOSITION PRODUCTS THEREOF**  
[54] **METHODE DE PRODUCTION DE FRACTIONS CONTENANT UNE FORTE CONCENTRATION DE CYSTATINE, UNE PROTEINE DE BASE DU LAIT, ET PRODUITS DE DECOMPOSITION CONNEXES**  
[72] TAKADA, YUKIHIRO, JP  
[72] SERIZAWA, ATSUSHI, JP  
[72] MATSUOKA, YASUHIRO, JP  
[72] KAWAKAMI, HIROSHI, JP  
[72] TOBA, YASUHIRO, JP  
[71] SNOW BRAND MILK PRODUCTS CO., LTD., JP  
[22] 2001-06-07  
[43] 2001-12-09  
[30] JP (2000-172852) 2000-06-09  
[30] JP (2000-184349) 2000-06-20

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[21] **2,349,987**  
[13] A1  
[51] **Int.Cl. 7F25B 15/00 7F25B 29/00**  
[25] EN  
[54] **SORPTION DEVICE FOR HEATING AND COOLING GAS STREAMS**  
[54] **DISPOSITIF DE SORPTION POUR CHAUFFAGE ET REFROIDISSEMENT DE COURANTS GAZEUX**  
[72] MAIER-LAXHUBER, PETER, DE  
[72] WORZ, REINER, DE  
[72] WEISS, RUDIGER, DE  
[72] JUST, JURGEN, DE  
[72] GEHSE, HARTMUT, DE  
[72] BECKY, ANDREAS, DE  
[72] TOTSCHNIG, LEO, DE  
[72] GRUPP, CHRISTOPH, DE  
[71] ZEOLITH-TECHNOLOGIE, GMBH, DE  
[22] 2001-06-07  
[43] 2001-12-09  
[30] DE (DE 100 28 030.7) 2000-06-09

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[21] **2,349,991**  
[13] A1  
[51] **Int.Cl. 7E05D 15/06 7B60B 33/00 7B60B 37/00 7E05F 7/00 7E06B 3/46**  
[25] EN  
[54] **POP-IN EXTENDED TRAVEL SINGLE ROLLER FOR PATIO DOORS**  
[54] **MONO-ROULETTE A COURSE PROLONGEE POUR TRAVERSEE DISCRETE DE PORTE DE TERRASSE**  
[72] BECKEN, DONALD A., US  
[71] TRUTH HARDWARE, US  
[22] 2001-06-11  
[43] 2001-12-15  
[30] US (60/211,668) 2000-06-15

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[21] **2,349,994**  
[13] A1  
[51] **Int.Cl. 7F02K 3/00 7F01D 25/10**  
[25] EN  
[54] **TURBOJET POWERPLANT WITH HEAT EXCHANGER**  
[54] **TURBOREACTEUR AVEC ECHANGEUR DE CHALEUR**  
[72] BOECK, ALEXANDER, DE  
[71] ROLLS-ROYCE DEUTSCHLAND LTD & CO KG, DE  
[22] 2001-06-11  
[43] 2001-12-13  
[30] DE (10029060.4) 2000-06-13

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[21] **2,349,995**  
[13] A1  
[51] **Int.Cl. 7G01N 21/85 7G01N 15/00**  
[25] EN  
[54] **VIEWING PARTICLES IN A RELATIVELY TRANSLUCENT MEDIUM**  
[54] **OBSERVATION DE PARTICULES PRESENTES DANS UN MILIEU RELATIVEMENT TRANSLUCIDE**  
[72] ING, LIANNE, CA  
[72] STOEV, NIKOLAY A., CA  
[72] BALKE, STEPHEN T., CA  
[71] ING, LIANNE, CA  
[71] STOEV, NIKOLAY A., CA  
[71] BALKE, STEPHEN T., CA  
[22] 2001-06-11  
[43] 2001-12-14  
[30] US (09/604,284) 2000-06-14

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[21] **2,349,998**  
[13] A1  
[51] **Int.Cl. 7E21B 33/138**  
[25] EN  
[54] **REINFORCED CLAY GEL**  
[54] **GEL RENFORCE A BASE D'ARGILE**  
[72] WIWCHAR, BRIAN WAYNE, CA  
[72] TREMBLAY, BERNARD, CA  
[72] ZHOU, ZHIHONG, CA  
[71] ALBERTA OIL SANDS AND RESEARCH AUTHORITY, CA  
[22] 2001-06-05  
[43] 2001-12-12  
[30] US (09/592,159) 2000-06-12

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[21] **2,349,999**  
[13] A1  
[51] **Int.Cl. 7B32B 31/00**  
[25] EN  
[54] **METHOD FOR FORMING A CELLULAR CORE MEMBER**  
[54] **METHODE POUR FORMER DES ELEMENTS A AME EN NID D'ABEILLES**  
[72] COURT, CALVIN LEROY, US  
[72] COURT, MELVIN T., US  
[72] COURT, CALVIN LANCE, US  
[71] NEWCOURT, INC., US  
[22] 2001-06-11  
[43] 2001-12-12  
[30] US (09/592,082) 2000-06-12

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[21] **2,350,000**  
[13] A1  
[51] **Int.Cl. 7A61M 15/02**  
[25] EN  
[54] **INHALATION DEVICE**  
[54] **DISPOSITIF POUR INHALATION**  
[72] SCHEUCH, GERHARD, DE  
[72] SOMMERER, KNUT, DE  
[72] HAAS, FRIEDEL, DE  
[72] MULLINGER, BERNHARD, DE  
[72] ROEDER, SASCHA, DE  
[71] INAMED GMBH, DE  
[22] 2001-06-11  
[43] 2001-12-14  
[30] DE (100 29 119.8) 2000-06-14

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**Demandes canadiennes mises à la disponibilité du public**  
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[21] **2,350,010**  
[13] A1

[51] **Int.Cl. 7B23Q 15/22 7G05B 15/00 7B23Q 35/00**  
[25] EN  
[54] **TOOLPATH GENERATOR**  
[54] **GENERATEUR DE TRAJECTOIRE D'OUTIL**  
[72] LERMUZEAUX, ETIENNE, FR  
[71] DASSAULT SYSTEMES, FR  
[22] 2001-06-08  
[43] 2001-12-15  
[30] US (09/594,400) 2000-06-15

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[21] **2,350,014**  
[13] A1

[51] **Int.Cl. 7H04L 29/02 7G06F 13/38**  
[25] EN  
[54] **DATA LINE INTERRUPTER SWITCH**  
[54] **INTERRUPTEUR DE LIGNE DE DONNEES**  
[72] KIRCHMANN, CHRISTOPHER, CA  
[71] SAAFNET CANADA INCORPORATED, CA  
[22] 2001-06-08  
[43] 2001-12-09  
[30] CA (2,310,538) 2000-06-09

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[21] **2,350,033**  
[13] A1

[51] **Int.Cl. 7G02B 6/00 7G02B 7/00 7G02B 26/00**  
[25] EN  
[54] **TEMPERATURE-COMPENSATING ARRANGEMENTS AND METHODS FOR OPTICAL FIBER**  
[54] **MONTAGES ET METHODES DE COMPENSATION THERMIQUE POUR FIBRES OPTIQUES**  
[72] SO, VINCENT, CA  
[71] BTI PHOTONICS INC., CA  
[22] 2001-06-07  
[43] 2001-12-13  
[30] US (60/211,180) 2000-06-13  
[30] US (09/802,905) 2001-03-12

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[21] **2,350,038**  
[13] A1

[51] **Int.Cl. 7A01K 97/00**  
[25] EN  
[54] **TACKLE BOX WITH HOLDER FOR BEVERAGE CONTAINER**  
[54] **COFFRET DE PECHE AVEC SUPPORT POUR RECIPIENT DE BOISSON**  
[72] RUTHERFORD, WILLIAM J., CA  
[71] RUTHERFORD, WILLIAM J., CA  
[22] 2001-06-08  
[43] 2001-12-09  
[30] US (09,590,126) 2000-06-09

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[21] **2,350,041**  
[13] A1

[51] **Int.Cl. 7H01J 49/26**  
[25] EN  
[54] **METHODS AND APPARATUS FOR MASS SPECTROMETRY**  
[54] **METHODES ET APPAREIL POUR LA SPECTROMETRIE DE MASSE**  
[72] GILES, KEVIN, GB  
[72] CLAYTON, EDWARD JAMES, GB  
[72] BATEMAN, ROBERT HAROLD, GB  
[71] MICROMASS LIMITED, GB  
[22] 2001-06-08  
[43] 2001-12-09  
[30] GB (0014062.4) 2000-06-09  
[30] GB (0101048.7) 2001-01-15  
[30] GB (0105227.3) 2001-03-02

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[21] **2,350,047**  
[13] A1

[51] **Int.Cl. 7F04B 47/02 7F04C 2/107 7F16J 15/46**  
[25] EN  
[54] **PUMP DRIVE HEAD WITH STUFFING BOX**  
[54] **TETE D'ENTRAINEMENT DE POMPE AVEC BOITIER ETANCHE**  
[72] HULT, VERN ARTHUR, CA  
[71] OIL LIFT TECHNOLOGY INC., CA  
[22] 2001-06-11  
[43] 2001-12-09  
[30] CA (2,311,036) 2000-06-09

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[21] **2,350,051**  
[13] A1

[51] **Int.Cl. 7E05D 15/06 7B60B 33/00 7B60B 37/00 7E05F 7/00 7E06B 3/46**  
[25] EN  
[54] **ENHANCED PERFORMANCE TANDEM ROLLER FOR PATIO DOORS**  
[54] **ROULETTE EN TANDEM AMELIOREE POUR PORTES DE TERRASSE**  
[72] BECKEN, DONALD A., US  
[71] TRUTH HARDWARE, US  
[22] 2001-06-11  
[43] 2001-12-15  
[30] US (60/211,667) 2000-06-15

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[21] **2,350,115**  
[13] A1

[51] **Int.Cl. 7B65B 9/02**  
[25] EN  
[54] **METHOD FOR ENCLOSING A FOAMABLE COMPOSITION IN A FLEXIBLE BAG**  
[54] **METHODE D'ENSACHAGE D'UNE COMPOSITION EXPANSIBLE DANS UN SAC FLEXIBLE**  
[72] WHEELER, ROBERT D., US  
[72] MCKINLEY, KERRY M., US  
[72] PILLOTE, LAWRENCE J., US  
[72] OBERLE, TIMOTHY T., US  
[71] SEALED AIR CORPORATION (US), US  
[22] 2001-06-11  
[43] 2001-12-12  
[30] US (09/591,830) 2000-06-12

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[21] **2,350,118**  
[13] A1

[51] **Int.Cl. 7H04L 9/32 7H04L 9/30**  
[25] EN  
[54] **A METHOD FOR THE APPLICATION OF IMPLICIT SIGNATURE SCHEMES**  
[54] **METHODE D'APPLICATION D'ELEMENTS DE SIGNATURES IMPLICITES**  
[72] BLAKE-WILSON, SIMON, CA  
[72] VANSTONE, SCOTT A., CA  
[71] CERTICOM CORP., CA  
[22] 2001-06-11  
[43] 2001-12-09  
[30] US (09/589,891) 2000-06-09

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**Canadian Laid-Open Applications  
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[21] **2,350,125**  
[13] A1

[51] **Int.Cl. 7H01R 13/193 7H01R 9/05**  
[25] FR  
[54] **CONNECTEUR ELECTRIQUE**  
[54] **ELECTRICAL CONNECTOR**  
[72] KEISER, MARKUS, CH  
[72] WAGNER, PETER, CH  
[71] ALSTOM, FR  
[22] 2001-06-12  
[43] 2001-12-14  
[30] FR (00 07 570) 2000-06-14

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[21] **2,350,149**  
[13] A1

[51] **Int.Cl. 7E21B 33/127**  
[25] EN  
[54] **INFLATABLE PACKER WITH**  
**FEED-THRU CONDUITS**  
[54] **EMBALLEUR GONFLABLE AVEC**  
**CONDUITS D'ALIMENTATION**  
[72] EDWARDS, JOHN A., US  
[72] BADKE, GREG C., US  
[72] TURLEY, ROCKY A., US  
[71] BAKER-HUGHES INCORPORATED,  
US  
[22] 2001-06-08  
[43] 2001-12-09  
[30] US (09/590,926) 2000-06-09

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[21] **2,350,154**  
[13] A1

[51] **Int.Cl. 7C09K 7/02**  
[25] EN  
[54] **WATER-BASED DRILLING**  
**FLUIDS USING LATEX ADDITIVES**  
[54] **FLUIDES DE FORAGE A BASE**  
**D'EAU CONTENANT DES ADDITIFS**  
**AU LATEX**  
[72] STOWE, CALVIN, US  
[72] BLAND, RONALD, US  
[72] BENAÏSSA, SADDOK, US  
[72] XIANG, TAO, US  
[72] CLAPPER, DENNIS, US  
[71] BAKER-HUGHES INCORPORATED,  
US  
[22] 2001-06-08  
[43] 2001-12-13  
[30] US (60/211,162) 2000-06-13  
[30] US (09/785,842) 2001-02-16

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[21] **2,350,159**  
[13] A1

[51] **Int.Cl. 7E01C 19/10**  
[25] EN  
[54] **ROTARY ELEVATOR**  
[54] **ELEVATEUR ROTATIF**  
[72] DILLMAN, BRUCE A., US  
[71] DILLMAN EQUIPMENT, INC., US  
[22] 2001-06-08  
[43] 2001-12-09  
[30] US (09/594,580) 2000-06-09

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[21] **2,350,160**  
[13] A1

[51] **Int.Cl. 7G01B 11/10**  
[25] EN  
[54] **OPTICAL MEASUREMENT AND**  
**INSPECTION OF REBAR RODS OR**  
**THE LIKE**  
[54] **MESURE ET INSPECTION**  
**OPTIQUES DE BARRES D'ARMATURE**  
**OU D'ELEMENTS SIMILAIRES**  
[72] SERRA, EMILIO, ES  
[71] ZUMBACH ELECTRONIC AG, CH  
[22] 2001-06-08  
[43] 2001-12-09  
[30] EP (00112438.7) 2000-06-09

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[21] **2,350,161**  
[13] A1

[51] **Int.Cl. 7B64C 27/467**  
[25] EN  
[54] **AIRFOIL SUITABLE FOR**  
**FORWARD AND REVERSE FLOW**  
[54] **SURFACE PORTANTE POUR**  
**ECOULEMENT DIRECT ET INVERSE**  
[72] CARTER, JAY W., JR., US  
[72] RONCZ, JOHN G., US  
[71] CARTERCOPTERS, LLC, US  
[22] 2001-06-08  
[43] 2001-12-09  
[30] US (60/210,394) 2000-06-09

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[21] **2,350,164**  
[13] A1

[51] **Int.Cl. 7A01K 29/00**  
[25] EN  
[54] **LEASH POUCH**  
[54] **SAC A DRAGONNE**  
[72] STARRATT, ANTOINETTE M., CA  
[71] STARRATT, ANTOINETTE M., CA  
[22] 2001-06-08  
[43] 2001-12-12  
[30] US (09/592,452) 2000-06-12

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[21] **2,350,166**  
[13] A1

[51] **Int.Cl. 7E01B 27/17**  
[25] EN  
[54] **A METHOD AND MACHINE FOR**  
**TAMPING A TRACK**  
[54] **TECHNIQUE ET MACHINE POUR**  
**LE BOURRAGE D'UN RAIL**  
[72] THEURER, JOSEF, AT  
[72] WORGOTTER, HERBERT, AT  
[71] FRANZ PLASSER  
BAHNBAUMASCHINEN-  
INDUSTRIEGESELLSCHAFT M.B.H., AT  
[22] 2001-06-08  
[43] 2001-12-09  
[30] AT (GM 431/2000) 2000-06-09

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[21] **2,350,173**  
[13] A1

[51] **Int.Cl. 7G02B 27/00 7G09B 9/00**  
**7G06F 3/14**  
[25] EN  
[54] **AN ASPHERIC SCREEN FOR**  
**VISUAL DISPLAY APPARATUS**  
[54] **ECRAN ASPHERIQUE POUR**  
**APPAREIL DE VISUALISATION**  
[72] CREEK, ROY EDWARD, GB  
[71] SEOS DISPLAYS LIMITED, GB  
[22] 2001-06-12  
[43] 2001-12-15  
[30] GB (0014672.0) 2000-06-15

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[21] **2,350,176**  
[13] A1

[51] **Int.Cl. 7E04D 13/152**  
[25] EN  
[54] **TWO-PIECE VENTED CORNICE**  
**DEVICE**  
[54] **DISPOSITIF DEUX PIECES**  
**D'AERATION DE CORNICHE**  
[72] GILE, DENNIS, US  
[71] ELITE EXTERIORS, INC, US  
[22] 2001-06-12  
[43] 2001-12-12  
[30] US (09/592,162) 2000-06-12

**Demandes canadiennes mises à la disponibilité du public**  
**9 decembre 2001 - 15 decembre 2001**

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[21] **2,350,179**  
[13] A1

[51] **Int.Cl. 7B60P 7/04**  
[25] EN  
[54] **ASSEMBLY FOR COVERING OPEN-TOP CONTAINERS**  
[54] **ENSEMBLE POUR COUVRIR DES CONTENEURS DECOUVERTS**  
[72] ROYER, REAL, CA  
[71] ROYER, REAL, CA  
[22] 2001-07-11  
[43] 2001-12-13  
[30] US (60/211,205) 2000-06-13

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[21] **2,350,236**  
[13] A1

[51] **Int.Cl. 7B65D 77/02 7B65D 85/67**  
[25] EN  
[54] **BELT CARRIER FOR DISPENSING MACHINES**  
[54] **PORTE-CEINTURES POUR MACHINES DISTRIBUTRICES**  
[72] FORD, ALLAN L., US  
[71] REBORN PRODUCTS CO., INC., US  
[22] 2001-06-11  
[43] 2001-12-13  
[30] US (09/592,823) 2000-06-13

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[21] **2,350,272**  
[13] A1

[51] **Int.Cl. 7F16J 15/04**  
[25] EN  
[54] **A SEAL STRUCTURE**  
[54] **ELEMENT D'ETANCHEITE**  
[72] ITO, UNJI, JP  
[71] IZUMI PRODUCTS COMPANY, JP  
[22] 2001-06-12  
[43] 2001-12-13  
[30] JP (2000-176205) 2000-06-13

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[21] **2,350,198**  
[13] A1

[51] **Int.Cl. 7G02B 7/00 7G01B 9/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MOUNTING AND ALIGNING A LASER DIODE UNIT IN A LASER SCANNER MODULE FOR USE IN A SAWMILL PROFILE SCANNING**  
[54] **METHODE ET APPAREIL POUR MONTER UNE UNITE DE DIODE LASER DANS UN MODULE DE LECTURE LASER ET L'ALIGNER EN VUE DE SON UTILISATION DANS UN LECTEUR DE PROFILE DE SCIERIE**  
[72] DOBSON, JOHN, CA  
[72] VICTOR, MICHAEL, CA  
[72] NILES, RODNEY, CA  
[72] EDGE, DOUGLAS, CA  
[72] HARMATA, KEVIN, CA  
[72] NEAL, LENELDA, CA  
[72] LUI, CHENGQI, CA  
[71] CAE INC., CA  
[22] 2001-06-12  
[43] 2001-12-12  
[30] US (09/591,492) 2000-06-12

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[21] **2,350,253**  
[13] A1

[51] **Int.Cl. 7H04N 5/44 7H04B 7/15**  
[25] EN  
[54] **TELEVISION RECEPTION SYSTEM, CHANNEL SELECTION APPARATUS AND DISPLAY APPARATUS**  
[54] **SYSTEME DE RECEPTION DE TELEVISION, APPAREIL DE SELECTION DE CANAL ET APPAREIL D'AFFICHAGE**  
[72] YOSHIKAWA, MUNEHIRO, JP  
[72] MAEDA, SATORU, JP  
[72] UCHIUMI, NORIYUKI, JP  
[71] SONY CORPORATION, JP  
[22] 2001-06-11  
[43] 2001-12-14  
[30] JP (P2000-177896) 2000-06-14

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[21] **2,350,273**  
[13] A1

[51] **Int.Cl. 7B60R 21/26**  
[25] EN  
[54] **SELECTIVELY HEAT TREATED AIRBAG CANISTER AND METHOD FOR MAKING SAME**  
[54] **RECIPIENT DE SAC GONFLABLE A TRAITEMENT THERMIQUE SELECTIF ET METHODE DE FABRICATION**  
[72] REITER, MATTHEW J., US  
[72] STAROZHITSKY, MICHAEL, US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2001-06-12  
[43] 2001-12-15  
[30] US (09/595,257) 2000-06-15

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[21] **2,350,223**  
[13] A1

[51] **Int.Cl. 7G01N 21/84 7G06F 19/00 7G06T 7/00 7H04N 7/18**  
[25] EN  
[54] **SYSTEM AND METHOD FOR AUTOMATED NON-CONTACT PARTS INSPECTION**  
[54] **SYSTEME ET METHODE D'INSPECTION AUTOMATISEE DE PIECES SANS CONTACT**  
[72] GIMELSHTEIN, ALEXANDER, CA  
[71] A.G. AUTOMATION/CONTROLS INC, CA  
[22] 2001-06-12  
[43] 2001-12-15  
[30] US (09/612,647) 2000-06-15

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[21] **2,350,271**  
[13] A1

[51] **Int.Cl. 7F16B 23/00**  
[25] EN  
[54] **FASTENER SYSTEM INCLUDING A FASTENER AND A CAP**  
[54] **SYSTEME D'ATTACHE COMPRENANT UNE ATTACHE ET UN CAPUCHON**  
[72] DEWEY, GEORGE G., US  
[72] HEMPFLING, DAVE C., US  
[72] PAUL, SIGISMUND G., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2001-06-12  
[43] 2001-12-14  
[30] US (09/595,568) 2000-06-14

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[21] **2,350,276**  
[13] A1

[51] **Int.Cl. 7A61F 5/442**  
[25] EN  
[54] **APPARATUS AND METHOD FOR PATIENT CARE AND CLEANING**  
[54] **APPAREIL ET TECHNIQUE POUR SOIGNER ET NETTOYER LES PATIENTS**  
[72] MAIMETS, LEMBIT, CA  
[71] MAIMETS, LEMBIT, CA  
[22] 2001-06-12  
[43] 2001-12-12  
[30] US (60/210,828) 2000-06-12

Canadian Laid-Open Applications  
December 9, 2001 - December 15, 2001

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[21] **2,350,282**  
[13] A1  
[51] **Int.Cl. 7B01J 19/32 7F25J 3/02**  
[25] EN  
[54] **STRUCTURED PACKING**  
[54] **GARNISSAGE STRUCTURE**  
[72] IRWIN, NANCY, US  
[72] MCKEIGUE, KEVIN, US  
[72] JEKELI-KOOIJMAN, HENDRIK, DE  
[72] KRISHNAMURTHY, RAMACHANDRAN, US  
[71] THE BOC GROUP, INC., US  
[22] 2001-06-12  
[43] 2001-12-13  
[30] US (09/593,051) 2000-06-13  
[30] US (09/746,094) 2000-12-22

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[21] **2,350,293**  
[13] A1  
[51] **Int.Cl. 7C08L 23/06 7C08L 31/04 7C08L 83/05 7C08L 33/08 7C08L 23/12**  
[25] EN  
[54] **FLAME-RETARDANT POLYOLEFIN-BASED RESIN COMPOSITION, METHOD FOR MANUFACTURING, AND FLAME-RETARDANT CABLE THEREFROM**  
[54] **COMPOSITION DE RESINE POLYOLEFINE IGNIFUGE, PROCEDE DE FABRICATION, ET CABLE IGNIFUGE AINSI OBTENU**  
[72] NAKANISHI, KOJI, JP  
[72] FURUKAWA, HARUHIKO, JP  
[72] SHIROMOTO, KOJI, JP  
[72] HATANAKA, HIDEKATSU, JP  
[72] MORITA, YOSHITSUGU, JP  
[72] UEKI, HIROSHI, JP  
[71] DOW CORNING TORAY SILICONE COMPANY, LTD., JP  
[22] 2001-06-12  
[43] 2001-12-14  
[30] JP (2000-178647) 2000-06-14

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[21] **2,350,294**  
[13] A1  
[51] **Int.Cl. 7A23P 1/08**  
[25] EN  
[54] **APPARATUS FOR ENCRUSTING A FILLING MATERIAL**  
[54] **DISPOSITIF D'INCRUSTATION DE MATIERE DE REMPLISSAGE**  
[72] HAYASHI, TORAHIKO, JP  
[72] TASHIRO, YASUNORI, JP  
[71] RHEON AUTOMATIC MACHINERY CO., LTD., JP  
[22] 2001-06-13  
[43] 2001-12-15  
[30] JP (2000-179867) 2000-06-15

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[21] **2,350,297**  
[13] A1  
[51] **Int.Cl. 7F02M 37/04**  
[25] EN  
[54] **STAND ALONE MULTI STAGE FUEL PUMP**  
[54] **POMPE CARBURANT MULTICELLULAIRE AUTONOME**  
[72] ULM, RALPH, US  
[72] BOUTWELL, RODNEY, US  
[72] STEPHENS, BRUCE, US  
[72] MEYER, PAUL M., US  
[71] UIS, INC., US  
[22] 2001-06-13  
[43] 2001-12-13  
[30] US (09/592,792) 2000-06-13

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[21] **2,350,299**  
[13] A1  
[51] **Int.Cl. 7F22B 31/08 7F28F 3/08**  
[25] EN  
[54] **PLATE TYPE HEAT EXCHANGER FOR EXHAUST GAS HEAT RECOVERY**  
[54] **ECHANGEUR A PLAQUES POUR RECUPERER LA CHALEUR DE GAZ D'ECHAPPEMENT**  
[72] HUIBREGTSE, BRIAN W., US  
[72] ANDERSON, TODD L., US  
[72] PARK, HYUNJAE, US  
[72] WILKINSON, STEPHEN R., US  
[72] AYALA, WILFRED L., US  
[72] STANSFIELD, TOD A., US  
[71] AQUA-CHEM, INC., US  
[22] 2001-06-13  
[43] 2001-12-15  
[30] US (09/594,448) 2000-06-15

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[21] **2,350,300**  
[13] A1  
[51] **Int.Cl. 7A01D 89/00**  
[25] EN  
[54] **PICK-UP FLOATATION SUSPENSION**  
[54] **RAMASSAGE PAR FLOTTATION D'ARTICLES EN SUSPENSION**  
[72] ANSTEY, HENRY DENNIS, XX  
[72] ENGEL, MANFRED, DE  
[72] FRIMML, ROGER WILLIAM, US  
[72] DERSCHIED, DANIEL ERIC, US  
[71] DEERE & COMPANY, US  
[22] 2001-06-12  
[43] 2001-12-15  
[30] US (09/594,251) 2000-06-15

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[21] **2,350,317**  
[13] A1  
[51] **Int.Cl. 7G07B 15/00 7H01Q 19/00**  
[25] EN  
[54] **ANTENNA APPARATUS AND ELECTRONIC TOLL COLLECTION SYSTEM AND ELECTRONIC TOLL COLLECTION METHOD USING THE SAME**  
[54] **APPAREIL A ANTENNE, SYSTEME DE PERCEPTION ELECTRONIQUE DE PEAGE ET METHODE DE PERCEPTION ELECTRONIQUE DE PEAGE UTILISANT CETTE ANTENNE ET CE SYSTEME**  
[72] KURAMOTO, AKIO, JP  
[71] NEC CORPORATION, JP  
[22] 2001-06-13  
[43] 2001-12-14  
[30] JP (177757/2000) 2000-06-14

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[21] **2,350,341**  
[13] A1  
[51] **Int.Cl. 7G01N 33/483**  
[25] EN  
[54] **METHOD AND SYSTEM FOR PREDICTING PHARMACOKINETIC PROPERTIES**  
[54] **METHODE ET SYSTEME PERMETTANT DE PREVOIR LES PROPRIETES PHARMACOCINETIQUES**  
[72] UCHIYAMA, MAMORU, JP  
[72] SHIMADA, KAORU, JP  
[72] HATTORI, KAZUNARI, JP  
[71] PFIZER INC., US  
[22] 2001-06-12  
[43] 2001-12-14  
[30] US (60/211,864) 2000-06-14

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[21] **2,350,343**  
[13] A1  
[51] **Int.Cl. 7A41F 9/00 7A41H 43/00**  
[25] EN  
[54] **GARMENT BELT AND METHOD OF MAKING THE SAME**  
[54] **CEINTURE A VETEMENTS ET METHODE DE FABRICATION**  
[72] O'CONNOR, THOMAS B., US  
[71] REBORN PRODUCTS CO., INC., US  
[22] 2001-06-11  
[43] 2001-12-13  
[30] US (09/593,619) 2000-06-13

**Demandes canadiennes mises à la disponibilité du public**  
**9 decembre 2001 - 15 decembre 2001**

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[21] **2,350,344**  
[13] A1

[51] **Int.Cl. 7H04B 1/38 7G08C 19/00**  
[25] EN  
[54] **A LOW POWER TRANSCEIVER**  
[54] **EMETTEUR-RECEPTEUR A**  
**BASSE PUISSANCE**  
[72] BREINLINGER, RICHARD H., US  
[71] SCHNEIDER AUTOMATION INC.,  
US  
[22] 2001-06-11  
[43] 2001-12-15  
[30] US (09/595,160) 2000-06-15

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[21] **2,350,346**  
[13] A1

[51] **Int.Cl. 7H04L 12/28 7G08C 19/00**  
**7H04L 1/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR**  
**ELECTRICALLY TERMINATING A**  
**TRANSMISSION BUS FOR A**  
**COMMUNICATION NETWORK**  
[54] **METHODE ET APPAREIL**  
**PERMETTANT LA TERMINAISON**  
**ELECTRIQUE D'UN BUS DE**  
**TRANSMISSION DANS UN RESEAU DE**  
**COMMUNICATION**  
[72] BREINLINGER, RICHARD H., US  
[71] SCHNEIDER AUTOMATION INC.,  
US  
[22] 2001-06-11  
[43] 2001-12-15  
[30] US (09/595,162) 2000-06-15

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[21] **2,350,351**  
[13] A1

[51] **Int.Cl. 7A61M 16/06**  
[25] EN  
[54] **NASAL MASK**  
[54] **MASQUE NASAL**  
[72] SMITH, NICHOLAS CHARLES  
ALAN, NZ  
[72] MCAULEY, ALASTAIR EDWIN, NZ  
[72] HAYCOCK, MARK JOSEPH, NZ  
[72] GRADON, LEWIS GEORGE, NZ  
[72] NIGHTINGALE, CHRIS EARL, NZ  
[71] FISHER & PAYKEL LIMITED, NZ  
[22] 2001-06-13  
[43] 2001-12-14  
[30] NZ (505154) 2000-06-14  
[30] NZ (505155) 2000-06-14  
[30] NZ (505156) 2000-06-14  
[30] NZ (508218) 2000-11-16  
[30] NZ (508219) 2000-11-16  
[30] NZ (508433) 2000-11-27  
[30] NZ (509039) 2000-12-20

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[21] **2,350,356**  
[13] A1

[51] **Int.Cl. 7A61M 16/06**  
[25] EN  
[54] **NASAL MASK**  
[54] **MASQUE NASAL**  
[72] NIGHTINGALE, CHRIS EARL, NZ  
[72] HAYCOCK, MARK JOSEPH, NZ  
[72] SMITH, NICHOLAS CHARLES  
ALAN, NZ  
[72] MCAULEY, ALASTAIR EDWIN, NZ  
[72] GRADON, LEWIS GEORGE, NZ  
[71] FISHER & PAYKEL LIMITED, NZ  
[22] 2001-06-13  
[43] 2001-12-14  
[30] NZ (505154) 2000-06-14  
[30] NZ (505155) 2000-06-14  
[30] NZ (505156) 2000-06-14  
[30] NZ (508218) 2000-11-16  
[30] NZ (508219) 2000-11-16  
[30] NZ (508433) 2000-11-27  
[30] NZ (509039) 2000-12-20

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[21] **2,350,358**  
[13] A1

[51] **Int.Cl. 7B21B 21/04**  
[25] EN  
[54] **METHOD FOR ROLLING TUBE**  
**BLANKS IN A PLANETARY SKEW**  
**ROLLING MILL**  
[54] **METHODE DE LAMINAGE**  
**D'EBAUCHES DE TUBES DANS UN**  
**LAMINOIR PLANETAIRE OBLIQUE**  
[72] FRANKEN, HORST, DE  
[72] PFEIFFER, THOMAS, DE  
[71] SMS DEMAG AG, DE  
[22] 2001-06-12  
[43] 2001-12-14  
[30] DE (100 29 114.7) 2000-06-14  
[30] DE (101 26 411.9) 2001-05-22

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[21] **2,350,359**  
[13] A1

[51] **Int.Cl. 7H04L 12/16 7G06F 13/00**  
[25] EN  
[54] **WEB INTERFACE TO AN INPUT/**  
**OUTPUT DEVICE**  
[54] **INTERFACE WEB POUR**  
**DISPOSITIF D'ENTREE/SORTIE**  
[72] DUBE, DENNIS J. W., US  
[72] BAKER, RICHARD A., US  
[71] SCHNEIDER AUTOMATION INC.,  
US  
[22] 2001-06-11  
[43] 2001-12-15  
[30] US (09/595,159) 2000-06-15

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[21] **2,350,360**  
[13] A1

[51] **Int.Cl. 7C08L 23/06 7C08L 69/00**  
**7C08L 77/00 7C08L 67/02 7C08L 83/04**  
**7C08L 23/12**  
[25] EN  
[54] **THERMOPLASTIC ELASTOMER**  
**COMPOSITION, METHOD OF**  
**PREPARATION, AND MOLDED**  
**PRODUCTS THEREOF**  
[54] **COMPOSITION D'ELASTOMERE**  
**THERMOPLASTIQUE, METHODE**  
**POUR SA PREPARATION ET**  
**PRODUITS MOULES A BASE DE**  
**CELLE-CI**  
[72] MORITA, YOSHITSUGU, JP  
[72] LUPTON, KEVIN EDWARD, US  
[72] FURUKAWA, HARUHIKO, JP  
[72] ROMENESKO, DAVID JOSEPH, US  
[71] DOW CORNING TORAY SILICONE  
COMPANY, LTD., JP  
[71] DOW CORNING CORPORATION, US  
[22] 2001-06-12  
[43] 2001-12-12  
[30] JP (2000-175384) 2000-06-12

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[21] **2,350,362**  
[13] A1

[51] **Int.Cl. 7E04B 1/70**  
[25] EN  
[54] **BUILDING STRUCTURE AND**  
**SPACER USED THEREIN**  
[54] **STRUCTURE DE BATIMENT ET**  
**TRAVERSE CONNEXE**  
[72] COULTON, MICHAEL S., US  
[71] BENJAMIN OBDYKE  
INCORPORATED, US  
[22] 2001-06-13  
[43] 2001-12-14  
[30] US (60/211,433) 2000-06-14

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[21] **2,350,364**  
[13] A1

[51] **Int.Cl. 7H05B 3/20 7H05B 3/34**  
[25] EN  
[54] **ELECTRIC RESISTANCE**  
**HEATING/WARMING FABRIC**  
**ARTICLES**  
[54] **ARTICLE EN TISSU A**  
**CHAUFFAGE ELECTRIQUE PAR**  
**RESISTANCE**  
[72] ROCK, MOSHE, US  
[72] SHARMA, VIKRAM, US  
[71] MALDEN MILLS INDUSTRIES, INC.,  
US  
[22] 2001-06-11  
[43] 2001-12-12  
[30] US (09/592,235) 2000-06-12

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**Canadian Laid-Open Applications  
December 9, 2001 - December 15, 2001**

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[21] **2,350,366**  
[13] A1

[51] **Int.Cl. 7G01M 11/02**  
[25] EN  
[54] **OPTICAL CHARACTERISTICS MEASURING APPARATUS, METHOD AND RECORDING MEDIUM**  
[54] **APPAREIL DE MESURE, METHODE DE MESURE ET SUPPORT D'ENREGISTREMENT DE CARACTERISTIQUES OPTIQUES**  
[72] KIMURA, EIJI, JP  
[71] ADVANTEST CORPORATION, JP  
[22] 2001-06-13  
[43] 2001-12-15  
[30] JP (P2000-179716) 2000-06-15

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[21] **2,350,373**  
[13] A1

[51] **Int.Cl. 7H05F 3/06**  
[25] EN  
[54] **STATIC ELIMINATOR EMPLOYING DC-BIASED CORONA WITH EXTENDED STRUCTURE**  
[54] **ELIMINATEUR D'ELECTRICITE STATIQUE FONCTIONNANT AVEC UNE EFFLUVE A TENSION DE POLARISATION CONTINUE A STRUCTURE ETENDUE**  
[72] NOLL, CHARLES G., XX  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2001-06-13  
[43] 2001-12-15  
[30] US (60/211,599) 2000-06-15

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[21] **2,350,382**  
[13] A1

[51] **Int.Cl. 7B65G 11/20**  
[25] EN  
[54] **DUAL ENTRY-DOUBLE HELIX SPIRAL CHUTE**  
[54] **GOULOTTE HELICOIDALE A ENTREE DOUBLE ET A HELICE DOUBLE**  
[72] HANNA, JAMES D., XX  
[72] TERRELL, JONATHAN D., XX  
[71] NORTHRUP GRUMMAN CORPORATION, XX  
[22] 2001-06-13  
[43] 2001-12-15  
[30] US (09/594,163) 2000-06-15

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[21] **2,350,368**  
[13] A1

[51] **Int.Cl. 7A47L 9/12**  
[25] EN  
[54] **VACUUM CLEANER FILTER ASSEMBLY**  
[54] **FILTRE D'ASPIRATEUR**  
[72] LIU, LI H., XX  
[72] BERFIELD, ROBERT C., XX  
[71] SHOP VAC CORPORATION, US  
[22] 2001-06-12  
[43] 2001-12-14  
[30] US (09/594,542) 2000-06-14

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[21] **2,350,376**  
[13] A1

[51] **Int.Cl. 7A47L 13/16**  
[25] EN  
[54] **DISPOSABLE CLEANING FABRICS**  
[54] **TISSUS DE NETTOYAGE JETABLES**  
[72] YOUNG, SCOT R., XX  
[71] SCOT YOUNG RESEARCH, INC., US  
[22] 2001-06-13  
[43] 2001-12-14  
[30] US (09/593,999) 2000-06-14  
[30] US (09/844,803) 2001-04-27

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[21] **2,350,413**  
[13] A1

[51] **Int.Cl. 7H04L 27/00 7H04L 27/18 7H04L 12/20**  
[25] EN  
[54] **VARIABLE RATE DPSK SYSTEM ARCHITECTURE**  
[54] **ARCHITECTURE DE SYSTEME MDPD A DEBIT VARIABLE**  
[72] BAUCH, JEFFERY S., US  
[72] HUMES, TODD E., US  
[72] ROTH, JAMES A., US  
[71] TRW INC., US  
[22] 2001-06-14  
[43] 2001-12-15  
[30] US (09/595,285) 2000-06-15

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[21] **2,350,372**  
[13] A1

[51] **Int.Cl. 7B61B 3/00**  
[25] EN  
[54] **HARMONIC LIFT DRIVE SYSTEM FOR A GANTRY CONVEYOR**  
[54] **SYSTEME DE DEMULTIPLICATION HARMONIQUE POUR PONT ROULANT**  
[72] FAITEL, WILLIAM M., XX  
[71] UNOVA IP CORP., US  
[22] 2001-06-13  
[43] 2001-12-14  
[30] US (60/211,617) 2000-06-14  
[30] US (09/878,865) 2001-06-11

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[21] **2,350,379**  
[13] A1

[51] **Int.Cl. 7B29C 67/20 7H01M 2/14**  
[25] EN  
[54] **POROUS FILM AND SEPARATOR FOR BATTERY USING THE SAME**  
[54] **PELLICULE POREUSE ET SEPARATEUR POUR ACCUMULATEURS UTILISANT CES PRODUITS**  
[72] HOSHIDA, DAIJIRO, JP  
[72] SHINOHARA, YASUO, JP  
[72] TAKAHASHI, TSUTOMU, JP  
[72] YAMADA, TAKESHI, JP  
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP  
[22] 2001-06-13  
[43] 2001-12-14  
[30] JP (2000-178006) 2000-06-14

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[21] **2,350,446**  
[13] A1

[51] **Int.Cl. 7B60R 1/06 7A47G 1/00**  
[25] EN  
[54] **PLASTIC MIRROR ASSEMBLY**  
[54] **MIROIR EN PLASTIQUE**  
[72] SCHMIDT, WILLIAM P., US  
[71] SCHMIDT, WILLIAM P., US  
[22] 2001-06-14  
[43] 2001-12-15  
[30] US (60/211,938) 2000-06-15

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**9 decembre 2001 - 15 decembre 2001**

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[21] **2,350,530**  
[13] A1

[51] **Int.Cl. 7A61H 19/00 7A61H 21/00**  
[25] EN  
[54] **THERAPEUTIC SEXUAL DEVICE FOR WOMEN**  
[54] **APPAREIL DE THERAPIE SEXUELLE FEMININE**  
[72] RAYNE, JANESON P., CA  
[71] RAYNE, JANESON P., CA  
[22] 2001-06-14  
[43] 2001-12-14  
[30] US (09/594,055) 2000-06-14

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[21] **2,350,593**  
[13] A1

[51] **Int.Cl. 7H04N 7/173**  
[25] EN  
[54] **PROCESS AND SYSTEM FOR VIDEO ON DEMAND**  
[54] **PROCEDE ET SYSTEME DE VIDEO A LA DEMANDE**  
[72] GOMEZ, ETIENNE, FR  
[71] GOMEZ, ETIENNE, FR  
[22] 2001-06-14  
[43] 2001-12-14  
[30] EP (00401679.6) 2000-06-14

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[21] **2,350,703**  
[13] A1

[51] **Int.Cl. 7G02B 6/36**  
[25] EN  
[54] **A PLUG ARRANGEMENT FOR AN OPTICAL PLUG-AND-SOCKET CONNECTION**  
[54] **MONTAGE DE BRANCHEMENT PAR CONNEXION OPTIQUE A FICHE ET PRISE**  
[72] DE MARCHI, SILVERIO, CH  
[71] DIAMOND SA, CH  
[22] 2001-06-14  
[43] 2001-12-15  
[30] EP (00 81 0519.9) 2000-06-15

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[21] **2,350,765**  
[13] A1

[51] **Int.Cl. 7C08G 65/327 7C09D 17/00 7C09D 5/02 7C09D 11/10 7C11D 1/78**  
[25] EN  
[54] **PHOSPHORIC ESTERS AS EMULSIFIERS AND DISPERSANTS**  
[54] **ESTERS PHOSPHORIQUES UTILISES COMME EMULSIFIANTS ET DISPERSANTS**  
[72] SILBER, STEFAN, DE  
[72] LEHMANN, KATHRIN, DE  
[72] STUTTGEN, ANDREAS, DE  
[72] ESSELBORN, EBERHARD, DE  
[72] HEILEN, WERNFRIED, DE  
[72] REUTER, ELLEN, DE  
[71] GOLDSCHMIDT AG, DE  
[22] 2001-06-14  
[43] 2001-12-15  
[30] DE (100 29 648.3) 2000-06-15

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[21] **2,350,769**  
[13] A1

[51] **Int.Cl. 7H02M 7/04**  
[25] EN  
[54] **RECTIFIER AND TRANSFORMER THEREOF**  
[54] **REDRESSEUR ET TRANSFORMATEUR CONNEXE**  
[72] TSUDA, JUNICHI, JP  
[72] MOCHIKAWA, HIROSHI, JP  
[71] KABUSHIKI KAISHA TOSHIBA, JP  
[22] 2001-06-14  
[43] 2001-12-15  
[30] JP (P2000-179543) 2000-06-15

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[21] **2,350,788**  
[13] A1

[51] **Int.Cl. 7A01B 63/16 7A01B 73/00**  
[25] EN  
[54] **TOWED FARM MACHINE**  
[54] **MACHINE AGRICOLE TRACTEE**  
[72] MENTZER, MATTHEW, US  
[72] TEPE, HEINRICH, FR  
[72] FAIVRE, DAMIEN, FR  
[72] BEAUFORT, DAVID, FR  
[71] DEERE & COMPANY, US  
[22] 2001-06-14  
[43] 2001-12-15  
[30] DE (100 29 363.8) 2000-06-15

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[21] **2,350,800**  
[13] A1

[51] **Int.Cl. 7E06C 7/18**  
[25] EN  
[54] **LADDER SAFETY HOOP SYSTEM**  
[54] **SYSTEME D'ARCEAU DE SECURITE POUR ECHELLE**  
[72] BROWN, RICHARD T., US  
[71] SAFETY BRACE, INC., US  
[22] 2001-06-14  
[43] 2001-12-15  
[30] US (09/594,280) 2000-06-15  
[30] US (09/772,399) 2001-01-31

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[21] **2,350,809**  
[13] A1

[51] **Int.Cl. 7G09G 5/39 7G09B 9/00 7G06F 3/14 7G09G 5/391**  
[25] EN  
[54] **APPARATUS USING FRAMESTORE DEMULTIPLEXING**  
[54] **APPAREIL UTILISANT LE DEMULTIPLEXAGE DE MEMOIRE D'IMAGES**  
[72] MACPHERSON, IAN MURDOCH, GB  
[72] BLACKHAM, GEOFFREY HOWARD, GB  
[71] SEOS DISPLAYS LIMITED, GB  
[22] 2001-06-14  
[43] 2001-12-15  
[30] GB (0014671.2) 2000-06-15

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[21] **2,350,858**  
[13] A1

[51] **Int.Cl. 7E21B 23/00**  
[25] EN  
[54] **PRESSURE PULSE ATTENUATOR**  
[54] **ATTENUATEUR D'IMPULSIONS DE PRESSION**  
[72] SWANSON, ROY E., JR., US  
[71] BAKER HUGHES INCORPORATED, US  
[22] 2001-06-15  
[43] 2001-12-15  
[30] US (09/595,590) 2000-06-15

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[21] **2,350,900**

[13] A1

[51] **Int.Cl. 7H04R 1/28 7H04R 1/02**

[25] EN

[54] **LAY-IN CEILING SPEAKER**

[54] **HAUT-PARLEUR DE PLAFOND  
SUSPENDU**

[72] LANE, KEVIN G., US

[72] MASON, JOHN W., US

[71] VALCOM, INC., US

[22] 2001-06-15

[43] 2001-12-15

[30] US (60/211,574) 2000-06-15

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[21] **2,351,023**

[13] A1

[51] **Int.Cl. 7C08F 220/32 7C08F 220/06**

**7C08F 8/42 7C08F 4/69 7C08F 4/80**

[25] EN

[54] **METAL COMPOUND**

**COMPOSITION**

[54] **COMPOSITION DE COMPOSE**

**METALLIQUE**

[72] SATO, MUTSUMI, JP

[72] OKAMOTO, KUNIAKI, JP

[72] SANO, ATSUNORI, JP

[71] KOBAYASHI, SHU, JP

[71] WAKO PURE CHEMICAL  
INDUSTRIES, LTD., JP

[22] 2001-06-14

[43] 2001-12-15

[30] JP (2000-179823) 2000-06-15

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[21] **2,351,258**

[13] A1

[51] **Int.Cl. 7F16K 11/00 7F16K 17/00**

[25] EN

[54] **MIXER VALVE**

[54] **ROBINET MELANGEUR**

[72] TARZIA, UMBERTO, CA

[71] AMERICAN FAUCET INC., CA

[22] 2001-06-12

[43] 2001-12-12

[30] US (60/210,822) 2000-06-12

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[21] **2,344,225**  
[13] A1

[51] **Int.Cl. 7E02D 29/045**  
[25] FR  
[54] **OUVRAGE TUBULAIRE**  
[54] **TUBULAR STRUCTURE**  
[72] MATIERE, MARCEL, FR  
[71] SOCIÉTÉ CIVILE DE BREVETS  
MATIERE, FR  
[85] 2001-03-22  
[86] 1999-09-20 (PCT/FR99/02231)  
[87] 2000-03-30 (WO00/17456)  
[30] FR (98/11819) 1998-09-22  
[30] FR (98/16503) 1998-12-28

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[21] **2,352,323**  
[13] A1

[51] **Int.Cl. 7A45F 4/02 7A47B 21/00**  
**7G06F 1/18**  
[25] EN  
[54] **LAPTOP CARRYING CASE**  
[54] **MALLETTE D'ORDINATEUR**  
**PORTATIF**  
[72] SWINGER, JAY W., US  
[71] SWINGER, JAY W., US  
[85] 2001-05-24  
[86] 2000-06-15 (PCT/US00/40217)  
[87] 2001-12-15 ()

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[21] **2,355,270**  
[13] A1

[51] **Int.Cl. 7A61K 39/295 7A61P 31/12**  
[25] EN  
[54] **MULTIVALENT IMMUNOGENIC**  
**COMPOSITION CONTAINING RSV**  
**SUBUNIT COMPOSITION AND**  
**INFLUENZA VIRUS PREPARATION**  
[54] **COMPOSITION IMMUNOGENE**  
**POLYVALENTE CONTENANT UNE**  
**COMPOSITION DE SOUS-UNITE DE**  
**RSV ET UNE PREPARATION**  
**D'INFLUENZAVIRUS**  
[72] SAMBHARA, SURYAPRAKASH, CA  
[72] CATES, GEORGE A., CA  
[72] KLEIN, MICHEL H., CA  
[72] BURT, DAVID, CA  
[71] AVENTIS PASTEUR LIMITED, CA  
[85] 2001-06-14  
[86] 1999-12-16 (PCT/CA99/01194)  
[87] 2000-06-22 (WO00/35481)  
[30] US (09/213,770) 1998-12-17

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[21] **2,355,627**  
[13] A1

[51] **Int.Cl. 7A61K 9/00 7A61P 1/04**  
[25] EN  
[54] **FOAMING ANTACID SUSPENSION**  
**TABLETS**  
[54] **COMPRIMES ANTIACIDES**  
**GENERANT DES SUSPENSIONS**  
**MOUSSANTES**  
[72] BAUER, KURT H., DE  
[71] DR. REGENOLD GMBH, DE  
[85] 2001-06-19  
[86] 1999-12-14 (PCT/EP99/09934)  
[87] 2000-06-29 (WO00/37043)  
[30] DE (198 59 231.0) 1998-12-21

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[21] **2,355,631**  
[13] A1

[51] **Int.Cl. 7A01K 67/027 7A61K 49/00**  
**7C12N 5/10 7A61K 38/17 7G01N 33/50**  
**7C12Q 1/68 7C07K 14/82**  
[25] EN  
[54] **MSH5 ABLATED MICE AND USES**  
**THEREFOR**  
[54] **SOURIS DONT LE GENE MSH5 A**  
**ETE MODIFIE ET UTILISATIONS DE**  
**CES DERNIERES**  
[72] KOLODNER, RICHARD D., US  
[72] KUCHERLAPATI, RAJU S., US  
[72] POLLARD, JEFFREY W., US  
[72] EDELMANN, WINFRIED, US  
[71] DANA-FARBER CANCER  
INSTITUTE, US  
[71] ALBERT EINSTEIN COLLEGE OF  
MEDICINE OF YESHIVA UNIVERSITY,  
US  
[85] 2001-06-19  
[86] 1999-12-22 (PCT/US99/30958)  
[87] 2000-06-29 (WO00/36910)  
[30] US (60/113,487) 1998-12-22

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[21] **2,355,632**  
[13] A1

[51] **Int.Cl. 7C12N 15/85 7A61K 35/00**  
**7C12Q 1/00 7C12N 5/10 7G01N 33/50**  
[25] EN  
[54] **UCP-2 PROMOTER DNA**  
[54] **PROMOTEUR UCP-2 ET SON**  
**UTILISATION**  
[72] KOBAYASHI, MAKOTO, JP  
[72] TOYODA, YUKIO, JP  
[72] IGAKI, SHIGERU, JP  
[71] TAKEDA CHEMICAL INDUSTRIES,  
LTD., JP  
[85] 2001-06-20  
[86] 1999-12-22 (PCT/JP99/07198)  
[87] 2000-07-06 (WO00/39315)  
[30] JP (10/366719) 1998-12-24

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[21] **2,355,633**  
[13] A1

[51] **Int.Cl. 7A61K 7/48**  
[25] EN  
[54] **SKIN CARE COMPOSITIONS CONTAINING CIS-9, TRANS-11 LINOLEIC ACID**  
[54] **COMPOSITIONS POUR LES SOINS DE LA PEAU CONTENANT UN ACIDE LINOLEIQUE CIS 9 TRANS 11**  
[72] RAWLINGS, ANTHONY VINCENT, GB  
[72] ROGERS, JULIA SARAH, GB  
[72] WATKINSON, ALLAN, GB  
[72] POWELL, JONATHAN RICHARD, GB  
[72] MCNEILL, GERALD PATRICK, US  
[72] HARDING, CLIVE RODERICK, GB  
[72] GREEN, MARTIN RICHARD, GB  
[72] ALALUF, SIMON, GB  
[72] HU, HENG-LONG, GB  
[71] UNILEVER PLC, GB  
[85] 2001-06-19  
[86] 1999-12-03 (PCT/EP99/09589)  
[87] 2000-06-29 (WO00/37040)  
[30] GB (9828379.9) 1998-12-22

[21] **2,355,634**  
[13] A1

[51] **Int.Cl. 7B65G 47/88**  
[25] EN  
[54] **CONVEYOR FOR GARMENT HANGER**  
[54] **TRANSPORTEUR POUR CINTRES A VETEMENTS**  
[72] GREGORSSON, HENRIK, SE  
[72] JACOBSON, CARL-MAGNUS, SE  
[71] JENSEN SWEDEN AKTIEBOLAG, SE  
[85] 2001-06-19  
[86] 1999-12-22 (PCT/SE99/02458)  
[87] 2000-07-06 (WO00/39007)  
[30] SE (9804532-1) 1998-12-23

[21] **2,355,635**  
[13] A1

[51] **Int.Cl. 7C08G 18/76 7C08L 97/02 7C08G 18/10**  
[25] EN  
[54] **THIXOTROPIC WOOD BINDER COMPOSITIONS**  
[54] **COMPOSITIONS THIXOTROPIQUES UTILISEES COMME LIANT POUR BOIS**  
[72] ROSTHAUSER, JAMES W., US  
[71] BAYER CORPORATION, US  
[85] 2001-06-20  
[86] 1999-12-18 (PCT/US99/30283)  
[87] 2000-07-06 (WO00/39185)  
[30] US (09/221,034) 1998-12-23

[21] **2,355,636**  
[13] A1

[51] **Int.Cl. 7G06F 15/00 7G10K 15/02 7H04L 9/08 7H04L 9/32**  
[25] EN  
[54] **CONTENTS PROVIDING SYSTEM**  
[54] **SYSTEME FOURNISSEUR DE CONTENU**  
[72] SATO, ICHIRO, JP  
[72] EZURA, YUICHI, JP  
[72] EBIHARA, MUNETAKE, JP  
[72] ISHIGURO, RYUJI, JP  
[72] KAWAKAMI, ITARU, JP  
[72] TANABE, MITSURU, JP  
[71] SONY CORPORATION, JP  
[85] 2001-06-20  
[86] 2000-10-25 (PCT/JP00/07473)  
[87] 2001-05-03 (WO01/31461)  
[30] JP (11/303142) 1999-10-25

[21] **2,355,655**  
[13] A1

[51] **Int.Cl. 7C12N 9/54 7C11D 3/386**  
[25] EN  
[54] **SUBTILASE ENZYMES OF THE I-S1 AND I-S2 SUB-GROUPS HAVING AN ADDITIONAL AMINO ACID RESIDUE IN AN ACTIVE SITE LOOP REGION**  
[54] **ENZYMES SUBTILASES DES SOUS GROUPE I-S1 ET I-S2 POSSEDANT UN RESIDU ACIDE AMINE SUPPLEMENTAIRE DANS UN REGION EN BOUCLE DE SITE ACTIF**  
[72] MIKKELSEN, FRANK, DK  
[72] ANDERSEN VILBOUR, KIM, DK  
[72] NORREGAARD-MADSEN, MADS, DK  
[72] ANDERSEN, CARSTEN, DK  
[72] HANSEN KAMP, PETER, DK  
[71] NOVOZYMES A/S, DK  
[85] 2001-06-18  
[86] 1999-12-20 (PCT/DK99/00713)  
[87] 2000-06-29 (WO00/37623)  
[30] DK (PA 1998 01675) 1998-12-18

[21] **2,355,657**  
[13] A1

[51] **Int.Cl. 7A61K 9/06 7A61K 47/34**  
[25] EN  
[54] **BIODEGRADABLE PH/THERMOSENSITIVE HYDROGELS FOR SUSTAINED DELIVERY OF BIOLOGICALLY ACTIVE AGENTS**  
[54] **HYDROGELS BIODEGRADABLES THERMOSENSIBLES/SENSIBLES AU PH SERVANT A L'APPORT PROLONGE D'AGENTS BIOLOGIQUEMENT ACTIFS**  
[72] SHAH, SUBODH, US  
[72] DAI, WEIGUO, US  
[71] AMGEN, INC., US  
[85] 2001-06-19  
[86] 1999-12-10 (PCT/US99/29401)  
[87] 2000-07-06 (WO00/38651)  
[30] US (09/221,178) 1998-12-23

[21] **2,355,768**  
[13] A1

[51] **Int.Cl. 7A61L 27/38**  
[25] EN  
[54] **INJECTABLE HYALURONIC ACID DERIVATIVE WITH PHARMACEUTICALS/CELLS**  
[54] **DERIVE DE L'ACIDE HYALURONIQUE INJECTABLE AVEC DES PRODUITS PHARMACEUTIQUES/CELLULES**  
[72] RADICE, MARCO, IT  
[72] PASTORELLO, ANDREA, IT  
[72] PAVESIO, ALESSANDRA, IT  
[72] CALLEGARO, LANFRANCO, IT  
[71] FIDIA ADVANCED BIOPOLYMERS, S.R.L., IT  
[85] 2001-06-20  
[86] 1999-12-21 (PCT/IB99/02077)  
[87] 2000-06-29 (WO00/37124)  
[30] IT (PD98A000298) 1998-12-21

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<p style="text-align: center;">[21] <b>2,355,769</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C02F 1/46 7C25B 9/00 7C02F 1/78</b> [25] EN [54] <b>MICROORGANISM CONTROL OF POINT-OF-USE POTABLE WATER SOURCES</b> [54] <b>ELIMINATION DES MICRO-ORGANISMES A UN POINT D'UTILISATION DE SOURCES D'EAU POTABLE</b> [72] ANDREWS, CRAIG C., US [72] MURPHY, OLIVER, US [71] LYNNTECH, INC., US [85] 2001-06-14 [86] 1999-12-15 (PCT/US99/29861) [87] 2000-06-22 (WO00/35813) [30] US (60/112,452) 1998-12-16 [30] US (09/247,767) 1999-02-09</p>	<p style="text-align: center;">[21] <b>2,355,773</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B60H 1/24 7B60H 1/00</b> [25] EN [54] <b>DRIVER VENTILATION FOR DELIVERY TRUCK</b> [54] <b>DISPOSITIF DE VENTILATION DE CONDUCTEUR DE CAMION DE LIVRAISON</b> [72] ANDERSON, WARREN H., US [72] EAGEN, PATRICK M., US [72] KESSLER, JAY C., US [72] FABIANO, FRANK A., US [71] GRUMMAN OLSON INDUSTRIES, INC., US [85] 2001-06-14 [86] 1999-12-16 (PCT/US99/29801) [87] 2000-06-22 (WO00/35693) [30] US (60/112,496) 1998-12-16</p>	<p style="text-align: center;">[21] <b>2,355,776</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/685 7A61P 3/06 7A61P 9/10 7A61K 31/35 7A61K 31/353 7A61K 31/66</b> [25] EN [54] <b>PHOSPHOLIPID COMPLEXES OF PROANTHOCYANIDIN A2 AS ANTIATHEROSCLEROTIC AGENTS</b> [54] <b>COMPLEXES PHOSPHOLIPIDIQUES DE PROANTHOCYANIDINE A2 COMME AGENTS ANTI-ATHEROSCLEREUX</b> [72] BOMBARDELLI, EZIO, IT [72] MORAZZONI, PAOLO, IT [71] INDENA S.P.A., IT [85] 2001-06-14 [86] 1999-12-13 (PCT/EP99/09854) [87] 2000-06-29 (WO00/37062) [30] IT (MI98A002732) 1998-12-18</p>
<p style="text-align: center;">[21] <b>2,355,772</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61D 7/00 6A61D 19/02</b> [25] EN [54] <b>VETERINARY DELIVERY DEVICE AND METHOD</b> [54] <b>DISPOSITIF VETERINAIRE D'ADMINISTRATION DE SUBSTANCES ET PROCEDE CORRESPONDANT</b> [72] NORRIS, CHRISTOPHER SETON, NZ [72] GIBSON, DAVID JOHN MICHAEL, NZ [71] BRYHER HOLDINGS LIMITED, NZ [85] 2001-06-14 [86] 1999-02-25 (PCT/NZ99/00022) [87] 1999-09-02 (WO99/43269) [30] NZ (329764) 1998-02-25 [30] NZ (331743) 1998-09-04 [30] NZ (331744) 1998-09-04 [30] NZ (331745) 1998-09-04 [30] NZ (331746) 1998-09-04 [30] NZ (331748) 1998-09-07</p>	<p style="text-align: center;">[21] <b>2,355,774</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A23L 1/308 7A23L 1/0528 7A23L 1/29</b> [25] EN [54] <b>FIBRE BLEND FOR ENTERAL COMPOSITION</b> [54] <b>MELANGE DE FIBRES POUR COMPOSITION ENTERALE</b> [72] BRASSART, DOMINIQUE, FR [72] SCHWEIZER, THOMAS, CH [72] JAUSSAN, VERONIQUE, CH [72] BRUN, THIERRY, FR [71] SOCIETE DES PRODUITS NESTLE S.A., CH [85] 2001-06-14 [86] 1999-12-15 (PCT/EP99/10076) [87] 2000-06-22 (WO00/35303) [30] EP (98204245.9) 1998-12-15</p>	<p style="text-align: center;">[21] <b>2,355,777</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A23G 3/30 6A61K 9/68</b> [25] EN [54] <b>CONTROLLING RELEASE OF ACTIVE AGENTS FROM A CHEWING GUM COATING</b> [54] <b>LIBERATION PROLONGEE DE PRINCIPES ACTIFS D'UN ENROBAGE DE GOMME A MACHER</b> [72] RUSSEL, MICHAEL P., US [72] SCHNELL, PHILIP G., US [72] TYRPIN, HENRY T., US [72] RECORD, DAVID W., US [72] TOWNSEND, DONALD J., US [72] SONG, JOO H., US [71] WM. WRIGLEY JR. COMPANY, US [85] 2001-06-14 [86] 1999-12-10 (PCT/US99/29280) [87] 2000-06-22 (WO00/35295) [30] US (06/112,389) 1998-12-15 [30] US (09/389,211) 1999-09-02</p>
	<p style="text-align: center;">[21] <b>2,355,775</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/70</b> [25] EN [54] <b>METHOD FOR THE TREATMENT OF SEVERE CHRONIC BRONCHITIS (BRONCHIECTASIS) WITH AN AEROSOLIZED ANTIBIOTIC</b> [54] <b>PROCEDE DE TRAITEMENT DE LA BRONCHITE CHRONIQUE SEVERE (BRONCHIECTASIE) AVEC UN ANTIBIOTIQUE EN AEROSOL</b> [72] MONTGOMERY, ALAN B., US [72] BAKER, WILLIAM R., US [71] PATHOGENESIS CORPORATION, US [85] 2001-06-14 [86] 1999-12-17 (PCT/US99/30234) [87] 2000-06-22 (WO00/35461) [30] US (60/112,984) 1998-12-17</p>	

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[21] **2,355,778**  
[13] A1  
[51] **Int.Cl. 7A23L 1/30 7A23D 7/00 7A23D 9/00 7A23L 1/24**  
[25] EN  
[54] **FORTIFICATION OF FOOD PRODUCTS WITH OLIVE FRUIT INGREDIENTS**  
[54] **ENRICHISSEMENT DE PRODUITS ALIMENTAIRES A L'AIDE D'INGREDIENTS TIRES DES OLIVES**  
[72] OVERBEEKE, NICO, NL  
[72] VAN PUTTE, KAREL P. A. M., NL  
[72] VAN BUUREN, JAN, NL  
[71] UNILEVER PLC, GB  
[85] 2001-06-14  
[86] 1999-12-06 (PCT/EP99/09571)  
[87] 2000-07-06 (WO00/38541)  
[30] EP (98204441.4) 1998-12-23

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[21] **2,355,779**  
[13] A1  
[51] **Int.Cl. 6A23G 3/30 6A61K 9/68**  
[25] EN  
[54] **IMPROVED RELEASE OF MEDICAMENT ACTIVE AGENTS FROM A CHEWING GUM COATING**  
[54] **LIBERATION AMELIOREE D'AGENTS MEDICAMENTEUX ACTIFS PAR UN ENROBAGE DE CHEWING-GUM**  
[72] SEIELSTAD, DONALD A., US  
[72] TYPRIN, HENRY T., US  
[72] RUSSELL, MICHAEL P., US  
[72] WITKEWITZ, DAVID L., US  
[72] SCHNELL, PHILIP G., US  
[72] GUDAS, VICTOR V., US  
[72] CORRIVEAU, CHRISTINE L., US  
[72] YATKA, ROBERT J., US  
[72] REAM, RONALD L., US  
[72] TOWNSEND, DONALD J., US  
[72] RECORD, DAVID W., US  
[72] REED, MICHAEL A., US  
[72] WOKAS, WILLIAM J., US  
[72] GREENBERG, MICHAEL J., US  
[72] SONG, JOO H., US  
[72] JOHNSON, SONYA S., US  
[71] WM. WRIGLEY JR. COMPANY, US  
[85] 2001-06-14  
[86] 1999-12-14 (PCT/US99/29742)  
[87] 2000-06-22 (WO00/35296)  
[30] US (60/112,389) 1998-12-15  
[30] US (09/286,818) 1999-04-06  
[30] US (09/389,211) 1999-09-02

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[21] **2,355,816**  
[13] A1  
[51] **Int.Cl. 7C12Q 1/68**  
[25] EN  
[54] **A SYSTEM AND METHODS FOR NUCLEIC ACID SEQUENCING OF SINGLE MOLECULES BY POLYMERASE SYNTHESIS**  
[54] **SYSTEME ET PROCEDE DE SEQUENCAGE D'ACIDES NUCLEIQUES MONO-MOLECULAIRES PAR SYNTHESE DE POLYMERASE**  
[72] WILLIAMS, JOHN G. K., US  
[71] LI-COR, INC., US  
[85] 2001-06-13  
[86] 1999-12-13 (PCT/US99/29585)  
[87] 2000-06-22 (WO00/36152)  
[30] US (60/112,078) 1998-12-14  
[30] US (60/115,496) 1999-01-11

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[21] **2,355,818**  
[13] A1  
[51] **Int.Cl. 7C07K 5/117 7A61P 7/02 7C07K 5/023 7A61K 38/06 7A61K 38/07 7C07K 5/087**  
[25] EN  
[54] **SUBSTITUTED HETEROCYCLIC ACYL-TRIPEPTIDES USEFUL AS THROMBIN RECEPTOR MODULATORS**  
[54] **TRIPEPTIDES ACYLES HETEROCYCLIQUES SUBSTITUES, UTILES COMME MODULATEURS DU RECEPTEUR DE LA THROMBINE**  
[72] HAWKINS, MICHAEL J., US  
[72] MARYANOFF, BRUCE E., US  
[72] MCCOMSEY, DAVID F., US  
[71] ORTHO-MCNEIL PHARMACEUTICAL, INC., US  
[85] 2001-06-14  
[86] 1999-11-19 (PCT/US99/27570)  
[87] 2000-06-22 (WO00/35942)  
[30] US (60/112,313) 1998-12-14  
[30] US (09/444,327) 1999-11-19

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[21] **2,355,821**  
[13] A1  
[51] **Int.Cl. 7F25J 1/02 7F25B 9/00 7F25D 3/10**  
[25] EN  
[54] **LIQUID HELIUM RECONDENSATION DEVICE AND TRANSFER LINE USED THEREFOR**  
[54] **APPAREIL PERMETTANT DE RECONDENSER DE L'HELIUM LIQUIDE ET CONDUITE DE TRANSFERT UTILISEE A CET EFFET**  
[72] TAKEDA, TSUNEHIRO, JP  
[71] JAPAN SCIENCE AND TECHNOLOGY CORPORATION, JP  
[85] 2001-06-20  
[86] 1999-11-30 (PCT/JP99/06683)  
[87] 2000-07-06 (WO00/39513)  
[30] JP (10/369064) 1998-12-25

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[21] **2,355,824**  
[13] A1  
[51] **Int.Cl. 7C08L 101/00 7C08L 23/00**  
[25] EN  
[54] **SYNTHETIC POLYMERS COMPRISING ADDITIVE BLENDS WITH ENHANCED EFFECT**  
[54] **POLYMERES SYNTHETIQUES RENFERMANT DES MELANGES D'ADDITIFS A EFFET ACCENTUE**  
[72] HOFFMANN, KURT, DE  
[72] PFAENDNER, RUDOLF, DE  
[72] MEYER, FELIX, CH  
[72] ROTZINGER, BRUNO, CH  
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH  
[85] 2001-06-20  
[86] 2000-01-04 (PCT/EP00/00010)  
[87] 2000-07-20 (WO00/42109)  
[30] EP (99810011.9) 1999-01-11  
[30] CH (1356/99) 1999-07-23

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<p style="text-align: right;">[21] <b>2,355,826</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04B 1/69</b> [25] EN [54] <b>A DATA COMMUNICATION DEVICE AND METHOD IN A CDMA COMMUNICATION SYSTEM</b> [54] <b>DISPOSITIF ET PROCEDE DE COMMUNICATION DE DONNEES POUR SYSTEME DE COMMUNICATION CDMA</b> [72] PARK, SO-MIN, KR [72] CHANG, HOON, KR [72] KANG, HEE-WON, KR [71] SAMSUNG ELECTRONICS CO., LTD., KR [85] 2001-06-20 [86] 2000-01-07 (PCT/KR00/00008) [87] 2000-07-13 (WO00/41329) [30] KR (1999/873) 1999-01-07</p>	<p style="text-align: right;">[21] <b>2,355,831</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/11 7A61K 39/09 7C12N 5/10 7C07K 16/12 7C07K 14/315</b> [25] EN [54] <b>NOVEL FIBRONECTIN-BINDING PROTEIN</b> [54] <b>NOUVELLE PROTEINE FIXANT LA FIBRONECTINE</b> [72] JACOBSSON, KARIN, SE [72] GUSS, BENGT, SE [72] FRYKBERG, LARS, SE [72] LINDMARK, HANS, SE [71] JACOBSSON, KARIN, SE [71] GUSS, BENGT, SE [71] FRYKBERG, LARS, SE [71] LINDMARK, HANS, SE [85] 2001-06-20 [86] 1999-12-21 (PCT/SE99/02448) [87] 2000-06-29 (WO00/37496) [30] SE (9804491-0) 1998-12-22</p>	<p style="text-align: right;">[21] <b>2,355,842</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F16K 7/12 7F16K 27/00 7F16J 13/02 7F16K 27/02 7B65D 39/08 7F16K 31/08 7B65D 39/10 7B65D 90/10 7F16K 31/10 7F16J 13/12 7F16K 27/12 7F16K 31/128 7F16J 13/24 7B65D 45/30</b> [25] EN [54] <b>AIR FLOW CONTROL VALVE</b> [54] <b>SOUPAPE DE COMMANDE D'ECOULEMENT D'AIR</b> [72] MCCAUSLAND, ANDREW JOHN, AU [72] HELLER, PATRICK ALEXANDER, AU [71] GOYEN CONTROLS CO. PTY. LIMITED, AU [85] 2001-06-20 [86] 1999-12-22 (PCT/AU99/01145) [87] 2000-07-06 (WO00/39489) [30] AU (PP 7910) 1998-12-23 [30] AU (PQ 0258) 1999-05-10</p>
<p style="text-align: right;">[21] <b>2,355,830</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 9/16</b> [25] EN [54] <b>CRYSTALLINE FORM OF ACTIVATED TRAP AND USE THEREOF FOR STRUCTURE-BASED DRUG DESIGN</b> [54] <b>FORME CRISTALLINE DE PHOSPHATASES TRAP ACTIVEES ET UTILISATION DE CES DERNIERES POUR MISE AU POINT STRUCTURALE DE MEDICAMENTS</b> [72] UPPENBERG, JONAS, SE [71] PHARMACIA AB, SE [85] 2000-06-18 [86] 1999-11-25 (PCT/SE99/02192) [87] 2000-06-29 (WO00/37620) [30] SE (9804418-3) 1998-12-18</p>	<p style="text-align: right;">[21] <b>2,355,834</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/54 7C12N 5/10 7C12N 15/10 7C12N 9/12 7A61K 39/395 7C07K 16/40 7A61K 38/45 7C12Q 1/48 7C12N 15/70 7C12N 15/85</b> [25] EN [54] <b>HUMAN AKT-3</b> [54] <b>PROTEINE AKT-3</b> [72] RICHARDSON, ALAN, BE [72] MASURE, STEFAN LEO JOZEF, BE [71] JANSSEN PHARMACEUTICA N.V., BE [85] 2001-06-13 [86] 1999-12-17 (PCT/GB99/04311) [87] 2000-06-29 (WO00/37613) [30] GB (9828375.7) 1998-12-22</p>	<p style="text-align: right;">[21] <b>2,355,844</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B07C 5/342</b> [25] EN [54] <b>METHOD AND APPARATUS FOR CLASSIFYING BATCHES OF WOOD CHIPS OR THE LIKE</b> [54] <b>PROCEDE ET DISPOSITIF SERVANT A CLASSIFIER DES LOTS DE COPEAUX DE BOIS</b> [72] BINETTE, SYLVAIN, CA [72] COUTURIER, JEAN-PIERRE, CA [72] BEDARD, PIERRE, CA [72] LABBE, JACQUES, CA [71] CENTRE DE RECHERCHE INDUSTRIELLE DU QUEBEC, CA [85] 2001-06-20 [86] 1999-01-22 (PCT/CA99/00048) [87] 1999-07-29 (WO99/37413) [30] CA (2,228,023) 1998-01-23 [30] US (09/163,338) 1998-09-30</p>
	<p style="text-align: right;">[21] <b>2,355,836</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/11 7A61K 31/70 7C12N 15/86</b> [25] EN [54] <b>GENETIC SUPPRESSOR ELEMENTS AGAINST HUMAN IMMUNODEFICIENCY VIRUS</b> [54] <b>ELEMENTS DE SUPPRESSEUR GENETIQUES AGISSANT CONTRE LE VIRUS DE L'IMMUNODEFICIENCE HUMAINE</b> [72] HOLZMAYER, TANYA A., US [72] DUNN, STEPHEN J., US [71] SUBSIDIARY NO. 3, INC., US [85] 2001-06-20 [86] 1999-12-17 (PCT/US99/30187) [87] 2000-06-29 (WO00/37635) [30] US (09/218,755) 1998-12-22</p>	



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[21] **2,355,845**  
[13] A1

[51] **Int.Cl. 7C12N 15/54 7A01H 3/00 7A01H 5/00 7A01H 5/10 7C12N 15/82**  
[25] EN  
[54] **DIACYLGLYCEROL ACYLTRANSFERASE GENE FROM PLANTS**  
[54] **GENE DE LA DIACYLGLYCEROL ACYLTRANSFERASE D'ORIGINE VEGETALE**  
[72] WEI, YANGDOU, CA  
[72] JAKO, COLETTE C., CA  
[72] TAYLOR, DAVID C., CA  
[72] ZOU, JITAO, CA  
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA  
[85] 2001-06-15  
[86] 1999-12-16 (PCT/CA99/01202)  
[87] 2000-06-22 (WO00/36114)  
[30] US (60/112,812) 1998-12-17

[21] **2,355,847**  
[13] A1

[51] **Int.Cl. 7C08G 69/16 7C08G 69/02 7C08G 69/28**  
[25] EN  
[54] **METHOD OF PRODUCING BRANCHED POLYAMIDES**  
[54] **PROCEDE DE PREPARATION DE POLYAMIDES RAMIFIES**  
[72] BRUDER, FRIEDRICH-KARL, DE  
[72] GITTINGER, ANDREAS, DE  
[72] SCHERER, CLIFF, DE  
[72] MORHENN, HEINRICH, DE  
[72] JOACHIMI, DETLEV, DE  
[72] DIETRICH, HANS-JURGEN, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2001-06-20  
[86] 1999-12-10 (PCT/EP99/09770)  
[87] 2000-07-06 (WO00/39192)  
[30] DE (198 59 929.3) 1998-12-23

[21] **2,355,849**  
[13] A1

[51] **Int.Cl. 7A61B 5/22**  
[25] EN  
[54] **DETERMINING THE PHYSICAL PERFORMANCE OF A PERSON**  
[54] **DETERMINATION DE LA PUISSANCE PHYSIQUE D'UNE PERSONNE**  
[72] SIERZEGA, ROBERT R., AT  
[71] SIERZEGA, ROBERT R., AT  
[85] 2000-09-28  
[86] 1999-12-30 (PCT/AT99/00315)  
[87] 2000-07-13 (WO00/40151)  
[30] AT (A 2193/98) 1998-12-30

[21] **2,355,851**  
[13] A1

[51] **Int.Cl. 7A23D 7/00**  
[25] EN  
[54] **FOOD SPREADS**  
[54] **ALIMENTS A TARTINER**  
[72] NEEMAN, ISHAK, IL  
[72] EGER, SHAUL, IL  
[71] EGER, SHAUL, IL  
[71] EHRLICH, MENACHEM, IL  
[85] 2001-06-20  
[86] 2000-01-03 (PCT/US99/31175)  
[87] 2000-07-13 (WO00/40095)  
[30] US (09/225,231) 1999-01-04  
[30] US (09/406,686) 1999-09-27

[21] **2,355,853**  
[13] A1

[51] **Int.Cl. 7C22B 3/28 7C22B 23/00 7C07C 211/11 7C22B 34/30 7C22B 34/36**  
[25] EN  
[54] **METHOD FOR EXTRACTING ANIONS**  
[54] **PROCEDE PERMETTANT D'EXTRAIRE DES ANIONS**  
[72] GUTKNECHT, WILFRIED, DE  
[72] MATHY, WOLFGANG, DE  
[71] H.C. STARCK GMBH & CO. KG, DE  
[85] 2001-06-20  
[86] 1999-12-14 (PCT/EP99/09914)  
[87] 2000-07-06 (WO00/39350)  
[30] DE (198 59 683.9) 1998-12-23

[21] **2,355,856**  
[13] A1

[51] **Int.Cl. 7C08J 5/22 7C25B 9/00 7H01M 8/10**  
[25] EN  
[54] **METHOD FOR PRODUCTION OF POLYELECTROLYTE MEMBRANES AND FUEL CELL**  
[54] **PROCEDE DE PRODUCTION DE MEMBRANES DE POLYELECTROLYTE ET PILE A COMBUSTIBLE**  
[72] YAMAMOTO, TETSU, JP  
[71] CELANESE VENTURES GMBH, DE  
[85] 2001-06-20  
[86] 1999-12-11 (PCT/EP99/09831)  
[87] 2000-07-06 (WO00/39202)  
[30] JP (10/371554) 1998-12-25

[21] **2,355,861**  
[13] A1

[51] **Int.Cl. 6C07D 401/04 6C07D 401/06 6C07D 209/14 6C07D 401/14 6C07D 209/16 6A61K 31/40**  
[25] EN  
[54] **AMIDE AND UREA DERIVATIVES AS 5-HT REUPTAKE INHIBITORS AND AS 5-HT1B/1D LIGANDS**  
[54] **DERIVES D'AMIDE ET D'UREE S'UTILISANT COMME INHIBITEURS DE REABSORPTION DE 5-HT ET COMME LIGANDS DE 5-HT1B/1D**  
[72] MATZEN, LISA, DE  
[72] GREINER, HARTMUT, DE  
[72] VAN AMSTERDAM, CHRISTOPH, DE  
[72] HARTING, JURGEN, DE  
[72] BOTTCHE, HENNING, DE  
[72] BARTOSZYK, GERD, DE  
[72] RAUTENBERG, WILFRIED, DE  
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE  
[85] 2001-06-20  
[86] 1998-12-22 (PCT/EP98/08457)  
[87] 2000-06-29 (WO00/37456)

[21] **2,355,863**  
[13] A1

[51] **Int.Cl. 7B01D 33/48**  
[25] EN  
[54] **APPARATUS FOR CLEANING A FILTER CLOTH IN A FILTERING DEVICE**  
[54] **APPAREIL PERMETTANT DE NETTOYER LE TAMIS D'UN FILTRE DANS UN DISPOSITIF DE FILTRAGE**  
[72] DANIELSSON, AKE, SE  
[72] RALVERT, AKE, SE  
[71] HYDROTECH NILS-AKE PERSSON AB, SE  
[85] 2001-06-20  
[86] 1999-12-20 (PCT/SE99/02428)  
[87] 2000-06-29 (WO00/37159)  
[30] SE (9804461-3) 1998-12-22

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<p style="text-align: right;">[21] <b>2,355,867</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A47K 5/12</b> [25] EN [54] <b>SPRING-LOADED AUTOMATIC FLUID-DISPENSING SYSTEM</b> [54] <b>SYSTEME DE DISTRIBUTION DE FLUIDE AUTOMATIQUE A RESSORTS</b> [72] PARSONS, NATAN E., US [71] ARICHELL TECHNOLOGIES, INC., US [85] 2001-06-20 [86] 1999-12-23 (PCT/US99/30898) [87] 2000-07-06 (WO00/38561) [30] US (09/220,620) 1998-12-24</p>	<p style="text-align: right;">[21] <b>2,355,871</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G11C 27/02</b> [25] EN [54] <b>LINEAR SAMPLING SWITCH</b> [54] <b>BASCULE D'ECHANTILLONNAGE LINEAIRE</b> [72] BAZARJANI, SEYFOLLAH S., US [71] QUALCOMM INCORPORATED, US [85] 2001-06-20 [86] 2000-01-11 (PCT/US00/00665) [87] 2000-07-20 (WO00/42616) [30] US (09/228,826) 1999-01-12</p>	<p style="text-align: right;">[21] <b>2,355,892</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 21/47 7A61B 6/00</b> [25] EN [54] <b>TIME-RESOLVED OPTICAL BACKSCATTERING TOMOGRAPHIC IMAGE RECONSTRUCTION IN SCATTERING TURBID MEDIA</b> [54] <b>RECONSTRUCTION OPTIQUE D'IMAGE TOPOGRAPHIQUE RETRODIFFUSEE A RESOLUTION TEMPORELLE DANS UN MILIEU DE DISPERSION TROUBLE</b> [72] ALFANO, R. R., US [72] CAI, WEI, US [72] LAX, MELVIN, US [71] RESEARCH FOUNDATION OF CUNY, US [85] 2001-06-18 [86] 1999-12-22 (PCT/US99/30615) [87] 2000-06-29 (WO00/37924) [30] US (09/218,199) 1998-12-22</p>
<p style="text-align: right;">[21] <b>2,355,869</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01L 51/20</b> [25] EN [54] <b>SEMICONDUCTING POLYMER FIELD EFFECT TRANSISTOR</b> [54] <b>TRANSISTOR POLYMERE SEMI-CONDUCTEUR A EFFET DE CHAMP</b> [72] WOO, EDMUND P., US [72] BERNIUS, MARK T., US [71] THE DOW CHEMICAL COMPANY, US [85] 2001-06-20 [86] 1999-12-22 (PCT/US99/30612) [87] 2000-07-20 (WO00/42668) [30] US (60/116,112) 1999-01-15</p>	<p style="text-align: right;">[21] <b>2,355,875</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B01L 3/00 7G01N 27/327 7G01N 33/48 7C12Q 1/68</b> [25] EN [54] <b>TISSUE COLLECTION DEVICES CONTAINING BIOSENSORS</b> [54] <b>DISPOSITIFS DE PRELEVEMENT DE TISSU CONTENANT DES BIOCAPTEURS</b> [72] KAYYEM, JON FAIZ, US [71] CLINICAL MICRO SENSORS, INC., US [85] 2001-06-20 [86] 1999-12-27 (PCT/US99/31051) [87] 2000-07-06 (WO00/38836) [30] US (60/114,178) 1998-12-30</p>	<p style="text-align: right;">[21] <b>2,355,896</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 39/395 7A61K 39/40</b> [25] EN [54] <b>ANTIBODIES TO TRUNCATED VEGF-D AND USES THEREOF</b> [54] <b>ANTICORPS ANTIFACTEUR DE CROISSANCE ENDOTHELIALE VASCULAIRE TRONQUE ET LEUR UTILISATION</b> [72] ACHEN, MARC G., AU [72] STACKER, STEVEN ALAN, AU [71] LUDWIG INSTITUTE FOR CANCER RESEARCH, US [85] 2001-06-20 [86] 1999-12-21 (PCT/US99/31332) [87] 2000-06-29 (WO00/37025) [30] US (60/113,254) 1998-12-21 [30] US (60/134,556) 1999-05-17</p>
<p style="text-align: right;">[21] <b>2,355,870</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07K 14/47 7C12N 5/10 7C12N 15/12 7A61K 38/17 7C07K 16/18 7A61K 39/395 7G01N 33/53 7G01N 33/574 7C12N 15/62 7G01N 33/68</b> [25] EN [54] <b>REAGENTS AND METHODS USEFUL FOR DETECTING DISEASES OF THE BREAST</b> [54] <b>REACTIFS ET METHODES UTILES POUR LA DETECTION DES PATHOLOGIES DU SEIN</b> [72] COLPITTS, TRACY L., US [72] RUSSELL, JOHN E., US [71] ABBOTT LABORATORIES, US [85] 2001-06-15 [86] 1999-12-20 (PCT/US99/30489) [87] 2000-06-22 (WO00/35950) [30] US (09/215,818) 1998-12-18</p>	<p style="text-align: right;">[21] <b>2,355,887</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B65G 21/20</b> [25] EN [54] <b>CONVEYOR BELT SEALING SYSTEM</b> [54] <b>SYSTEME PERMETTANT D'ETANCHEIFIER UN TRANSPORTEUR A COURROIE</b> [72] BRINK, JAN LOUIS, ZA [71] SLIC TRADING COMPANY LIMITED, BZ [85] 2001-06-18 [86] 1999-12-14 (PCT/ZA99/00136) [87] 2000-12-28 (WO00/78647) [30] ZA (99/4168) 1999-06-24</p>	

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[21] **2,355,897**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7A01K 67/02 7C07K 14/65**  
[25] EN  
[54] **SELECTING ANIMALS FOR PARENTALLY IMPRINTED TRAITS**  
[54] **SELECTION D'ANIMAUX EN FONCTION DE TRAITS COMMUNIQUES PAR LEURS PARENTS**  
[72] ANDERSSON, LEIF, SE  
[72] NEZER, CARINE DANIELLE ANDREE, BE  
[72] GEORGES, MICHEL, BE  
[72] SPINCEMAILLE, GEERT, BE  
[71] UNIVERSITY OF LIEGE, BE  
[71] MELICA HB, SE  
[71] SEGHERSGENTEC N.V., BE  
[85] 2001-06-15  
[86] 1999-12-16 (PCT/EP99/10209)  
[87] 2000-06-22 (WO00/36143)  
[30] EP (98204291.3) 1998-12-16

[21] **2,355,898**  
[13] A1

[51] **Int.Cl. 7H02G 11/00 7F16G 13/16**  
[25] EN  
[54] **LINE GUIDE DEVICE**  
[54] **DISPOSITIF DE GUIDAGE DE LIGNES**  
[72] BLASE, GUNTER, DE  
[71] IGUS SPRITZGUSSTEILE FUR DIE INDUSTRIE GMBH, DE  
[85] 2001-06-18  
[86] 1999-12-13 (PCT/DE99/03977)  
[87] 2000-07-13 (WO00/41284)  
[30] DE (198 60 948.5) 1998-12-31

[21] **2,355,899**  
[13] A1

[51] **Int.Cl. 7A63B 53/04**  
[25] EN  
[54] **BI-MATERIAL GOLF CLUB HEAD HAVING AN ISOLATION LAYER**  
[54] **TETE DE CLUB DE GOLF A DEUX MATERIAUX, DOTE E D'UNE COUCHE ISOLANTE**  
[72] HALL, J. NEIL, US  
[72] ROLLINSON, AUGUSTIN A., US  
[72] SARKAR, KAMAL, US  
[72] HETTINGER, RONALD K., US  
[71] CALLAWAY GOLF COMPANY, US  
[85] 2001-06-18  
[86] 1999-12-22 (PCT/US99/30715)  
[87] 2000-07-06 (WO00/38797)  
[30] US (09/222,237) 1998-12-28

[21] **2,355,900**  
[13] A1

[51] **Int.Cl. 7C12N 15/85 7A61K 49/00 7A01K 67/027**  
[25] EN  
[54] **NON-INVASIVE EVALUATION OF PHYSIOLOGICAL RESPONSE IN A MAMMAL**  
[54] **EVALUATION NON-INVASIVE D'UNE REPOSE PHYSIOLOGIQUE CHEZ UN MAMMIFERE**  
[72] ZHANG, NING, US  
[72] CONTAG, PAMELA R., US  
[71] XENOGEN CORPORATION, US  
[85] 2001-06-15  
[86] 1999-12-16 (PCT/US99/30080)  
[87] 2000-06-22 (WO00/36106)  
[30] US (60/112,646) 1998-12-17  
[30] US (60/152,853) 1999-09-08

[21] **2,355,901**  
[13] A1

[51] **Int.Cl. 7C12N 15/82 7A01H 5/00 7A61K 39/00 7C12N 15/11 7A61K 38/16 7C07K 16/16 7C12N 1/20 7C07K 14/415 7G01N 33/50 7C12Q 1/68**  
[25] EN  
[54] **PLANT CELL CYCLE GENES AND USES THEREOF**  
[54] **NOUVEAUX GENES DE CYCLE CELLULAIRE ET UTILISATIONS DE CES DERNIERS**  
[72] BOUDOLF, VERONIQUE  
[72] KATELIJNE CECILE KRISTIEN, BE  
[72] TORRES ACOSTA, JUAN ANTONIO, BE  
[72] INZE, DIRK, BE  
[72] DE VEYLLDER, LIEVEN, BE  
[71] CROPDESIGN N.V., BE  
[85] 2001-06-15  
[86] 1999-12-17 (PCT/EP99/10084)  
[87] 2000-06-22 (WO00/36124)  
[30] EP (98124062.5) 1998-12-17

[21] **2,355,902**  
[13] A1

[51] **Int.Cl. 7C07C 311/27 7A61P 43/00 7C07D 235/06 7C07D 209/08 7C07D 209/12 7C07D 407/12 7A61K 31/16 7C07D 317/58**  
[25] EN  
[54] **SULFONAMIDE HYDROXAMATES**  
[54] **HYDROXAMATES DE SULFONAMIDE**  
[72] BROKA, CHRIS ALLEN, US  
[72] CAMPBELL, JEFFREY ALLEN, US  
[72] WALKER, KEITH ADRIAN MURRAY, US  
[72] BILLEDEAU, ROLAND JOSEPH, US  
[72] ROBINSON, LESLIE ANN, US  
[72] CHEN, JIAN JEFFREY, US  
[72] DELAET, NANCY, US  
[72] DANKWARDT, SHARON MARIE, US  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2001-06-18  
[86] 1999-12-14 (PCT/EP99/09920)  
[87] 2000-06-29 (WO00/37436)  
[30] US (60/113,311) 1998-12-22  
[30] US (60/147,053) 1999-08-03

[21] **2,355,905**  
[13] A1

[51] **Int.Cl. 7G06T 11/60**  
[25] EN  
[54] **METHOD FOR ACCESSING AND RENDERING AN IMAGE**  
[54] **PROCEDE D'ACCES A UNE IMAGE ET DE RENDU D'UNE IMAGE**  
[72] SUTHERLAND, STEPHEN B., CA  
[72] WICK, DALE M., CA  
[72] GIGNAC, JOHN-PAUL J., CA  
[72] COULOMBE, SAM D., CA  
[71] TRUESPECTRA INC., CA  
[85] 2001-06-18  
[86] 1999-12-23 (PCT/CA99/01216)  
[87] 2000-07-06 (WO00/39754)  
[30] CA (2,256,970) 1998-12-23

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[21] **2,355,906**  
[13] A1

[51] **Int.Cl. 7H04B 10/24 7H04J 14/02**  
[25] EN  
[54] **MULTI-CHANNEL WAVE DIVISION MULTIPLEXER SYSTEM**  
[54] **SYSTEME MULTIPLEXEUR EN LONGUEUR D'ONDE A CANAUX MULTIPLES**  
[72] WOJTUNIK, HENRY J., US  
[71] ANACOM SYSTEMS CORPORATION, US  
[85] 2001-06-18  
[86] 2000-01-04 (PCT/US00/00217)  
[87] 2000-08-17 (WO00/48339)  
[30] US (09/247,666) 1999-02-10

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[21] **2,355,907**  
[13] A1

[51] **Int.Cl. 7H01M 12/06 7H01M 2/10**  
[25] EN  
[54] **AIR-MANAGING SYSTEM FOR METAL-AIR BATTERY USING RESEALABLE SEPTUM**  
[54] **SYSTEME DE GESTION D'AIR POUR ACCUMULATEUR METAL-AIR UTILISANT UN SEPTUM REFERMABLE**  
[72] WITZIGREUTER, JOHN D., US  
[72] PEDICINI, CHRISTOPHER S., US  
[71] AER ENERGY RESOURCES, INC., US  
[85] 2001-06-18  
[86] 1999-12-20 (PCT/US99/30382)  
[87] 2000-06-22 (WO00/36699)  
[30] US (09/216,343) 1998-12-18  
[30] US (09/321,352) 1999-05-27

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[21] **2,355,908**  
[13] A1

[51] **Int.Cl. 7C08G 18/70 7C09J 175/04**  
[25] EN  
[54] **AQUEOUS DISPERSIONS OR SOLUTIONS HAVING A LONG SHELF LIFE AND CONTAINING ISOCYANATE-REACTIVE POLYMERS AND SURFACE-DEACTIVATING SOLID POLYISOCYANATES, METHOD FOR PRODUCING SAME AND METHOD FOR PRODUCING A LAYER**  
[54] **DISPERSIONS OU SOLUTIONS AQUEUSES STABLES AU STOCKAGE, CONTENANT DES POLYMERES REAGISSANT AVEC DES ISOCYANATES AINSI QUE DES POLYISOCYANATES SOLIDES DESACTIVES EN SURFACE, LEUR PROCEDE DE PRODUCTION, ET PROCEDE DE REALISATION D'UNE COUCHE**  
[72] ABEND, THOMAS P., CH  
[71] ABEND, THOMAS P., CH  
[85] 2001-06-20  
[86] 1999-12-01 (PCT/CH99/00577)  
[87] 2000-06-29 (WO00/37526)  
[30] EP (98811247.0) 1998-12-21

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[21] **2,355,909**  
[13] A1

[51] **Int.Cl. 7H02J 7/00**  
[25] EN  
[54] **SYSTEMS FOR CONFIGURING AND DELIVERING POWER**  
[54] **SYSTEMES DE CONFIGURATION ET DE DISTRIBUTION DE COURANT**  
[72] POTEGA, PATRICK H., US  
[71] POTEGA, PATRICK H., US  
[85] 2001-06-20  
[86] 1999-12-31 (PCT/US99/31195)  
[87] 2000-07-06 (WO00/39907)  
[30] US (60/114,398) 1998-12-31  
[30] US (60/114,412) 1998-12-31

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[21] **2,355,920**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7G01N 24/00 7C07H 21/02 7C07H 21/04 7G01N 31/16 7G01N 1/18 7G01N 25/20**  
[25] EN  
[54] **METHODS AND KITS FOR SCREENING NUCLEIC ACID DUPLEX STABILITY**  
[54] **PROCEDES ET KITS PERMETTANT DE DETERMINER LA STABILITE DE DUPLEX D'ACIDE NUCLEIQUE**  
[72] PLUM, G. ERIC, US  
[72] GELFAND, CRAIG A., US  
[72] BRESLAUER, KENNETH J., US  
[71] RUTGERS, THE STATE UNIVERSITY, US  
[85] 2001-06-21  
[86] 1999-12-23 (PCT/US99/30751)  
[87] 2000-06-29 (WO00/37686)  
[30] US (60/113,731) 1998-12-23  
[30] US (60/119,909) 1999-02-12

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[21] **2,355,928**  
[13] A1

[51] **Int.Cl. 7H04L 9/32**  
[25] EN  
[54] **METHOD AND SYSTEM FOR IMPLEMENTING A DIGITAL SIGNATURE**  
[54] **PROCEDE ET SYSTEME DE MISE EN OEUVRE D'UNE SIGNATURE NUMERIQUE**  
[72] VATANEN, HARRI, GB  
[71] SONERA SMARTTRUST OY, FI  
[85] 2001-06-15  
[86] 1999-12-15 (PCT/FI99/01036)  
[87] 2000-07-06 (WO00/39958)  
[30] FI (982728) 1998-12-16

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[21] **2,355,936**  
[13] A1  
[51] **Int.Cl. 7F26B 5/04 7A61K 35/78**  
[25] EN  
[54] **FLOWABLE, READY-TO-BE-COMPRESSED MEDICAL INTERMEDIATE PRODUCTS FOR TABLETS, PELLETS AND DRAGEES AND METHOD FOR PRODUCING THE SAME**  
[54] **PRODUITS SEMI-FINIS MEDICAMENTEUX COULANTS, PRETS A COMPACTER, POUR PASTILLES, PELLETS ET DRAGEES, ET PROCEDE PERMETTANT DE LES PRODUIRE**  
[72] JOSEPH, HEINZ-WALTER, DE  
[71] BIONORICA AG, DE  
[85] 2001-06-14  
[86] 1999-11-05 (PCT/EP99/08479)  
[87] 2000-06-22 (WO00/36352)  
[30] DE (198 57 816.4) 1998-12-15

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[21] **2,355,939**  
[13] A1  
[51] **Int.Cl. 7C07D 471/20 7C07D 209/00 7C07D 221/00 7C07D 223/00 7C07D 235/00 7C07D 333/00 7C07D 519/00 7A61P 37/00 7C07D 487/20 7C07D 498/20 7C07D 495/22 7A61K 31/438 7A61K 31/55**  
[25] EN  
[54] **ANTIHISTAMINIC SPIRO COMPOUNDS**  
[54] **COMPOSES SPIRO ANTIHISTAMINIQUES**  
[72] JANSSENS, FRANS EDUARD, BE  
[72] LEENAERTS, JOSEPH ELISABETH, BE  
[71] JANSSEN PHARMACEUTICA N.V., BE  
[85] 2001-06-15  
[86] 1999-12-15 (PCT/EP99/10176)  
[87] 2000-06-29 (WO00/37470)  
[30] EP (98204347.3) 1998-12-19

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[21] **2,355,942**  
[13] A1  
[51] **Int.Cl. 7B65H 54/28**  
[25] EN  
[54] **SYSTEM AND METHODS FOR AUTOMATICALLY ADJUSTING TURNAROUND POSITION IN SPOOL WINDERS**  
[54] **SYSTEME ET PROCEDE PERMETTANT DE REGLER AUTOMATIQUEMENT LA POSITION DE RENVERSMENT DE BOBINEURS**  
[72] BEDNARCZYK, DAVID A., US  
[72] REID, TYRONE, US  
[72] WALTON, THOMAS S., US  
[72] TOTA, MARK S., US  
[71] CORNING INCORPORATED, US  
[85] 2001-06-15  
[86] 1999-12-14 (PCT/US99/29619)  
[87] 2000-07-06 (WO00/39013)  
[30] US (60/114,032) 1998-12-29

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[21] **2,355,938**  
[13] A1  
[51] **Int.Cl. 7C07C 213/00 7C07C 215/60**  
[25] EN  
[54] **METHOD FOR PRODUCING L-PHENYLEPHRINE HYDROCHLORIDE**  
[54] **PROCEDE DE PREPARATION D'HYDROCHLORURE DE L-PHENYLEPHRINE**  
[72] DIETRICH, WOLFGANG, DE  
[72] WOLTER, LIENHARD, DE  
[72] KLINGLER, FRANZ DIETRICH, DE  
[71] BOEHRINGER INGELHEIM PHARMA KG, DE  
[85] 2001-06-18  
[86] 2000-01-11 (PCT/EP00/00144)  
[87] 2000-07-27 (WO00/43345)  
[30] DE (199 02 229.1) 1999-01-21

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[21] **2,355,941**  
[13] A1  
[51] **Int.Cl. 7F23D 14/14**  
[25] EN  
[54] **BURNER MANIFOLD APPARATUS FOR USE IN A CHEMICAL VAPOR DEPOSITION PROCESS**  
[54] **COLLECTEUR POUR BRULEUR UTILISABLE DANS LE CADRE D'UN PROCESSUS DE DEPOT CHIMIQUE EN PHASE VAPEUR**  
[72] HAWTOF, DANIEL W., US  
[72] KIEFER, WILLIAM J., US  
[72] FU, XIAODONG, US  
[72] DAWSON-ELLI, DAVID F., US  
[72] STONE, JOHN III, US  
[72] WIGHT, JOHN F., JR., US  
[71] CORNING INCORPORATED, US  
[85] 2001-06-15  
[86] 1999-12-01 (PCT/US99/28305)  
[87] 2000-06-22 (WO00/36340)  
[30] US (60/112,767) 1998-12-17

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[21] **2,355,943**  
[13] A1  
[51] **Int.Cl. 7H03G 3/30**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONTROLLING THE RATIO OF AN OUTPUT SIGNAL AND AN INPUT SIGNAL**  
[54] **PROCEDE ET APPAREIL DE CONTROLE DU RAPPORT D'UN SIGNAL DE SORTIE ET D'UN SIGNAL D'ENTREE**  
[72] KROL, MARK F., US  
[72] WEBB, DALE A., US  
[72] MCKEEMAN, JOHN C., US  
[71] CORNING INCORPORATED, US  
[85] 2001-06-15  
[86] 1999-12-14 (PCT/US99/29679)  
[87] 2000-06-29 (WO00/38318)  
[30] US (60/113,083) 1998-12-21

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[21] **2,355,945**  
[13] A1

[51] **Int.Cl. 7H04N 7/01 7H04N 7/26 7H04N 7/36**  
[25] EN  
[54] **INCREASED VIDEO PLAYBACK FRAMERATE IN VIDEO APPLICATIONS**  
[54] **DEBIT ACCRU DE TRAMES A LA LECTURE DANS DES APPLICATIONS VIDEO**  
[72] KASAI, ARLENE, US  
[72] HAZRA, RAJEEB, US  
[71] INTEL CORPORATION, US  
[85] 2001-06-15  
[86] 1999-12-21 (PCT/US99/30759)  
[87] 2000-06-29 (WO00/38423)  
[30] US (09/221,666) 1998-12-23

[21] **2,355,946**  
[13] A1

[51] **Int.Cl. 7C02F 1/76 7A23L 2/38 7C02F 1/68**  
[25] EN  
[54] **METHOD FOR THE IODINATION OF WATER AND BEVERAGES**  
[54] **PROCEDE D'IODATION D'EAU ET DE BOISSONS**  
[72] YAROSCHUK, ANATOLY PETROVICH, UA  
[72] MELNICHENKO, VASILY NIKOLAEVICH, UA  
[71] YAROSCHUK, ANATOLY PETROVICH, UA  
[71] MELNICHENKO, VASILY NIKOLAEVICH, UA  
[85] 2001-06-15  
[86] 1999-09-14 (PCT/UA99/00020)  
[87] 2000-06-22 (WO00/35815)  
[30] UA (98126656) 1998-12-16

[21] **2,355,950**  
[13] A1

[51] **Int.Cl. 7G01N 23/04**  
[25] EN  
[54] **RADIATION DETECTOR BAD PIXEL PROCESSING**  
[54] **TRAITEMENT DES PIXELS DEFECTUEUX DANS UN DETECTEUR DE RAYONNEMENT**  
[72] LIU, CHUANDE, US  
[71] DIRECT RADIOGRAPHY CORP., US  
[85] 2001-06-15  
[86] 2000-02-10 (PCT/US00/03360)  
[87] 2000-08-31 (WO00/50879)  
[30] US (09/255,772) 1999-02-23

[21] **2,355,951**  
[13] A1

[51] **Int.Cl. 7B01D 17/05 7C09K 3/00**  
[25] EN  
[54] **DEMULSIFICATION OF OIL AND WATER EMULSIONS**  
[54] **DESEMULSIFICATION D'EMULSIONS HUILE DANS L'EAU**  
[72] BOURG, DOUGLAS F., US  
[71] PHILLIPS PETROLEUM COMPANY, US  
[85] 2001-06-15  
[86] 2000-02-18 (PCT/US00/04197)  
[87] 2000-08-31 (WO00/50146)  
[30] US (09/259,174) 1999-02-26

[21] **2,355,952**  
[13] A1

[51] **Int.Cl. 7B01J 19/00 7C10K 3/02 7H01M 8/06 7C01B 3/38**  
[25] EN  
[54] **FLUID TREATING DEVICE**  
[54] **DISPOSITIF DE TRAITEMENT DE FLUIDES**  
[72] SHINKE, NORIHISA, JP  
[72] HIRAI, KAZUHIRO, JP  
[72] HIGASHIGUCHI, SEISAKU, JP  
[71] OSAKA GAS CO., LTD., JP  
[85] 2001-06-15  
[86] 1999-12-10 (PCT/JP99/06984)  
[87] 2000-06-22 (WO00/35578)  
[30] JP (10/355803) 1998-12-15

[21] **2,355,953**  
[13] A1

[51] **Int.Cl. 7B01J 27/053 7C10G 69/08 7C10G 35/085 7C10G 45/10**  
[25] EN  
[54] **CATALYST FOR HYDRODESULFURIZATION ISOMERIZATION OF LIGHT HYDROCARBON OIL, METHOD FOR PREPARATION THEREOF, AND METHOD FOR HYDRODESULFURIZATION ISOMERIZATION OF LIGHT HYDROCARBON OIL USING THE CATALYST**  
[54] **CATALYSEUR POUR L'ISOMERISATION / HYDRODESULFURATION D'HUILE HYDROCARBURE LEGERE, SON PROCEDE DE PREPARATION ET PROCEDE D'HYDRODESULFURATION / ISOMERISATION D'HUILE HYDROCARBURE LEGERE AU MOYEN DUDIT CATALYSEUR**  
[72] KIMURA, TAKAO, JP  
[72] HAGIWARA, KAZUHIKO, JP  
[72] KAWAMURA, TAKAHIRO, JP  
[72] OHSHIO, NOBUYASU, JP  
[71] PETROLEUM ENERGY CENTER, JP  
[71] COSMO OIL CO., LTD., JP  
[85] 2001-06-15  
[86] 1999-12-16 (PCT/JP99/07082)  
[87] 2000-06-22 (WO00/35581)  
[30] JP (10/359734) 1998-12-17  
[30] JP (10/359735) 1998-12-17  
[30] JP (11/324242) 1999-11-15  
[30] JP (11/324243) 1999-11-15

[21] **2,355,954**  
[13] A1

[51] **Int.Cl. 7C11D 3/39 7D06L 3/02**  
[25] EN  
[54] **BLEACHING WITH POLYOXOMETALATES AND AIR OR MOLECULAR OXYGEN**  
[54] **BLANCHIMENT A L'AIDE DE POLYOXOMETALATES ET D'AIR OU D'OXYGENE MOLECULAIRE**  
[72] CHEN, QIN, US  
[72] RACHERLA, UDAY SHANKER, US  
[71] UNILEVER PLC, GB  
[85] 2001-06-15  
[86] 1999-11-29 (PCT/EP99/09330)  
[87] 2000-07-06 (WO00/39264)  
[30] US (60/113,606) 1998-12-23  
[30] US (09/264,191) 1999-03-05

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[21] **2,355,955**  
[13] A1

[51] **Int.Cl. 7A61K 7/48**  
[25] EN  
[54] **SKIN LIGHTENING COMPOSITION**  
[54] **COMPOSITION ECLAIRCISSANTE POUR LA PEAU**  
[72] MCNEILL, GERALD PATRICK, US  
[72] RAWLINGS, ANTHONY VINCENT, GB  
[72] POWELL, JONATHAN RICHARD, GB  
[72] GREEN, MARTIN RICHARD, GB  
[72] IWATA, KOICHI, US  
[72] ALALUF, SIMON, GB  
[71] UNILEVER PLC, GB  
[85] 2001-06-15  
[86] 1999-11-23 (PCT/EP99/09165)  
[87] 2000-06-29 (WO00/37039)  
[30] GB (9828380.7) 1998-12-22

[21] **2,355,956**  
[13] A1

[51] **Int.Cl. 7H03F 3/45**  
[25] EN  
[54] **LEVEL SHIFT CIRCUIT**  
[54] **CIRCUIT DE DECALAGE DE NIVEAU**  
[72] BANGS, JOAKIM, GB  
[72] FILLIPI, RAYMOND, GB  
[72] THOMPSON, JOHN, GB  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-06-15  
[86] 1999-12-13 (PCT/EP99/09873)  
[87] 2000-06-29 (WO00/38315)  
[30] GB (9828052.2) 1998-12-18

[21] **2,355,967**  
[13] A1

[51] **Int.Cl. 7C12N 5/06 7A61K 48/00 7C12N 5/10**  
[25] EN  
[54] **ASTROCYTES, THEIR PREPARATION AND USES THEREOF**  
[54] **ASTROCYTES D'ADULTE HUMAIN, LEUR PREPARATION ET LEURS APPLICATIONS**  
[72] RIDET, JEAN-LUC, CH  
[72] MALLET, JACQUES, FR  
[71] AVENTIS PHARMA S.A., FR  
[85] 2001-06-13  
[86] 2000-01-05 (PCT/IB00/00165)  
[87] 2000-07-13 (WO00/40699)  
[30] US (60/114,758) 1999-01-05

[21] **2,355,968**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 45/00 7A61K 48/00 7A61P 43/00 7A61P 9/06 7C12P 21/08 7C12N 5/10 7A61P 9/10 7A61P 9/12 7G01N 33/15 7C07K 16/18 7A61K 39/395 7C07K 14/47 7G01N 33/50 7A61K 31/7088**  
[25] EN  
[54] **NOVEL PROTEIN AND DNA THEREOF**  
[54] **PROTEINE ET ADN ASSOCIE**  
[72] KAWAMOTO, TOMOHIRO, JP  
[72] SAWADA, HIDEKAZU, JP  
[72] KIMURA, HIROYUKI, JP  
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP  
[85] 2001-06-18  
[86] 1999-12-20 (PCT/JP99/07149)  
[87] 2000-06-29 (WO00/37637)  
[30] JP (10/362190) 1998-12-21

[21] **2,355,971**  
[13] A1

[51] **Int.Cl. 7C12N 5/10 7A61K 48/00 7A61P 3/00 7C12Q 1/02 7A01K 67/027 7C12N 5/06 7C12N 5/08 7A61K 38/18 7A61K 39/395 7G01N 33/68**  
[25] EN  
[54] **AN ANIMAL MODEL FOR IDENTIFYING A COMMON STEM/PROGENITOR TO LIVER CELLS AND PANCREATIC CELLS**  
[54] **MODELE ANIMAL POUR IDENTIFIER UNE SOUCHE COMMUNE AUX CELLULES DU FOIE ET DU PANCREAS**  
[72] SARVETNICK, NORA, US  
[72] KRAKOWSKI, MICHELLE L., US  
[72] KRITZIK, MARCIE R., US  
[71] THE SCRIPPS RESEARCH INSTITUTE, US  
[85] 2001-06-18  
[86] 1999-12-13 (PCT/US99/29490)  
[87] 2000-06-22 (WO00/36091)  
[30] US (09/212,531) 1998-12-16

[21] **2,356,009**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61P 9/00 7A01K 67/027 7C12N 5/10 7A61K 38/18 7C12N 1/21 7C07K 16/22 7A61K 39/395 7G01N 33/50 7C07K 14/52 7G01N 33/566 7A61K 31/70**  
[25] EN  
[54] **VASCULAR ENDOTHELIAL GROWTH FACTOR-X**  
[54] **FACTEUR DE CROISSANCE ENDOTHELIALE VASCULAIRE- X**  
[72] XU, JEAN, US  
[72] DIJKMANS, JOSIENA JOHANNA HUBERDINA, BE  
[72] DHANARAJ, SRIDEVI NAIDU, US  
[72] YON, JEFFREY ROLAND, BE  
[72] GOSIEWSKA, ANNA, US  
[72] GORDON, ROBERT DOUGLAS, BE  
[72] SPRENGEL, JORG JURGEN, BE  
[71] JANSSEN PHARMACEUTICA N.V., BE  
[85] 2001-06-15  
[86] 1999-12-21 (PCT/US99/30503)  
[87] 2000-06-29 (WO00/37641)  
[30] GB (9828377.3) 1998-12-22  
[30] US (60/124,967) 1999-03-18  
[30] US (60/164,131) 1999-11-08

[21] **2,356,010**  
[13] A1

[51] **Int.Cl. 7A61K 38/20 7A61P 31/14 7A61P 1/16 7A61K 38/21 7A61K 31/70**  
[25] EN  
[54] **TREATMENT OF HEPATITIS C VIRUS INFECTIONS WITH INTERLEUKIN-10**  
[54] **TRAITEMENT DES INFECTIONS DU VIRUS DE L'HEPATITE C AVEC INTERLEUKINE-10**  
[72] GRINT, PAUL C., US  
[72] DAVIS, GARY L., US  
[72] NELSON, DAVID R., US  
[71] SCHERING CORPORATION, US  
[85] 2001-06-20  
[86] 1999-12-20 (PCT/US99/27952)  
[87] 2000-06-29 (WO00/37096)  
[30] US (09/218,842) 1998-12-22  
[30] US (09/293,742) 1999-04-16  
[30] US (09/425,716) 1999-10-22

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[13] A1  
[51] Int.Cl. 7C07C 59/88 7A61P 11/00  
7A61P 29/00 7C07D 253/08 7A61K 31/40  
7C07D 317/46 7C07C 59/48 7A61K 31/53  
7C07C 59/68  
[25] EN  
[54] USE OF SUBSTITUTED 4-  
BIARYLBUTYRIC AND 5-  
BIARYLPENTANOIC ACID  
DERIVATIVES AS MATRIX  
METALLOPROTEASE INHIBITORS  
FOR THE TREATMENT OF  
RESPIRATORY DISEASES  
[54] UTILISATION DE DERIVES  
D'ACIDES 4-BIARYLBUTYRIQUE ET 5-  
BIARYLPENTANOIQUE SUBSTITUES,  
EN TANT QU'INHIBITEURS DE LA  
METALLOPROTEASE MATRICIELLE,  
POUR LE TRAITEMENT DES  
MALADIES RESPIRATOIRES  
[72] SCHLEMMER, KARL-HEINZ, DE  
[72] MAYR, LORENZ, DE  
[72] HANING, HELMUT, DE  
[72] FITZGERALD, MARY F., GB  
[72] BENZ, GUNTER, DE  
[72] GARDINER, PHILIP J., GB  
[72] HENNING, ROLF, DE  
[72] RIEDL, BERND, DE  
[72] STURTON, GRAHAM, GB  
[72] NASH, KEVIN, GB  
[71] BAYER AKTIENGESELLSCHAFT,  
DE  
[85] 2001-06-27  
[86] 1999-12-20 (PCT/EP99/10110)  
[87] 2000-07-13 (WO00/40539)  
[30] GB (9828845.9) 1998-12-30  
[30] GB (9922709.2) 1999-09-24

[21] **2,356,057**  
[13] A1  
[51] Int.Cl. 7C12N 15/62 7A61K 48/00  
7C07K 19/00 7C12P 21/00 7C12N 5/10  
7A61K 39/118 7C07K 16/12 7A61K 38/16  
7C07K 14/295 7C12N 15/31 7G01N 33/569  
7C12Q 1/68  
[25] EN  
[54] CHLAMYDIA ANTIGENS AND  
CORRESPONDING DNA FRAGMENTS  
AND USES THEREOF  
[54] ANTIGENES A CHLAMYDIA,  
FRAGMENTS D'ADN  
CORRESPONDANTS ET LEURS  
UTILISATIONS  
[72] WANG, JOE, CA  
[72] DUNN, PAMELA, CA  
[72] MURDIN, ANDREW D., CA  
[72] OOMEN, RAYMOND P., CA  
[71] AVENTIS PASTEUR LIMITED, CA  
[85] 2001-06-21  
[86] 1999-12-22 (PCT/CA99/01224)  
[87] 2000-07-06 (WO00/39157)  
[30] US (60/114,060) 1998-12-28  
[30] US (60/123,967) 1999-03-12  
[30] US (60/141,271) 1999-06-30

[21] **2,356,062**  
[13] A1  
[51] Int.Cl. 7D21J 1/12 7B27N 7/00  
[25] EN  
[54] METHOD AND ARRANGEMENT  
FOR THE PRODUCTION OF  
LIGNOCELLULOSE-CONTAINING  
BOARDS  
[54] PROCEDE ET DISPOSITIF DE  
FABRICATION DE PLANCHES  
LIGNOCELLULOSIQUES  
[72] SISLEGARD, LARS-OTTO, SE  
[72] ERIKSSON, N. LENNART, SE  
[72] SCHEDIN, KURT, SE  
[71] VALMET FIBERTECH AB, SE  
[85] 2001-06-27  
[86] 2000-01-31 (PCT/SE00/00187)  
[87] 2000-08-03 (WO00/44985)  
[30] SE (9900332-9) 1999-02-01

[21] **2,356,098**  
[13] A1  
[51] Int.Cl. 7A61K 35/78 7A61P 19/00  
7A61P 25/00  
[25] FR  
[54] UTILISATION  
D'INSAPONIFIABLES D'HUILES  
VEGETALES POUR LA PREPARATION  
D'UN MEDICAMENT  
[54] USE OF UNSAPONIFIABLE  
MATTERS OF VEGETABLE OILS FOR  
PREPARING A MEDICINE  
[72] GUILLOU, GEORGES BERNARD, FR  
[72] MSIKA, PHILIPPE, FR  
[72] BOUMEDIENE, KARIM, FR  
[72] PUJOL, JEAN-PIERRE, FR  
[72] GHAYOR, CHAFIK, FR  
[71] LABORATOIRES  
PHARMASCIENCE, FR  
[85] 2001-06-20  
[86] 1999-12-23 (PCT/FR99/03272)  
[87] 2000-07-06 (WO00/38701)  
[30] FR (98/16328) 1998-12-23

[21] **2,356,109**  
[13] A1  
[51] Int.Cl. 7C07K 14/65 7A61P 5/02  
7A61K 38/30  
[25] EN  
[54] INSULIN-LIKE GROWTH FACTOR  
(IGF) I MUTANT VARIANTS  
[54] VARIANTES MUTANTS DU  
FACTEUR DE CROISSANCE  
INSULINOMIMETIQUE (IGF) DE TYPE  
I  
[72] LOWMAN, HENRY B., US  
[72] FIELDER, PAUL J., US  
[72] MORTENSEN, DEBORAH L., US  
[72] DUBAQUIE, YVES, US  
[71] GENENTECH, INC., US  
[85] 2001-06-22  
[86] 2000-01-05 (PCT/US00/00199)  
[87] 2000-07-13 (WO00/40613)  
[30] US (60/115,010) 1999-01-06  
[30] US (60/170,261) 1999-12-09



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[13] A1  
[51] **Int.Cl. 7H04Q 7/38 7H04B 7/26**  
[25] EN  
[54] **SIGNALLING METHOD AND TELECOMMUNICATION SYSTEM**  
[54] **PROCEDE DE SIGNALISATION ET SYSTEME DE TELECOMMUNICATION**  
[72] NIEMELA, KARI, FI  
[71] NOKIA NETWORKS OY, FI  
[85] 2001-06-18  
[86] 1999-12-21 (PCT/FI99/01065)  
[87] 2000-06-29 (WO00/38354)  
[30] FI (982779) 1998-12-22

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[21] **2,356,114**  
[13] A1  
[51] **Int.Cl. 7A01N 37/52 7A01N 43/10 7A01N 43/30 7A01N 43/40 7A01N 43/56 7A01N 43/84**  
[25] EN  
[54] **FUNGICIDE MIXTURES WHICH ARE BASED ON DERIVATIVES OF MORPHOLINE OR PIPERIDINE AND DERIVATIVES OF OXIME ETHER**  
[54] **MELANGES FONGICIDES A BASE DE DERIVES DE MORPHOLINE OU DE PIPERIDINE ET DE DERIVES D'ETHER-OXIME**  
[72] EICKEN, KARL, DE  
[72] HADEN, EGON, DE  
[72] AMMERMANN, EBERHARD, DE  
[72] SAUR, REINHOLD, DE  
[72] GROTE, THOMAS, DE  
[72] SCHERER, MARIA, DE  
[72] LORENZ, GISELA, DE  
[72] STRATHMANN, SIEGFRIED, DE  
[72] SCHELBERGER, KLAUS, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2001-06-18  
[86] 1999-12-11 (PCT/EP99/09803)  
[87] 2000-06-29 (WO00/36917)  
[30] DE (198 58 911.5) 1998-12-19

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[21] **2,356,115**  
[13] A1  
[51] **Int.Cl. 7A61K 7/16 7A61K 7/18**  
[25] EN  
[54] **FINE SUSPENSIONS OF POORLY SOLUBLE CALCIUM SALTS AND THEIR USE IN DENTAL CARE PRODUCTS**  
[54] **SUSPENSIONS DE SELS DE CALCIUM DE FINE DISPERSION ET PEU SOLUBLES DANS L'EAU ET LEUR UTILISATION DANS DES PRODUITS D'HYGIENE DENTAIRE**  
[72] KROPF, CHRISTIAN, DE  
[72] MEINDERS, MICHAEL, DE  
[72] HEMPELMANN, ROLF, DE  
[72] PASTURA, AMERIGO, DE  
[72] BRUNINGHAUS, ULRIKE, DE  
[72] WULKNITZ, PETER, DE  
[72] ROTH, MARCEL, DE  
[71] HENKEL  
KOMMANDITGESELLSCHAFT AUF AKTIEN, DE  
[85] 2001-06-18  
[86] 1999-12-09 (PCT/EP99/09683)  
[87] 2000-06-29 (WO00/37033)  
[30] DE (198 58 662.0) 1998-12-18

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[21] **2,356,117**  
[13] A1  
[51] **Int.Cl. 7H04B 7/005 7H04B 7/26**  
[25] EN  
[54] **SIGNALLING METHOD AND TELECOMMUNICATION SYSTEM**  
[54] **PROCEDE DE SIGNALISATION ET SYSTEME DE TELECOMMUNICATION**  
[72] AHMAVAARA, KALLE, FI  
[72] RINNE, MIKKO, FI  
[71] NOKIA NETWORKS OY, FI  
[85] 2001-06-18  
[86] 1999-12-21 (PCT/FI99/01064)  
[87] 2000-06-29 (WO00/38350)  
[30] FI (982781) 1998-12-22

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[21] **2,356,118**  
[13] A1  
[51] **Int.Cl. 7F27D 1/12 7B21D 53/06 7F28F 1/40**  
[25] EN  
[54] **PYROMETALLURGICAL REACTOR COOLING ELEMENT AND ITS MANUFACTURE**  
[54] **ELEMENT DE REFROIDISSEMENT DE REACTEUR PYROMETALLURGIQUE ET SA FABRICATION**  
[72] KOOTA, RAIMO, FI  
[72] KOJO, ILKKA, FI  
[72] HUGG, EERO, FI  
[72] MAKINEN, PERTTI, FI  
[71] OUTOKUMPU OYJ, FI  
[85] 2001-06-18  
[86] 1999-12-14 (PCT/FI99/01030)  
[87] 2000-06-29 (WO00/37871)  
[30] FI (982770) 1998-12-22

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[21] **2,356,121**  
[13] A1  
[51] **Int.Cl. 7C07C 235/34 7A01N 37/18 7C07C 271/22 7C07C 251/40 7C07C 235/80**  
[25] EN  
[54] **NOVEL PROPARGYLETHER DERIVATIVES**  
[54] **NOUVEAUX DERIVES DE PROPARGYLETHER**  
[72] JEANGUENAT, ANDRE, CH  
[72] LAMBERTH, CLEMENS, DE  
[72] KUNZ, WALTER, CH  
[72] ZELLER, MARTIN, CH  
[71] SYNGENTA PARTICIPATIONS AG, CH  
[85] 2001-06-27  
[86] 2000-01-10 (PCT/EP00/00106)  
[87] 2000-07-20 (WO00/41998)  
[30] GB (9900455.8) 1999-01-11

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[13] A1

[51] **Int.Cl. 7C12N 15/31 7C12N 15/10 7C12N 15/79 7C12N 15/82**  
[25] EN  
[54] **CONTROL OF GENE EXPRESSION IN EUKARYOTES**  
[54] **REGULATION DE L'EXPRESSION GENIQUE DANS DES EUKARYOTES**  
[72] ARCHER, JOHN ANTHONY CHARLES, GB  
[72] TURCK, JUTTA ANNA, GB  
[71] ADVANCED TECHNOLOGIES (CAMBRIDGE) LIMITED, GB  
[85] 2001-06-21  
[86] 1999-12-21 (PCT/GB99/04333)  
[87] 2000-07-06 (WO00/39300)  
[30] GB (9828660.2) 1998-12-24

[21] **2,356,130**  
[13] A1

[51] **Int.Cl. 7E21B 43/10 7E21B 7/20 7E21B 10/64**  
[25] EN  
[54] **DRILLING METHOD**  
[54] **PROCEDE DE FORAGE**  
[72] METCALFE, PAUL DAVID, GB  
[72] SIMPSON, NEIL ANDREW ABERCROMBIE, GB  
[71] WEATHERFORD/LAMB, INC., US  
[85] 2001-06-19  
[86] 1999-12-22 (PCT/GB99/04246)  
[87] 2000-06-29 (WO00/37771)  
[30] GB (9828234.6) 1998-12-22  
[30] GB (9900835.1) 1999-01-15  
[30] GB (9923783.6) 1999-10-08  
[30] GB (9924189.5) 1999-10-13

[21] **2,356,142**  
[13] A1

[51] **Int.Cl. 7F01D 25/24**  
[25] EN  
[54] **CASING DESIGN FOR ROTATING MACHINERY AND METHOD FOR MANUFACTURE THEREOF**  
[54] **STRUCTURE D'HABILLEMENT POUR MACHINE TOURNANTE ET SON PROCEDE DE FABRICATION**  
[72] BRENNAN, RAYMOND J., US  
[71] ELLIOTT TURBOMACHINERY CO., INC., US  
[85] 2001-06-19  
[86] 2000-01-25 (PCT/US00/01746)  
[87] 2000-07-27 (WO00/43640)  
[30] US (60/117,090) 1999-01-25

[21] **2,356,127**  
[13] A1

[51] **Int.Cl. 7C09K 3/18 7D06M 15/277**  
[25] EN  
[54] **WATER AND OIL REPELLENT AQUEOUS DISPERSION AND PROCESS FOR PRODUCING IT**  
[54] **DISPERSION AQUEUSE POUR REPULSER EAU ET HUILE ET PROCEDE DE PRODUCTION**  
[72] SUGIMOTO, SHUICHIRO, JP  
[72] OHARU, KAZUYA, JP  
[72] MAEKAWA, TAKASHIGE, JP  
[71] ASAHI GLASS COMPANY, LIMITED, JP  
[85] 2001-06-19  
[86] 2000-10-26 (PCT/JP00/07517)  
[87] 2001-05-10 (WO01/32800)  
[30] JP (11/309562) 1999-10-29

[21] **2,356,131**  
[13] A1

[51] **Int.Cl. 7E21B 43/10**  
[25] EN  
[54] **DOWNHOLE SEALING FOR PRODUCTION TUBING**  
[54] **ETANCHEITE DE FOND DE TROU POUR TUBE DE PRODUCTION**  
[72] METCALFE, PAUL DAVID, GB  
[72] SIMPSON, NEIL ANDREW ABERCROMBIE, GB  
[71] WEATHERFORD/LAMB, INC., US  
[85] 2001-06-19  
[86] 1999-12-22 (PCT/GB99/04365)  
[87] 2000-06-29 (WO00/37773)  
[30] GB (9828234.6) 1998-12-22  
[30] GB (9900835.1) 1999-01-15  
[30] GB (9923783.6) 1999-10-08  
[30] GB (9923975.8) 1999-10-12  
[30] GB (9924189.5) 1999-10-13

[21] **2,356,144**  
[13] A1

[51] **Int.Cl. 7E21B 29/10**  
[25] EN  
[54] **METHOD AND APPARATUS FOR EXPANDING A LINER PATCH**  
[54] **PROCEDE ET APPAREIL D'EXPANSION DE GARNITURE DE COLONNE PERDUE**  
[72] SIMPSON, NEIL ANDREW ABERCROMBIE, GB  
[72] METCALFE, PAUL DAVID, GB  
[71] WEATHERFORD/LAMB, INC., US  
[85] 2001-06-19  
[86] 1999-12-22 (PCT/GB99/04247)  
[87] 2000-06-29 (WO00/37768)  
[30] GB (9828234.6) 1998-12-22  
[30] GB (9900835.1) 1999-01-15  
[30] GB (9923783.6) 1999-10-08  
[30] GB (9924189.5) 1999-10-13

[21] **2,356,128**  
[13] A1

[51] **Int.Cl. 7A61N 1/32**  
[25] EN  
[54] **METHOD OF PROVIDING COSMETIC/MEDICAL THERAPY**  
[54] **TECHNIQUE POUR THERAPIE COSMETIQUE/MEDICALE**  
[72] ORTON, KEVIN R., US  
[71] ORTON, KEVIN R., US  
[85] 2001-06-19  
[86] 1999-12-02 (PCT/US99/28749)  
[87] 2000-10-19 (WO00/61221)  
[30] US (09/289,409) 1999-04-09

[21] **2,356,140**  
[13] A1

[51] **Int.Cl. 7F04D 29/32 7F03D 7/04**  
[25] EN  
[54] **MULTIAXIS TURBINE**  
[54] **TURBINE MULTIAXIALE**  
[72] RICKER, JONATHAN C., US  
[71] RICKER, JONATHAN C., US  
[85] 2001-06-19  
[86] 2000-01-15 (PCT/US00/01133)  
[87] 2000-08-10 (WO00/46510)  
[30] US (60/117,056) 1999-01-25  
[30] US (60/141,524) 1999-06-25  
[30] US (60/155,587) 1999-09-24  
[30] US (09/482,038) 2000-01-13

[21] **2,356,146**  
[13] A1

[51] **Int.Cl. 6F24C 3/00 6B05B 3/00 6F17D 3/00 6C25C 1/02 6F24C 3/04 6B05B 1/08 6B05B 1/34**  
[25] EN  
[54] **HYDROGEN-FUELED VISUAL FLAME GAS FIREPLACE**  
[54] **FOYER A GAZ A HYDROGENE A FLAMME VISIBLE**  
[72] FLEMING, JOHN S., NZ  
[72] LISTER, ARTHUR MORRIS, NZ  
[71] SUPERIOR FIREPLACE COMPANY, US  
[85] 2001-06-19  
[86] 1998-12-21 (PCT/US98/27026)  
[87] 1999-07-01 (WO99/32832)  
[30] US (60/068,354) 1997-12-19

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[21] **2,356,148**  
[13] A1  
[51] **Int.Cl. 7E21B 29/00 7B21D 17/04 7B21D 39/04**  
[25] EN  
[54] **PROFILE FORMATION**  
[54] **FORMATION DE PROFIL**  
[72] METCALFE, PAUL DAVID, GB  
[72] SIMPSON, NEIL ANDREW  
ABERCROMBIE, GB  
[71] WEATHERFORD/LAMB, INC., US  
[85] 2001-06-19  
[86] 1999-12-22 (PCT/GB99/04248)  
[87] 2000-06-29 (WO00/37767)  
[30] GB (9828234.6) 1998-12-22  
[30] GB (9900835.1) 1999-01-15  
[30] GB (9923783.6) 1999-10-08  
[30] GB (9924189.5) 1999-10-13

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[21] **2,356,151**  
[13] A1  
[51] **Int.Cl. 7A61K 31/53 7A61P 33/02**  
[25] EN  
[54] **TRIAZINEONE COMPOUNDS FOR TREATING DISEASES DUE TO SARCOSYSTIS, NEOSPORA AND TOXOPLASMA**  
[54] **COMPOSES DE TRIAZINEONE UTILISES POUR TRAITER LES MALADIES DUES AUX SARCOSYSTIS, NEOSPORA ET TOXOPLASME**  
[72] KENNEDY, THOMAS J., US  
[71] BAYER CORPORATION, US  
[85] 2001-06-19  
[86] 1999-12-18 (PCT/US99/30293)  
[87] 2000-06-29 (WO00/37064)  
[30] US (09/218,713) 1998-12-22

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[21] **2,356,152**  
[13] A1  
[51] **Int.Cl. 7G10L 19/06**  
[25] EN  
[54] **METHOD AND ARRANGEMENT FOR FINDING AN OPTIMAL RECONSTRUCTION POINT**  
[54] **PROCEDE ET AGENCEMENT VISANT A TROUVER UN POINT DE RECONSTRUCTION OPTIMAL**  
[72] LINDQVIST, MORGAN, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-06-19  
[86] 1999-12-17 (PCT/SE99/02404)  
[87] 2000-06-29 (WO00/38176)  
[30] SE (9804455-5) 1998-12-21

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[21] **2,356,155**  
[13] A1  
[51] **Int.Cl. 7C12N 5/06 7C12N 5/10 7G01N 33/53 7C12Q 1/68**  
[25] EN  
[54] **CELL LINEAGE MARKERS**  
[54] **MARQUEURS DE LIGNEES CELLULAIRES**  
[72] PEVNY, LARYSA HALYNA, GB  
[72] LOVELL-BADGE, ROBIN, GB  
[72] EPISKOPOU, VASSO, GB  
[71] MEDICAL RESEARCH COUNCIL, GB  
[85] 2001-06-20  
[86] 1999-12-21 (PCT/GB99/04336)  
[87] 2000-06-29 (WO00/37611)  
[30] GB (9828383.1) 1998-12-22

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[21] **2,356,160**  
[13] A1  
[51] **Int.Cl. 7A61B 17/20**  
[25] EN  
[54] **THERAPEUTIC ULTRASONIC CATHETER FOR DELIVERING A UNIFORM ENERGY DOSE**  
[54] **CATHETER ULTRASONORE THERAPEUTIQUE PERMETTANT L'ADMINISTRATION D'UNE DOSE D'ENERGIE UNIFORME**  
[72] BRISKEN, AXEL F., US  
[72] CORL, PAUL D., US  
[72] COWAN, MARK W., US  
[72] MCKENZIE, JOHN R., US  
[72] NASSI, MENAHEM, US  
[72] ZUK, ROBERT F., US  
[71] PHARMASONICS, INC., US  
[85] 2001-06-20  
[86] 1999-12-23 (PCT/US99/30961)  
[87] 2000-07-06 (WO00/38580)  
[30] US (09/223,225) 1998-12-30

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[21] **2,356,162**  
[13] A1  
[51] **Int.Cl. 7C07D 487/04 7C07D 209/00 7A61P 11/06 7A61K 31/407**  
[25] EN  
[54] **SUBSTITUTED TRICYCLICS**  
[54] **TRICYCLIQUES SUBSTITUES**  
[72] BACH, NICHOLAS JAMES, US  
[72] SALL, DANIEL JON, US  
[71] ELI LILLY AND COMPANY, US  
[85] 2001-06-20  
[86] 1999-11-30 (PCT/US99/28407)  
[87] 2000-06-29 (WO00/37472)  
[30] US (60/113,316) 1998-12-22

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[21] **2,356,163**  
[13] A1  
[51] **Int.Cl. 6C11D 17/00**  
[25] EN  
[54] **COMPOSITIONS CONTAINING .ALPHA.-SULFOFATTY ACID ESTERS AND METHODS OF MAKING AND USING THE SAME**  
[54] **COMPOSITIONS CONTENANT DES ESTERS D'ACIDES ~-SULFO-GRAS ET PROCEDES DE FABRICATION ET D'UTILISATION CORRESPONDANTS**  
[72] JENSEN, LAURIE A., US  
[72] HUIISH, PAUL DANTON, US  
[72] LIBE, PULE B., US  
[71] HUIISH DETERGENTS, INC., US  
[85] 2001-06-20  
[86] 1999-11-18 (PCT/US99/27374)  
[87] 2000-05-25 (WO00/29543)  
[30] US (09/195,785) 1998-11-19

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[21] **2,356,165**  
[13] A1  
[51] **Int.Cl. 7A61F 5/451**  
[25] EN  
[54] **CONTAINER FOR THE COLLECTION OF BODILY WASTE PROVIDED WITH AN ANATOMICALLY SHAPED FLANGE**  
[54] **DISPOSITIF DE COLLECTE DE DECHETS CORPORELS A REBORD DE FORME ANATOMIQUE**  
[72] EVANGELISTA, OLINDO, IT  
[72] GONZALES, DENIS ALFRED, IT  
[72] D'ACCHIOLI, VINCENZO, DE  
[72] PALUMBO, GIANFRANCO, DE  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-06-20  
[86] 1999-12-22 (PCT/US99/30691)  
[87] 2000-07-13 (WO00/40184)  
[30] EP (99100119.9) 1999-01-04

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[13] A1

[51] **Int.Cl. 7C07C 231/24 7A61P 17/00 7A61P 29/00 7A61P 3/02 7C07C 235/12 7A61K 31/197**  
[25] EN  
[54] **METHOD FOR PRODUCING CALCIUM PANTOTHENATE**  
[54] **PROCEDE DE PRODUCTION DE PANTOTHENATE DE CALCIUM**  
[72] SHIBA, MOTOO, JP  
[72] EIMORI, SOTOHIKO, JP  
[72] NOZAKI, TOMOKO, JP  
[72] TAKAHASHI, NORIKAZU, JP  
[71] FUJI CHEMICAL INDUSTRIES, LTD., JP  
[85] 2001-06-20  
[86] 1999-12-22 (PCT/JP99/07215)  
[87] 2000-07-06 (WO00/39076)  
[30] JP (10/369582) 1998-12-25

[21] **2,356,168**  
[13] A1

[51] **Int.Cl. 7B22D 17/20**  
[25] EN  
[54] **SELF LUBRICATING AND CLEANING INJECTION PISTON FOR COLD CHAMBER INJECTION UNIT**  
[54] **PISTON D'INJECTION D'AUTO-LUBRIFICATION ET DE NETTOYAGE, POUR UNITE D'INJECTION D'ENCEINTE A FROID**  
[72] PERRELLA, GUIDO, CA  
[72] CORONADO, JEAN, CA  
[71] DBM INDUSTRIES LTD., CA  
[85] 2001-06-20  
[86] 1999-12-17 (PCT/CA99/01206)  
[87] 2000-07-13 (WO00/40356)  
[30] US (09/223,117) 1998-12-30

[21] **2,356,170**  
[13] A1

[51] **Int.Cl. 7B27N 3/28 7B29C 47/40 7B29C 47/76 7B29C 47/92**  
[25] EN  
[54] **METHOD AND APPARATUS FOR THE CONTINUOUS PRODUCTION OF MOULDINGS**  
[54] **PROCEDE ET DISPOSITIF POUR PRODUIRE EN CONTINU DES CORPS MOULES**  
[72] TRAUB, HEINZ, DE  
[72] BECKER, SILVAN, DE  
[71] HALLER FORMHOLZ, DE  
[85] 2001-06-20  
[86] 1999-12-28 (PCT/EP99/10427)  
[87] 2000-07-13 (WO00/40384)  
[30] DE (198 60 836.5) 1998-12-30

[21] **2,356,171**  
[13] A1

[51] **Int.Cl. 7A61F 5/451**  
[25] EN  
[54] **CONTAINER FOR THE COLLECTION OF BODILY WASTE PROVIDED WITH A WRAPPER**  
[54] **CONTENANT PERMETTANT DE RECUEILLIR DES DECHETS CORPORELS ET COMPORTANT UN EMBALLAGE**  
[72] EVANGELISTA, OLINDO, IT  
[72] SCHONE, RANIER WALTER MAX, DE  
[72] COLES, PETER, IT  
[72] D'ACCHIOLI, VINCENZO, DE  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-06-20  
[86] 1999-12-21 (PCT/US99/30560)  
[87] 2000-07-13 (WO00/40183)  
[30] EP (99100116.5) 1999-01-04

[21] **2,356,174**  
[13] A1

[51] **Int.Cl. 7G01N 33/68**  
[25] EN  
[54] **KIDNEY DISEASE DETECTION AND TREATMENT**  
[54] **DETECTION ET TRAITEMENT DE MALADIES DU REIN**  
[72] COMPER, WAYNE D., AU  
[71] MONASH UNIVERSITY, AU  
[85] 2001-06-20  
[86] 1999-12-20 (PCT/IB99/02029)  
[87] 2000-06-29 (WO00/37944)  
[30] AU (PP 7843) 1998-12-21  
[30] US (09/415,217) 1999-10-12

[21] **2,356,175**  
[13] A1

[51] **Int.Cl. 7A61N 1/30**  
[25] EN  
[54] **TRANSDERMAL DELIVERY OF FINE POWDERS**  
[54] **ADMINISTRATION TRANSDERMIQUE DE POUDRES FINES**  
[72] AVRAHAMI, ZOHAR, IL  
[71] ELECSYS LTD., IL  
[85] 2001-06-20  
[86] 1999-12-22 (PCT/IL99/00696)  
[87] 2000-07-06 (WO00/38781)  
[30] US (09/220,712) 1998-12-24

[21] **2,356,177**  
[13] A1

[51] **Int.Cl. 7A61K 9/08 7A61K 47/10 7A61K 47/36 7A61K 47/38 7A61K 31/573**  
[25] EN  
[54] **AQUEOUS PHARMACEUTICAL COMPOSITIONS**  
[54] **COMPOSITIONS PHARMACEUTIQUES AQUEUSES**  
[72] TAKANASHI, KAZUYA, JP  
[72] NISHIBE, YOSHIHISA, JP  
[72] NAGANO, ATSUHIRO, JP  
[71] TEIJIN LIMITED, JP  
[85] 2001-06-19  
[86] 2000-10-18 (PCT/JP00/07228)  
[87] 2001-04-26 (WO01/28517)  
[30] JP (11/298187) 1999-10-20

[21] **2,356,178**  
[13] A1

[51] **Int.Cl. 7C09K 3/18**  
[25] EN  
[54] **ULTRAPHOBIC SURFACE**  
[54] **SURFACE ULTRAPHOBE**  
[72] RUHLE, DIETER, DE  
[72] KOHLER, BURKHARD, DE  
[72] KIJLSTRA, JOHAN, DE  
[72] VOETZ, MATTHIAS, DE  
[72] WIESSMEIER, GEORG, DE  
[72] REIHS, KARSTEN, DE  
[72] DUFF, DANIEL-GORDON, DE  
[71] SUNYX SURFACE NANOTECHNOLOGIES GMBH, DE  
[85] 2001-06-19  
[86] 1999-12-22 (PCT/EP99/10322)  
[87] 2000-07-06 (WO00/39240)  
[30] DE (198 60 136.0) 1998-12-24  
[30] DE (198 60 134.4) 1998-12-24  
[30] DE (198 60 141.7) 1998-12-24

[21] **2,356,179**  
[13] A1

[51] **Int.Cl. 7G06F 13/24**  
[25] EN  
[54] **APPARATUS AND METHOD FOR HANDLING PERIPHERAL DEVICE INTERRUPTS**  
[54] **APPAREIL ET PROCEDE PERMETTANT DE GERER DES INTERRUPTIONS DE PERIPHERIQUES**  
[72] SLEEMAN, PETER TIMOTHY, GB  
[72] PRESCOTT, RICHARD  
BARTHOLOMEW HEWELL, GB  
[71] ELAN DIGITAL SYSTEMS LIMITED, GB  
[85] 2001-06-19  
[86] 2000-02-15 (PCT/GB00/00516)  
[87] 2000-09-14 (WO00/54162)  
[30] GB (9905508.9) 1999-03-10

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[13] A1  
[51] **Int.Cl. 6A63B 37/12 6A63B 37/06 6A63B 37/08**  
[25] EN  
[54] **LOW SPIN GOLF BALL**  
[54] **BALLE DE GOLF A FAIBLE VITESSE DE ROTATION PROPRE**  
[72] NESBITT, R. DENNIS, US  
[72] SULLIVAN, MICHAEL J., US  
[71] SPALDING SPORTS WORLDWIDE, INC., US  
[85] 2001-06-19  
[86] 1999-08-04 (PCT/US99/17861)  
[87] 2000-07-06 (WO00/38790)  
[30] US (09/220,388) 1998-12-23

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[21] **2,356,181**  
[13] A1  
[51] **Int.Cl. 7A61K 31/53 7A61P 33/02**  
[25] EN  
[54] **TRIAZINEONE COMPOUNDS FOR TREATING DISEASES DUE TO SARCOCYSTIS, NEOSPORA AND TOXOPLASMA**  
[54] **COMPOSES DE TRIAZINEONE UTILISES POUR TRAITER LES MALADIES DUES AUX SARCOCYSTIS, NEOSPORA ET TOXOPLASME**  
[72] KENNEDY, THOMAS J., US  
[71] BAYER CORPORATION, US  
[85] 2001-06-19  
[86] 1999-12-17 (PCT/US99/30284)  
[87] 2000-06-29 (WO00/37084)  
[30] US (09/218,712) 1998-12-22

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[21] **2,356,183**  
[13] A1  
[51] **Int.Cl. 7H04L 27/26**  
[25] EN  
[54] **METHOD FOR SUPPRESSING NARROW FREQUENCY BANDS**  
[54] **PROCEDE POUR ANNULER DES BANDES DE FREQUENCES ETROITES**  
[72] BALDEMAIR, ROBERT, AT  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-06-19  
[86] 1999-12-21 (PCT/AT99/00310)  
[87] 2000-06-29 (WO00/38386)  
[30] AT (A 2127/98) 1998-12-21

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[21] **2,356,184**  
[13] A1  
[51] **Int.Cl. 7E21B 43/10**  
[25] EN  
[54] **TUBING ANCHOR**  
[54] **ANCRAGE DE TUBAGE**  
[72] METCALFE, PAUL DAVID, GB  
[72] SIMPSON, NEIL ANDREW ABERCROMBIE, GB  
[71] WEATHERFORD/LAMB, INC., US  
[85] 2001-06-19  
[86] 1999-12-22 (PCT/GB99/04363)  
[87] 2000-06-29 (WO00/37772)  
[30] GB (9828234.6) 1998-12-22  
[30] GB (9900835.1) 1999-01-15  
[30] GB (9923783.6) 1999-10-08  
[30] GB (9924189.5) 1999-10-13

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[21] **2,356,185**  
[13] A1  
[51] **Int.Cl. 7H04Q 7/24 7H04Q 3/00**  
[25] EN  
[54] **TRANSPORT METHOD FOR THE MOBILE APPLICATION PART (MAP), AND APPARATUS THEREFOR**  
[54] **PROCEDE DE TRANSPORT POUR LA PARTIE POUR APPLICATION MOBILE (MAP) ET APPAREIL ASSOCIE**  
[72] KAVADAS, BILL, AU  
[72] GRAF, LESLIE, AU  
[72] HOLLIS, MARK, AU  
[72] NIESEN, RALPH, AU  
[72] WOO, LINDA, AU  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-06-19  
[86] 1999-12-17 (PCT/EP99/10046)  
[87] 2000-06-29 (WO00/38447)  
[30] FI (982776) 1998-12-22

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[21] **2,356,186**  
[13] A1  
[51] **Int.Cl. 7C07K 7/08 7C07K 7/06 7A61K 47/48 7G01N 33/50 7G01N 33/94**  
[25] EN  
[54] **PENICILLINS AS PHARMACEUTICALS FOR THE DOWNREGULATION OF IFN.GAMMA. PRODUCTION**  
[54] **PENICILLINES UTILISEES COMME AGENT PHARMACEUTIQUE DANS LA REGULATION NEGATIVE DE LA PRODUCTION D'IFN.GAMMA.**  
[72] PADOVAN, ELISABETTA, CH  
[72] WELTZIEN, HANS ULRICH, DE  
[71] MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V., DE  
[85] 2001-06-19  
[86] 1999-12-23 (PCT/EP99/10378)  
[87] 2000-07-06 (WO00/39155)  
[30] EP (98124591.3) 1998-12-23

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[21] **2,356,187**  
[13] A1  
[51] **Int.Cl. 7H02M 3/335**  
[25] EN  
[54] **A SYNCHRONOUS FLYBACK CONVERTER**  
[54] **CONVERTISSEUR INDIRECT SYNCHRONE**  
[72] HEDENSKOG, BO, SE  
[72] SVARDSJO, CLAES, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-06-19  
[86] 1999-12-16 (PCT/SE99/02390)  
[87] 2000-06-29 (WO00/38305)  
[30] SE (9804454-8) 1998-12-21

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[21] **2,356,188**  
[13] A1  
[51] **Int.Cl. 7C07D 307/87**  
[25] EN  
[54] **METHOD FOR THE PREPARATION OF 5-CYANOPHTHALIDE**  
[54] **TECHNIQUE DE PREPARATION DE 5-CYANOPHTHALIDE**  
[72] DAHLBERG NIELSEN, POUL, DK  
[72] PETERSEN, HANS, DK  
[71] H. LUNDBECK A/S, DK  
[85] 2001-06-18  
[86] 1999-12-22 (PCT/DK99/00728)  
[87] 2000-07-06 (WO00/39112)  
[30] DK (PA 1998 01718) 1998-12-23

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[21] **2,356,189**  
[13] A1

[51] **Int.Cl. 7C07K 14/705 7A61K 38/17 7G01N 33/68**  
[25] EN  
[54] **FRAGMENT OF THE GYLCOPROTEIN CD55/DAF FOR PRODUCING HIGHLY EFFECTIVE ANTI-TUMOUR MEDICAMENTS AND METHOD FOR USING THE SAME**  
[54] **SUBSTANCE POUR L'OBTENTION DE MEDICAMENTS ANTITUMORAUX HAUTEMENT EFFICACES, ET PROCEDE ASSOCIE**  
[72] VOLLMERS, HEINZ PETER, DE  
[72] MULLER-HERMELINK, HANS KONRAD, DE  
[71] VOLLMERS, HEINZ PETER, DE  
[71] MULLER-HERMELINK, HANS KONRAD, DE  
[85] 2001-06-18  
[86] 1999-12-22 (PCT/EP99/10329)  
[87] 2000-06-29 (WO00/37489)  
[30] DE (198 59 248.5) 1998-12-22  
[30] DE (199 09 771.2) 1999-03-05

[21] **2,356,190**  
[13] A1

[51] **Int.Cl. 7C25D 11/24**  
[25] EN  
[54] **IMPROVED SEALING METHOD FOR ANODIZED METAL SURFACES**  
[54] **PROCEDE AMELIORE D'ETANCHEIFICATION POUR SURFACES METALLIQUES ANODISEES**  
[72] KOCH, ALINA MONICA, DE  
[72] KRESSE, JOSEF, DE  
[72] HECHT, GABRIELE, DE  
[71] HENKEL  
KOMMANDITGESELLSCHAFT AUF AKTIEN, DE  
[85] 2001-06-18  
[86] 1999-12-07 (PCT/EP99/09549)  
[87] 2000-06-22 (WO00/36190)  
[30] DE (198 58 034.7) 1998-12-16

[21] **2,356,191**  
[13] A1

[51] **Int.Cl. 7C04B 35/52 7F16D 69/02**  
[25] EN  
[54] **COMPOSITE FOAM, ARTICLES, AND METHODS OF FORMATION**  
[54] **MOUSSE COMPOSITE, ARTICLES ET PROCEDES DE PREPARATION**  
[72] LOSZEWSKI, RAYMOND C., US  
[71] TEXTRON SYSTEMS CORPORATION, US  
[85] 2001-06-18  
[86] 1999-12-17 (PCT/US99/30140)  
[87] 2000-06-22 (WO00/35828)  
[30] US (60/112,704) 1998-12-18

[21] **2,356,192**  
[13] A1

[51] **Int.Cl. 7G11B 19/04 7G06F 3/06 7G11B 5/09 7G11B 20/18 7G11B 27/36**  
[25] EN  
[54] **DATA WRITE CONTROL SYSTEM AND METHOD THEREFOR**  
[54] **SYSTEME ET PROCEDE DE COMMANDE D'ECRITURE DE DONNEES**  
[72] WADA, MASAMICHI, JP  
[71] KABUSHIKI KAISHA TOSHIBA, JP  
[85] 2001-06-18  
[86] 2000-06-05 (PCT/JP00/03619)  
[87] 2001-05-10 (WO01/33566)  
[30] JP (11/307893) 1999-10-29  
[30] JP (11/313151) 1999-11-02

[21] **2,356,193**  
[13] A1

[51] **Int.Cl. 7H01Q 1/32 7G02B 27/00 7G08B 25/00 7B60C 23/00 7G01C 21/00 7G08C 19/00 7B60Q 1/02 7G02F 1/153 7B60R 21/32 7H01Q 1/38**  
[25] EN  
[54] **REARVIEW MIRROR WITH INTEGRATED MICROWAVE RECEIVER**  
[54] **RETROVISEUR A RECEPTEUR HYPERFREQUENCE INTEGRE**  
[72] KNAPP, ROBERT C., US  
[72] TURNBULL, ROBERT R., US  
[72] WALSTRA, ERIC J., US  
[71] GENTEX CORPORATION, US  
[85] 2001-06-20  
[86] 2000-02-02 (PCT/US00/02654)  
[87] 2000-08-24 (WO00/49680)  
[30] US (09/250,086) 1999-02-16

[21] **2,356,194**  
[13] A1

[51] **Int.Cl. 7E21B 29/00 7B21D 17/04 7B21D 39/04 7E21B 29/10 7B21D 39/10**  
[25] EN  
[54] **PROCEDURES AND EQUIPMENT FOR PROFILING AND JOINTING OF PIPES**  
[54] **PROCEDES ET MATERIEL DE FACONNAGE ET D'ASSEMBLAGE DE TUYAUX**  
[72] SIMPSON, NEIL ANDREW  
ABERCROMBIE, GB  
[71] WEATHERFORD/LAMB, INC., US  
[85] 2001-06-21  
[86] 1999-12-21 (PCT/GB99/04225)  
[87] 2000-06-29 (WO00/37766)  
[30] GB (9828234.6) 1998-12-22  
[30] GB (9900835.1) 1999-01-15  
[30] GB (9923783.6) 1999-10-08  
[30] GB (9924189.5) 1999-10-13

[21] **2,356,195**  
[13] A1

[51] **Int.Cl. 7A61B 5/00**  
[25] EN  
[54] **OPTICAL METHODS AND SYSTEMS FOR CERVICAL SCREENING**  
[54] **SYSTEMES ET TECHNIQUES OPTIQUES DESTINES A L'EXAMEN DU COL**  
[72] NORDSTROM, ROBERT, US  
[72] MODELL, MARK, US  
[71] MEDISPECTRA, INC., US  
[85] 2001-06-21  
[86] 1999-12-23 (PCT/US99/30902)  
[87] 2000-06-29 (WO00/36973)  
[30] US (60/113,624) 1998-12-23

[21] **2,356,196**  
[13] A1

[51] **Int.Cl. 7B41J 2/45 7H01L 33/00**  
[25] EN  
[54] **DRIVER CIRCUIT FOR A SELF-SCANNING LIGHT-EMITTING ELEMENT ARRAY**  
[54] **CIRCUIT D'EXCITATION POUR UN ELEMENT DE RESEAU LUMINESCENT AUTO-BALAYE**  
[72] OHNO, SEIJI, JP  
[71] NIPPON SHEET GLASS CO., LTD., JP  
[85] 2001-06-21  
[86] 2000-10-10 (PCT/JP00/07257)  
[87] 2001-05-03 (WO01/30580)  
[30] JP (11/300373) 1999-10-22

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,356,197</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61N 1/30</b> [25] EN [54] <b>THIN POLYMER FILM DRUG RESERVOIRS</b> [54] <b>RESERVOIR A MEDICAMENTS EN FILM POLYMERE MINCE</b> [72] VENKATRAMAN, SUBRAMANIAN S., US [72] KLEINER, LOTHAR W., US [72] GOLDMAN, ELI J., US [72] PUDJIANTO, STEPHANUS, US [71] ALZA CORPORATION, US [85] 2001-06-21 [86] 1999-12-15 (PCT/US99/29727) [87] 2000-06-29 (WO00/37138) [30] US (60/113,509) 1998-12-22</p>	<p style="text-align: right;">[21] <b>2,356,200</b> [13] A1</p> <p>[51] <b>Int.Cl. 7D21F 3/10</b> [25] EN [54] <b>SEAL STRIP</b> [54] <b>BANDE D'ETANCHEITE</b> [72] .ANG.KERBLOM, BENGT, SE [72] ERIKSSON, LARS, SE [72] PERSSON, ROLF, SE [71] JOCELL AKTIEBOLAG, SE [85] 2001-06-21 [86] 1999-10-08 (PCT/SE99/01802) [87] 2000-07-27 (WO00/43592) [30] SE (9900014-3) 1999-01-07</p>	<p style="text-align: right;">[21] <b>2,356,206</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G08B 5/00</b> [25] EN [54] <b>TIMING</b> [54] <b>TEMPORISATION</b> [72] ROSCHE, ROGER M., SG [72] KORT, HAN, NL [71] REMIND CAP PTE. LTD., SG [85] 2001-06-21 [86] 1999-12-29 (PCT/US99/31296) [87] 2000-07-06 (WO00/39763) [30] US (09/223,128) 1998-12-30</p>
<p style="text-align: right;">[21] <b>2,356,198</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A23L 1/221 7A23G 1/04 7A23F 3/42 7A23F 5/50</b> [25] EN [54] <b>METHOD FOR RECOVERING AROMA CONCENTRATE FROM A CAFFEINE- OR THEOBROMINE-COMPRISE FOOD BASE MATERIAL</b> [54] <b>PROCEDE DE RECUPERATION DU CONCENTRE D'AROME D'UN PRODUIT ALIMENTAIRE</b> [54] <b>COMPRENANT DE LA THEOBROMINE OU DE LA CAFEINE</b> [72] HOVING, HENDRIK DERK, NL [72] WINTERS, MIRANDA GERTRUIDA MARIA, NL [72] WILLEMSSEN, JEROEN HAROLD ANTON, NL [72] NIJHUIS, HERMAN HENK, NL [72] KATTENBERG, HANS ROBERT, NL [72] STARMANS, DICK ANTONIUS JOHANNES, NL [71] ADM COCOA B.V., NL [85] 2001-06-21 [86] 1999-12-23 (PCT/NL99/00802) [87] 2000-07-06 (WO00/38540) [30] NL (1010880) 1998-12-23</p>	<p style="text-align: right;">[21] <b>2,356,202</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01B 11/16</b> [25] EN [54] <b>SHADOW MOIRE SURFACE TOPOLOGY INSPECTION WITH CALIBRATION SAMPLES</b> [54] <b>MESURE DE LA TOPOLOGIE D'UNE SURFACE AU MOYEN D'UN RESEAU MOIRE UTILISANT DES ECHANTILLONS DE REFERENCE</b> [72] O'BRIEN, EDWIN WILLIAM, GB [72] IBBOTSON, ANDREW ROBERT, GB [71] BAE SYSTEMS PLC, GB [85] 2001-06-20 [86] 1999-12-20 (PCT/GB99/04385) [87] 2000-07-06 (WO00/39523) [30] GB (9828474.8) 1998-12-24</p>	<p style="text-align: right;">[21] <b>2,356,207</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12Q 1/68 7A61P 43/00</b> [25] EN [54] <b>GENE EXPRESSION PROFILING OF INFLAMMATORY BOWEL DISEASE</b> [54] <b>PROFILAGE DE L'EXPRESSION GENETIQUE D'UNE AFFECTION INTESTINALE INFLAMMATOIRE</b> [72] CHAKRAVARTI, SHUKTI, US [71] CASE WESTERN RESERVE UNIVERSITY, US [85] 2001-06-21 [86] 2000-10-23 (PCT/US00/41457) [87] 2001-04-26 (WO01/29269) [30] US (60/160,835) 1999-10-21</p>
<p style="text-align: right;">[21] <b>2,356,204</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61M 5/00 7A61M 5/32</b> [25] EN [54] <b>NEEDLE PROTECTION APPARATUS USED WITH A VIAL</b> [54] <b>DISPOSITIF DE PROTECTION D'AIGUILLE S'UTILISANT AVEC UN FLACON</b> [72] SIMPSON, RODDI J., US [72] HOLLISTER, WILLIAM H., US [71] SIMS PORTEX INC., US [85] 2001-06-20 [86] 2000-01-10 (PCT/US00/00454) [87] 2000-07-20 (WO00/41749) [30] US (09/227,819) 1999-01-11</p>	<p style="text-align: right;">[21] <b>2,356,208</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08G 69/34 7C09J 177/08</b> [25] EN [54] <b>HOTMELT ADHESIVES BASED ON POLYAMIDES</b> [54] <b>ADHESIFS THERMOFUSIBLES A BASE DE POLYAMIDES</b> [72] MEDA, FRANCESCO, IT [72] ROSSINI, ANGELA, IT [71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE [85] 2001-06-21 [86] 1999-12-11 (PCT/EP99/09839) [87] 2000-06-29 (WO00/37538) [30] EP (98124176.3) 1998-12-21</p>	

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[21] **2,356,212**  
[13] A1

[51] **Int.Cl. 7C07D 239/42 7A61P 3/06 7A61K 31/505**  
[25] EN  
[54] **CRYSTALLINE BIS-(E)-7- $\rightarrow$ 4-(4-FLUOROPHENYL)-6-ISOPROPYL-2-METHYL (METHYLSULFONYL) AMINO|PYRIMIDIN -5-YL| (3R,5S)-3, 5-DIHYDROXYHEPT -6-ENOIC ACID|CALCIUM SALT**  
[54] **SEL CRISTALLIN DE CALCIUM BIS-(E)-7- $\rightarrow$ 4-(4-FLUOROPHENYL)-6-ISOPROPYL-2- $\rightarrow$ METHYL (METHYLSULFONYL) AMINO|PYRIMIDINE-5-YL| (3R,5S)-3, 5-DIHYDROXYHEPT -6-ACIDE ENOIQUE|**  
[72] TAYLOR, NIGEL PHILLIP, GB  
[71] ASTRAZENECA AB, SE  
[85] 2001-06-20  
[86] 1999-12-23 (PCT/GB99/04439)  
[87] 2000-07-20 (WO00/42024)  
[30] GB (9900339.4) 1999-01-09

[21] **2,356,213**  
[13] A1

[51] **Int.Cl. 7B29C 47/00**  
[25] EN  
[54] **MELT PROCESSING OF AN ELASTOMERIC OLEFIN POLYMER**  
[54] **TRAITEMENT A L'ETAT FONDU D'UN POLYMER OLEFINIQUE ELASTOMERE**  
[72] WRESCHINSKY, MICHAEL, US  
[71] BP CORPORATION NORTH AMERICA INC., US  
[85] 2001-06-20  
[86] 2000-01-18 (PCT/US00/01204)  
[87] 2000-07-27 (WO00/43188)  
[30] US (60/116,474) 1999-01-20

[21] **2,356,214**  
[13] A1

[51] **Int.Cl. 7C07D 211/62 7C07D 405/04 7C07D 409/04 7C07D 401/06 7A61K 31/445**  
[25] EN  
[54] **HETEROCYCLIC AMIDES AS INHIBITORS OF FACTOR XA**  
[54] **AMIDES HETEROCYCLIQUES INHIBITEURS DU FACTEUR XA**  
[72] MASTERS, JOHN JOSEPH, US  
[72] KLIMKOWSKI, VALENTINE JOSEPH, US  
[72] KYLE, JEFFREY ALAN, US  
[72] WILEY, MICHAEL ROBERT, US  
[71] ELI LILLY AND COMPANY, US  
[85] 2001-06-20  
[86] 1999-12-15 (PCT/US99/29834)  
[87] 2000-07-06 (WO00/39092)  
[30] US (60/113,595) 1998-12-24

[21] **2,356,215**  
[13] A1

[51] **Int.Cl. 7C07K 16/28 7C12N 5/08 7G01N 33/53 7G01N 33/68**  
[25] EN  
[54] **HUMAN MONOCLONAL ANTIBODIES TO CTLA-4**  
[54] **ANTICORPS MONOCLONAUX HUMAINS DIRIGES CONTRE L'ANTIGENE CTLA-4**  
[72] GILMAN, STEVEN CHRISTOPHER, US  
[72] NEVEU, MARK JOSEPH, US  
[72] HANSON, DOUGLAS CHARLES, US  
[72] HANKE, JEFFREY HERBERT, US  
[72] CORVALAN, JOSE RAMON, US  
[72] MUELLER, EILEEN ELLIOT, US  
[72] DAVIS, C. GEOFFREY, US  
[71] ABGENIX, INC., US  
[71] PFIZER INC., US  
[85] 2001-06-21  
[86] 1999-12-23 (PCT/US99/30895)  
[87] 2000-06-29 (WO00/37504)  
[30] US (60/113,647) 1998-12-23

[21] **2,356,217**  
[13] A1

[51] **Int.Cl. 7B32B 9/00 7G11B 7/24**  
[25] EN  
[54] **LAMINATED STRUCTURE, AND METHOD OF MANUFACTURE THEREOF**  
[54] **STRUCTURE STRATIFIEE ET SON PROCEDE DE FABRICATION**  
[72] YOSHIKAWA, MASATO, JP  
[72] KUMAGAI, SHO, JP  
[71] BRIDGESTONE CORPORATION, JP  
[85] 2001-06-20  
[86] 1999-12-02 (PCT/JP99/06777)  
[87] 2000-06-29 (WO00/37251)  
[30] JP (10/365234) 1998-12-22  
[30] JP (11/337615) 1999-11-29

[21] **2,356,218**  
[13] A1

[51] **Int.Cl. 7B01D 15/08**  
[25] EN  
[54] **AUTOMATED ON-LINE EVAPORATING LIGHT SCATTERING DETECTION TO QUANTIFY ISOLATED FLUID SAMPLE COMPOUNDS IN MICROTITER PLATE FORMAT**  
[54] **DETECTION AUTOMATIQUE EN-LIGNE DE LA DIFFUSION DE LUMIERE A L'EVAPORATION PERMETTANT DE QUANTIFIER DES COMPOSES D'ECHANTILLONS FLUIDES ISOLEES DANS UN FORMAT DE PLAQUE DE MICROTITRAGE**  
[72] KASSEL, DANIEL B., US  
[72] ZAMBIAS, ROBERT A., US  
[71] DUPONT PHARMACEUTICALS RESEARCH LABORATORIES, US  
[85] 2001-06-20  
[86] 1999-12-20 (PCT/US99/30514)  
[87] 2000-06-29 (WO00/37157)  
[30] US (09/219,083) 1998-12-22



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[21] **2,356,221**  
[13] A1  
[51] **Int.Cl. 7B29C 67/00 7B29C 41/04 7C08K 3/34**  
[25] EN  
[54] **METHOD OF MAKING ROTATIONALLY MOULDED PARTS HAVING NANO-PARTICLE REINFORCEMENT**  
[54] **PROCEDE DE PRODUCTION DE PIECES MOULEES PAR ROTATION COMPRENANT DES NANOPARTICULES DE RENFORCEMENT**  
[72] WILSON, PHILLIP S., US  
[71] MAGNA INTERNATIONAL OF AMERICA, INC., US  
[85] 2001-06-20  
[86] 1999-12-17 (PCT/US99/29986)  
[87] 2000-06-29 (WO00/37241)  
[30] US (60/113,132) 1998-12-21

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[21] **2,356,222**  
[13] A1  
[51] **Int.Cl. 7G10K 11/178**  
[25] EN  
[54] **NOISE REDUCTION APPARATUS**  
[54] **APPAREIL DE REDUCTION DE BRUIT**  
[72] GREENHALGH, ROB, AU  
[72] PAUROBALLY, MOHAMMED ROSHUN, AU  
[72] PAN, JIE, AU  
[72] CHAOYING, BAO, AU  
[71] THE UNIVERSITY OF WESTERN AUSTRALIA, AU  
[85] 2001-06-20  
[86] 1999-12-21 (PCT/AU99/01135)  
[87] 2000-06-29 (WO00/38173)  
[30] AU (PP 7826) 1998-12-21

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[21] **2,356,243**  
[13] A1  
[51] **Int.Cl. 7C12N 15/12 7C12P 21/02 7C12Q 1/02 7C12N 5/10 7G01N 33/15 7C12N 1/21 7C07K 16/28 7A61K 31/415 7G01N 33/566 7C07D 233/64 7C07K 14/705**  
[25] EN  
[54] **NOVEL GUANOSINE TRIPHOSPHATE (GTP)-BINDING PROTEIN-COUPLED RECEPTOR PROTEINS**  
[54] **NOUVELLES PROTEINES RECEPTRICES COUPLEES AUX PROTEINES SE LIANT A LA GUANOSINE TRIPHOSPHATE (GTP)**  
[72] NAKAMURA, TAKAO, JP  
[72] TAKIMURA, TETSUO, JP  
[72] ITADANI, HIRAKU, JP  
[72] TANAKA, KEN-ICHI, JP  
[72] KOBAYASHI, MASAHIKO, JP  
[72] OHTA, MASATAKA, JP  
[72] HIDAKA, YUSUKE, JP  
[71] BANYU PHARMACEUTICAL CO., LTD., JP  
[85] 2001-06-26  
[86] 1999-12-24 (PCT/JP99/07280)  
[87] 2000-07-06 (WO00/39164)  
[30] WO (PCT/JP98/05967) 1998-12-25  
[30] JP (11/145661) 1999-05-25

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[21] **2,356,244**  
[13] A1  
[51] **Int.Cl. 7C12N 5/06 7A61K 38/00 7A61K 48/00 7C12P 21/00 7C12N 5/08 7C12P 21/08 7C12N 5/12 7C07K 16/28 7C12P 19/34 7A61K 39/395**  
[25] EN  
[54] **SOMATIC CELLS WITH ABLATED PRP GENE AND METHODS OF USE**  
[54] **CELLULES SOMATIQUES AVEC GENE PRP RETIRE ET LEURS METHODES D'UTILISATION**  
[72] PRUNISER, STANLEY B., US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2001-06-19  
[86] 1999-12-13 (PCT/US99/29503)  
[87] 2000-06-29 (WO00/37612)  
[30] US (09/220,265) 1998-12-22

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[21] **2,356,251**  
[13] A1  
[51] **Int.Cl. 7H01C 7/12**  
[25] EN  
[54] **IMPROVEMENTS RELATING TO ELECTRICAL SURGE ARRESTERS**  
[54] **AMELIORATIONS APPOORTEES AUX DISPOSITIFS DE PROTECTION CONTRE LES SURTENSIONS ELECTRIQUES**  
[72] DOONE, RODNEY MEREDITH, GB  
[72] SHORT, PATRICK GEORGE, GB  
[71] BOWTHORPE INDUSTRIES LIMITED, GB  
[85] 2001-06-21  
[86] 1999-12-21 (PCT/GB99/04334)  
[87] 2000-06-29 (WO00/38200)  
[30] GB (9828184.3) 1998-12-21

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[21] **2,356,252**  
[13] A1  
[51] **Int.Cl. 7G06K 9/00**  
[25] EN  
[54] **FACE SUB-SPACE DETERMINATION**  
[54] **DETERMINATION DE SOUS-ENSEMBLE D'ESPACE DE VISAGE**  
[72] TAYLOR, CHRISTOPHER JOHN, GB  
[72] COOTES, TIMOTHY FRANCIS, GB  
[72] EDWARDS, GARETH, GB  
[72] COSTEN, NICHOLAS PAUL, GB  
[71] THE VICTORIA UNIVERSITY OF MANCHESTER, GB  
[85] 2001-06-26  
[86] 1999-11-29 (PCT/GB99/03953)  
[87] 2000-06-08 (WO00/33240)  
[30] GB (9826398.1) 1998-12-02  
[30] GB (9922807.4) 1999-09-28

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[21] **2,356,253**  
[13] A1

[51] **Int.Cl. 7B22F 1/00 7C22C 33/02 7B22F 3/02 7B22F 3/035**  
[25] EN  
[54] **LUBRICATING AGENT FOR MOLD AT ELEVATED TEMPERATURE, IRON-BASED POWDER COMPOSITION FOR ELEVATED TEMPERATURE COMPACTION WITH LUBRICATED MOLD AND HIGH DENSITY FORMED PRODUCT FROM IRON-BASED POWDER COMPOSITION, AND METHOD FOR PRODUCING HIGH DENSITY IRON-BASED SINTERED COMPACT**  
[54] **AGENT LUBRIFIANT POUR MOULAGE A HAUTE TEMPERATURE, COMPOSITION DE POUDRE A BASE DE FER POUR COMPACTAGE A HAUTE TEMPERATURE AVEC UN MOULE LUBRIFIE ET PRODUIT FORME DE HAUTE DENSITEREALISE A PARTIR DE LADITE COMPOSITION, ET PROCEDE DE PRODUCTION D'UN PRODUIT COMPACT FRITTE DE DENSITE ELEVEE A BASE DE FER**  
[72] OZAKI, YUKIKO, JP  
[72] UNAMI, SHIGERU, JP  
[72] UENOSONO, SATOSHI, JP  
[71] KAWASAKI STEEL CORPORATION, JP  
[85] 2001-06-26  
[86] 2000-08-01 (PCT/JP00/05089)  
[87] 2001-05-10 (WO01/32337)  
[30] JP (11/308590) 1999-10-29  
[30] JP (2000-105050) 2000-04-06

[21] **2,356,254**  
[13] A1

[51] **Int.Cl. 7A61B 5/028**  
[25] EN  
[54] **APPARATUS, COMPUTER SYSTEM AND COMPUTER PROGRAM FOR DETERMINING A CARDIO-VASCULAR PARAMETER**  
[54] **APPAREIL, SYSTEME INFORMATIQUE ET PROGRAMME INFORMATIQUE PERMETTANT DE DETERMINER UN PARAMETRE CARDIO-VASCULAIRE**  
[72] PFEIFFER, ULRICH J., DE  
[72] BURGER, THORSTEN, DE  
[71] PULSION MEDICAL SYSTEMS AG, DE  
[85] 2001-06-26  
[86] 2000-10-27 (PCT/EP00/10590)  
[87] 2001-05-03 (WO01/30237)  
[30] US (60/161,931) 1999-10-28

[21] **2,356,255**  
[13] A1

[51] **Int.Cl. 7C12N 9/42 7A21D 8/04 7C12N 5/10 7C07K 14/415**  
[25] EN  
[54] **PROTEINES**  
[54] **PROTEINES**  
[72] SORENSEN, JENS FRISBAEK, DK  
[72] SIBBESEN, OLE, DK  
[71] DANISCO A/S, DK  
[85] 2001-06-22  
[86] 1999-12-17 (PCT/IB99/02071)  
[87] 2000-07-06 (WO00/39289)  
[30] GB (9828599.2) 1998-12-23  
[30] GB (9907805.7) 1999-04-06  
[30] GB (9908645.6) 1999-04-15

[21] **2,356,257**  
[13] A1

[51] **Int.Cl. 7C07K 14/65 7A61P 5/02 7A61K 38/30**  
[25] EN  
[54] **INSULIN-LIKE GROWTH FACTOR (IGF) I MUTANT VARIANTS**  
[54] **VARIANTS MUTANTS DU FACTEUR DE CROISSANCE I SEMBLABLE A L'INSULINE (IGF)**  
[72] DUBAQUIE, YVES, US  
[72] LOWMAN, HENRY, US  
[71] GENENTECH, INC., US  
[85] 2001-06-22  
[86] 2000-01-05 (PCT/US00/00151)  
[87] 2000-07-13 (WO00/40612)  
[30] US (60/115,010) 1999-01-06

[21] **2,356,261**  
[13] A1

[51] **Int.Cl. 7C08F 210/02 7C08F 4/02 7C08F 4/645**  
[25] EN  
[54] **PROCESS FOR PREPARING A SUPPORTED POLYMERIZATION CATALYST USING REDUCED AMOUNTS OF SOLVENT AND POLYMERIZATION PROCESS**  
[54] **PROCEDE DE PREPARATION D'UN CATALYSEUR DE POLYMERISATION SUPPORTE A L'AIDE DE QUANTITES REDUITES D'UN SOLVANT, ET PROCEDE DE POLYMERISATION**  
[72] SPRINGS, MARC A., US  
[72] MUNRO, IAN M., US  
[72] CARNAHAN, EDMUND M., US  
[71] BP CHEMICALS LIMITED, GB  
[85] 2001-06-26  
[86] 1999-12-06 (PCT/US99/28850)  
[87] 2000-07-13 (WO00/40623)  
[30] US (60/114,372) 1998-12-30

[21] **2,356,263**  
[13] A1

[51] **Int.Cl. 7C07D 401/04 7A61P 1/00 7A61P 3/00 7A61P 7/00 7A61P 9/00 7A61P 11/00 7A61P 17/00 7A61P 19/00 7A61P 21/00 7A61P 25/00 7A61P 27/00 7A61P 29/00 7A61P 31/00 7A61P 37/00 7A61P 43/00 7C07D 401/14 7C07D 405/14 7C07D 409/14 7A61K 31/4439 7A61K 31/4709**  
[25] EN  
[54] **AMINOPYRAZOLE DERIVATIVES**  
[54] **DERIVES D'AMINOPYRAZOLE**  
[72] SATO, MICHITAKA, JP  
[72] HASUMI, KOICHI, JP  
[72] MINAMI, NOBUYOSHI, JP  
[72] YAMAMOTO, NORIO, JP  
[72] KOBAYASHI, MOTOHIRO, JP  
[72] ASANO, HAJIME, JP  
[72] MATSUI, TERUAKI, JP  
[72] KANADA, ARIHIRO, JP  
[72] KEINO, KATSUYUKI, JP  
[72] OHTA, SHUJI, JP  
[72] ASAGARASU, AKIRA, JP  
[72] SATO, SHUICHIRO, JP  
[72] SAITO, TAKAHISA, JP  
[72] DOI, SATOSHI, JP  
[72] SATO, JUN, JP  
[71] TEIKOKU HORMONE MFG. CO., LTD., JP  
[85] 2001-06-22  
[86] 1999-12-21 (PCT/JP99/07186)  
[87] 2000-07-06 (WO00/39116)  
[30] JP (10/371094) 1998-12-25

[21] **2,356,264**  
[13] A1

[51] **Int.Cl. 7C09C 1/36 7C09D 5/02 7C09D 193/04 7C09C 3/06 7C09C 3/08 7C09D 7/12 7C09C 1/42**  
[25] EN  
[54] **METHOD OF PRODUCING AN AQUEOUS PAINT COMPOSITION FROM A PLURALITY OF PREMIXED COMPONENTS**  
[54] **PROCEDE DE FABRICATION D'UNE COMPOSITION DE PEINTURE AQUEUSE A PARTIR D'UNE PLURALITE DE COMPOSANTS PRE-MELANGES**  
[72] MCCLAIN, C. DANIEL, US  
[71] COATINGS MANAGEMENT SYSTEMS, INC., US  
[85] 2001-06-22  
[86] 1999-12-21 (PCT/US99/30796)  
[87] 2000-06-29 (WO00/37568)  
[30] US (09/221,332) 1998-12-23

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[21] **2,356,265**  
[13] A1  
[51] **Int.Cl. 7H01Q 21/06 7H01Q 23/00 7H01Q 3/26**  
[25] EN  
[54] **PHASED ARRAY ANTENNA AND METHOD OF MANUFACTURING THE SAME**  
[54] **ANTENNE A BALAYAGE ELECTRONIQUE ET METHODE DE PRODUCTION**  
[72] SUZUKI, KENICHIRO, JP  
[72] KUSAMITU, HIDEKI, JP  
[72] IWATA, RYUICHI, JP  
[72] ARA, YOUICHI, JP  
[72] MARUMOTO, TSUNEHISA, JP  
[71] NEC CORPORATION, JP  
[85] 2001-06-22  
[86] 1999-11-22 (PCT/JP99/06513)  
[87] 2000-07-06 (WO00/39890)  
[30] JP (10/368033) 1998-12-24

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[21] **2,356,266**  
[13] A1  
[51] **Int.Cl. 7F42C 13/04**  
[25] EN  
[54] **PROXIMITY FUZE**  
[54] **FUSEE DE PROXIMITE**  
[72] PATRICK, DAVID EDWARD, GB  
[72] RAWCLIFFE, JOHN GEOFFREY, GB  
[71] ROYAL ORDNANCE PUBLIC LIMITED COMPANY, GB  
[85] 2001-06-22  
[86] 1999-12-22 (PCT/GB99/04386)  
[87] 2000-07-06 (WO00/39521)  
[30] GB (9828407.8) 1998-12-23

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[21] **2,356,268**  
[13] A1  
[51] **Int.Cl. 7A01M 1/20 7A61L 9/22**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DISPERSING A VOLATILE COMPOSITION**  
[54] **PROCEDE ET APPAREIL DE DISPERSION D'UNE COMPOSITION VOLATILE**  
[72] FOX, RODNEY THOMAS, GB  
[72] HARRISON, NEALE MARK, GB  
[72] HUGHES, JOHN FARRELL, GB  
[72] KNAPP, JENNIFER JANE, GB  
[72] WHITMORE, LINDSEY FAYE, GB  
[71] RECKITT BENCKISER (UK) LIMITED, GB  
[71] UNIVERSITY OF SOUTHAMPTON, GB  
[85] 2001-06-22  
[86] 1999-12-20 (PCT/GB99/04312)  
[87] 2000-07-06 (WO00/38512)  
[30] GB (9828728.7) 1998-12-24  
[30] GB (9901146.2) 1999-01-19

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[13] A1  
[51] **Int.Cl. 7A61K 45/00 7C07D 401/04 7A61P 25/04 7C07D 471/10 7C07D 491/107 7C07D 401/14 7A61K 31/438 7A61K 31/4409**  
[25] EN  
[54] **PAIN CONTROL AGENT**  
[54] **REMEDES CONTRE LA DOULEUR**  
[72] AKIYAMA, YOSHIHISA, JP  
[72] MORI, TOMOHISA, JP  
[72] KUDOU, TOSHIKI, JP  
[72] ASAI, KENJI, JP  
[72] YANAGISAWA, YUMIKO, JP  
[72] WATANABE, TAKASHI, JP  
[72] MIKE, NAOKO, JP  
[72] HIRANUMA, TOYOKAZU, JP  
[72] TSUSHIMA, MASAKI, JP  
[71] MEIJI SEIKA KAISHA, LTD., JP  
[85] 2001-06-22  
[86] 1999-12-21 (PCT/JP99/07191)  
[87] 2000-07-06 (WO00/38720)  
[30] JP (10/367366) 1998-12-24  
[30] JP (11/136812) 1999-05-18

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[21] **2,356,271**  
[13] A1  
[51] **Int.Cl. 7G01N 33/00**  
[25] EN  
[54] **A HYBRID 3-D PROBE TRACKED BY MULTIPLE SENSORS**  
[54] **SONDE HYBRIDE 3-D LOCALISEE PAR DES CAPTEURS MULTIPLES**  
[72] SCHULZ, WALDEAN A., US  
[72] FAUL, IVAN, US  
[71] IMAGE GUIDED TECHNOLOGIES, INC., US  
[85] 2001-06-22  
[86] 1999-12-22 (PCT/US99/30494)  
[87] 2000-07-06 (WO00/39576)  
[30] US (60/113,803) 1998-12-23

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[21] **2,356,273**  
[13] A1  
[51] **Int.Cl. 6H04L 12/24 6H04Q 7/00 6H04M 3/42**  
[25] EN  
[54] **A SYSTEM AND METHOD FOR INTELLIGENT NETWORK SERVICES**  
[54] **SYSTEME ET PROCEDE DE SERVICES DE RESEAU INTELLIGENT**  
[72] KLEINITZ, FRANCIS PATRICK, AU  
[72] MCLEOD, NORMAN WILLIAM, AU  
[72] WILLIAMS, RUSSELL CLARKE, AU  
[71] TELSTRA CORPORATION LIMITED, AU  
[85] 2001-06-22  
[86] 1999-12-23 (PCT/AU99/01139)  
[87] 2000-07-06 (WO00/39960)  
[30] AU (PP 7917) 1998-12-23

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[21] **2,356,275**  
[13] A1  
[51] **Int.Cl. 7H01Q 21/06 7H01Q 23/00 7H01Q 3/26**  
[25] EN  
[54] **PHASED ARRAY ANTENNA AND ITS MANUFACTURING METHOD**  
[54] **ANTENNE EN RESEAU A ELEMENTS EN PHASE ET PROCEDE DE FABRICATION**  
[72] IWATA, RYUICHI, JP  
[72] MARUMOTO, TSUNEHISA, JP  
[72] SUZUKI, KENICHIRO, JP  
[72] KUSAMITU, HIDEKI, JP  
[72] ARA, YOUICHI, JP  
[71] NEC CORPORATION, JP  
[85] 2001-06-22  
[86] 1999-11-22 (PCT/JP99/06514)  
[87] 2000-07-06 (WO00/39891)  
[30] JP (10/368067) 1998-12-24

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[13] A1

[51] **Int.Cl. 7E04H 12/10 7F21V 21/06 7E04H 12/18 7E04G 1/24**  
[25] EN  
[54] **AN APPARATUS AND METHOD FOR A TEMPORARY SPREAD FOOTING**  
[54] **APPAREIL ET PROCEDE UTILES POUR FORMER UNE SEMELLE TEMPORAIRE**  
[72] KUBBE, GREGORY N., US  
[72] WHITSON, JAMES A., US  
[72] STONE, THOMAS A., US  
[72] CROOKHAM, DAVID M., US  
[72] CROOKHAM, JOE P., US  
[72] TIPPETT, WALTER R., US  
[71] MUSCO CORPORATION, US  
[85] 2001-06-21  
[86] 1999-12-17 (PCT/US99/30226)  
[87] 2000-06-29 (WO00/37753)  
[30] US (09/217,975) 1998-12-21

[21] **2,356,278**  
[13] A1

[51] **Int.Cl. 7H04Q 11/04 7H04L 12/56**  
[25] EN  
[54] **INTER-CLASS SCHEDULERS UTILIZING PRIORITY GUARANTEED QUEUING**  
[54] **PROGRAMMATEURS INTER-CLASSES A FILES D'ATTENTE A PRIORITE GARANTIE**  
[72] MARCHAND, BERNARD, CA  
[72] ST-DENIS, BERNARD, CA  
[72] PILLAR, JOHN, CA  
[71] NORTEL NETWORKS LIMITED, CA  
[85] 2001-06-21  
[86] 1999-12-16 (PCT/IB99/02017)  
[87] 2000-06-29 (WO00/38471)  
[30] US (09/218,510) 1998-12-22

[21] **2,356,279**  
[13] A1

[51] **Int.Cl. 7G01F 1/698**  
[25] EN  
[54] **METHOD AND SENSOR FOR MEASURING A MASS FLOW**  
[54] **PROCEDE ET CAPTEUR POUR MESURER UN FLUX MASSIQUE**  
[72] LECHNER, MORITZ, CH  
[72] MAYER, FELIX, CH  
[71] SENSIRION AG, CH  
[85] 2001-06-21  
[86] 1999-12-08 (PCT/IB99/01953)  
[87] 2000-06-29 (WO00/37895)  
[30] CH (2535/98) 1998-12-22

[21] **2,356,281**  
[13] A1

[51] **Int.Cl. 7A23L 1/30**  
[25] EN  
[54] **FOOD COMPOSITION**  
[54] **COMPOSITION ALIMENTAIRE**  
[72] VAN AMERONGEN, MARNIX, NL  
[72] DE BOER, BERNARDUS, NL  
[71] UNILEVER PLC, GB  
[85] 2001-06-21  
[86] 1999-10-27 (PCT/EP99/08309)  
[87] 2000-06-29 (WO00/36935)  
[30] EP (98204419.0) 1998-12-22

[21] **2,356,283**  
[13] A1

[51] **Int.Cl. 7A61K 7/00 7A61K 31/01 7A61K 31/015 7A61K 7/025 7A61K 7/027 7A61K 31/74 7A61K 31/745**  
[25] EN  
[54] **WEAR RESISTANT COSMETIC COMPOSITIONS**  
[54] **COMPOSITIONS DE COSMETIQUE LONGUE TENUE**  
[72] TRAVKINA, IRINA, US  
[72] RAOUF, MAHA, US  
[72] PAHLCK, HAROLD E., US  
[71] AVON PRODUCTS, INC., US  
[85] 2001-06-21  
[86] 2000-10-20 (PCT/US00/28979)  
[87] 2001-06-21 (WO01/43703)  
[30] US (09/461,447) 1999-12-14

[21] **2,356,284**  
[13] A1

[51] **Int.Cl. 7G01F 1/84**  
[25] EN  
[54] **CORIOLIS FLOWMETER FOR LARGE MASS FLOWS WITH REDUCED DIMENSIONS**  
[54] **DEBITMETRE CORIOLIS DE DIMENSIONS REDUITES POUR ECOULEMENTS MASSIQUES IMPORTANTS**  
[72] CRISFIELD, MATTHEW T., US  
[72] MCCARTHY, JOHN RICHARD, US  
[71] MICRO MOTION, INC., US  
[85] 2001-06-21  
[86] 2000-10-17 (PCT/US00/28739)  
[87] 2001-05-10 (WO01/33174)  
[30] US (09/430,052) 1999-10-29

[21] **2,356,285**  
[13] A1

[51] **Int.Cl. 7D02G 3/38**  
[25] EN  
[54] **YARN COVERING APPARATUS AND METHOD**  
[54] **APPAREIL ET PROCEDE DE GUIPAGE DE FIL**  
[72] PATTERSON, THOMAS LESLIE, GB  
[71] ADRIA LIMITED, IE  
[85] 2001-06-21  
[86] 1999-11-30 (PCT/GB99/03977)  
[87] 2000-07-06 (WO00/39375)  
[30] GB (9828291.6) 1998-12-23

[21] **2,356,286**  
[13] A1

[51] **Int.Cl. 7G01N 33/53 7G01N 33/569 7G01N 33/574 7G01N 33/576 7G01N 33/577**  
[25] EN  
[54] **AN ASSAY TO DETECT A BINDING PARTNER**  
[54] **ESSAI POUR LA DETECTION D'UN PARTENAIRE DE LIAISON**  
[72] CHRISTOPHERSON, RICHARD IAN, AU  
[72] DOS REMEDIOS, CRISTOBAL GUILLERMO, AU  
[71] UNIVERSITY OF SYDNEY, AU  
[85] 2001-06-22  
[86] 1999-12-23 (PCT/AU99/01156)  
[87] 2000-07-06 (WO00/39580)  
[30] AU (PP 7916) 1998-12-23  
[30] AU (PQ 0425) 1999-05-18

[21] **2,356,287**  
[13] A1

[51] **Int.Cl. 7G06F 15/80 7G06F 9/38 7G06F 15/78**  
[25] EN  
[54] **A METHOD AND APPARATUS FOR THE EFFICIENT PROCESSING OF DATA-INTENSIVE APPLICATIONS**  
[54] **TRAITEMENT EFFICIENT D'APPLICATIONS EXIGEANTES EN DONNEES ET APPAREIL A CET EFFET**  
[72] DRUMMOND, BRIAN L., GB  
[71] COMPLEX DATA TECHNOLOGIES, INC., US  
[85] 2001-06-20  
[86] 1999-09-23 (PCT/US99/22095)  
[87] 2000-04-06 (WO00/19331)  
[30] US (09/161,168) 1998-09-25

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[21] **2,356,288**  
[13] A1  
[51] **Int.Cl. 7F24F 3/00 7F24F 7/00**  
[25] EN  
[54] **VARIABLE-AIR-VOLUME  
DIFFUSER, ASSEMBLY AND METHOD  
[54] DIFFUSEUR A VOLUME D'AIR  
VARIABLE, ENSEMBLE ET PROCEDE  
Y RELATIF**  
[72] HUNKA, ROBERT S., US  
[72] KLINE, JAMES R., US  
[72] COSTICK, MATTHEW L., US  
[71] ACUTHERM, L.P., US  
[85] 2001-06-21  
[86] 1999-12-13 (PCT/US99/29587)  
[87] 2000-06-29 (WO00/37858)  
[30] US (09/218,370) 1998-12-21

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[21] **2,356,289**  
[13] A1  
[51] **Int.Cl. 7C07F 9/572 7A61P 31/00  
7A61P 33/00 7A01N 57/24 7C07F 9/553  
7C07F 9/59 7C07F 9/62 7C07F 9/6561  
7A61K 31/675**  
[25] EN  
[54] **ORGANOPHOSPHORUS  
COMPOUNDS AND USE THEREOF  
[54] COMPOSES  
ORGANOPHOSPHORIQUES ET LEUR  
UTILISATION**  
[72] JOMAA, HASSAN, DE  
[71] JOMAA PHARMAKA GMBH, DE  
[85] 2001-06-21  
[86] 1999-12-22 (PCT/EP99/10274)  
[87] 2000-06-29 (WO00/37477)  
[30] DE (198 59 426.7) 1998-12-22

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[21] **2,356,290**  
[13] A1  
[51] **Int.Cl. 7C07C 311/58 7C07D 295/08  
7A61K 31/18 7C07D 295/21 7C07C 317/36  
7C07C 335/42 7C07C 311/51 7C07C 311/  
59 7C07C 311/60 7C07C 311/64 7A61K 31/  
64 7C07D 307/66**  
[25] EN  
[54] **BENZENIC SULPHONAMIDE  
DERIVATIVES AND THEIR USES  
[54] DERIVES DE SULFONAMIDES  
BENZENIQUES ET LEURS  
UTILISATIONS**  
[72] DOGNE, JEAN-MICHEL, BE  
[72] MASEREEL, BERNARD, BE  
[72] DELARGE, JACQUES, BE  
[71] UNIVERSITE DE LIEGE, BE  
[85] 2001-06-21  
[86] 2000-01-12 (PCT/EP00/00225)  
[87] 2000-07-20 (WO00/42004)  
[30] BE (9900026) 1999-01-15

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[13] A1  
[51] **Int.Cl. 7A23L 1/30 7A23D 7/00 7A23L  
1/24**  
[25] EN  
[54] **FOOD COMPOSITIONS  
FORTIFIED WITH ANTI-OXIDANTS  
[54] COMPOSITIONS ALIMENTAIRES  
ENRICHIES EN ANTI-OXYDANTS**  
[72] BOOM, STELLA VAN DER, NL  
[72] ZEELLENBERG-MILTENBURG,  
MANON JOHANNA, NL  
[71] UNILEVER PLC, GB  
[85] 2001-06-21  
[86] 1999-12-02 (PCT/EP99/09563)  
[87] 2000-06-29 (WO00/36936)  
[30] EP (98204420.8) 1998-12-22

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[13] A1  
[51] **Int.Cl. 7B01J 20/20 7B01D 53/02**  
[25] EN  
[54] **BROAD SPECTRUM FILTER  
SYSTEM FOR FILTERING  
CONTAMINANTS FROM AIR OR  
OTHER GASES**  
[54] **SYSTEME FILTRANT A SPECTRE  
LARGE POUR LE FILTRAGE DE  
CONTAMINANTS PRESENTS DANS  
L'AIR OU D'AUTRES GAZ**  
[72] HERN, JAMIE A., US  
[72] SMITH, SIMON J., US  
[71] 3M INNOVATIVE PROPERTIES  
COMPANY, US  
[85] 2001-06-21  
[86] 2000-10-06 (PCT/US00/27680)  
[87] 2001-05-03 (WO01/30491)  
[30] US (60/161,331) 1999-10-25  
[30] US (09/576,406) 2000-05-22

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[21] **2,356,293**  
[13] A1  
[51] **Int.Cl. 6H01M 8/10 6C25B 9/00  
6H01M 4/88**  
[25] EN  
[54] **MEMBRANE-ELECTRODE  
ASSEMBLY, AND METHOD OF ITS  
PRODUCTION**  
[54] **ENSEMBLE MEMBRANE-  
ELECTRODE, ET PROCEDE DE  
PRODUCTION CORRESPONDANT**  
[72] LYUBOV, BOBROVA, ES  
[72] VLADIMIR, POREMBSKY, ES  
[72] CADAVAL FERNANDEZ DE  
LECETA, ALFONSO CARLOS, ES  
[72] VLADIMIR, FATEEV, ES  
[72] BLACH VIZOSO, RICARDO, ES  
[72] SERGEI, TIMOFEEV, ES  
[71] DAVID SYSTEMS TECHNOLOGY  
S.L., ES  
[85] 2001-06-21  
[86] 1998-12-22 (PCT/ES98/00351)  
[87] 2000-06-29 (WO00/38261)

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[21] **2,356,294**  
[13] A1  
[51] **Int.Cl. 7A61K 31/675 7A61K 45/00  
7A61P 35/00 7A61P 19/08**  
[25] EN  
[54] **PHARMACEUTICAL  
COMPOSITIONS FOR TREATING  
BONE LESIONS IN MULTIPLE  
MYELOMA**  
[54] **COMPOSITIONS  
PHARMACEUTIQUES SERVANT A  
TRAITER LES LESIONS OSSEUSES  
DANS LE MYELOME MULTIPLE**  
[72] ASANO, HIRONOBU, JP  
[72] TANAKA, SHOHEI, JP  
[72] MATSUKAWA, UTANE, JP  
[71] YAMANOUCHI PHARMACEUTICAL  
CO., LTD., JP  
[85] 2001-06-21  
[86] 1999-12-22 (PCT/JP99/07236)  
[87] 2000-07-06 (WO00/38694)  
[30] JP (10/368699) 1998-12-25

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[21] **2,356,295**  
[13] A1  
[51] **Int.Cl. 7A61F 9/01 7A61B 3/10**  
[25] EN  
[54] **APPARATUS FOR DETERMINING AN AMOUNT OF CORNEAL ABLATION AND SURGICAL APPARATUS FOR A CORNEA**  
[54] **DISPOSITIF POUR DETERMINER LA QUANTITE DE CORNEE A ENLEVER ET DISPOSITIF DE CHIRURGIE CORNEENNE**  
[72] FUJIEDA, MASANAO, JP  
[72] BAN, YUKINOBU, JP  
[72] OYAIZU, MASAHIRO, JP  
[71] NIDEK CO., LTD., JP  
[85] 2001-06-21  
[86] 2000-08-03 (PCT/JP00/05250)  
[87] 2001-04-26 (WO01/28479)  
[30] JP (11/300148) 1999-10-21

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[21] **2,356,296**  
[13] A1  
[51] **Int.Cl. 6B65D 21/02 6B65D 25/04**  
[25] EN  
[54] **COMPARTMENTED CONTAINER**  
[54] **CONTENEUR COMPARTIMENTE**  
[72] BRABSON, HOBERT II, US  
[71] BRABSON, HOBERT II, US  
[85] 2001-06-21  
[86] 1999-02-22 (PCT/US99/03569)  
[87] 2000-06-29 (WO00/37325)  
[30] US (60/113,251) 1998-12-21

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[21] **2,356,297**  
[13] A1  
[51] **Int.Cl. 7A61F 2/16**  
[25] EN  
[54] **CORNEAL IMPLANT AND METHOD OF MANUFACTURE**  
[54] **IMPLANT CORNEEN ET PROCEDE DE FABRICATION ASSOCIE**  
[72] NIGAM, ALOK, US  
[71] ANAMED, INC., US  
[85] 2001-06-21  
[86] 1999-12-22 (PCT/US99/30613)  
[87] 2000-07-06 (WO00/38594)  
[30] US (09/219,594) 1998-12-23

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[21] **2,356,298**  
[13] A1  
[51] **Int.Cl. 7H04L 27/38 7H04L 25/06**  
[25] EN  
[54] **COMPUTER METHOD AND APPARATUS FOR MODEM POINT SLICING**  
[54] **METHODE SUR ORDINATEUR ET APPAREILLAGE DE DECOUPAGE PAR POINT POUR MODEM**  
[72] TANRIKULU, OGUZ, US  
[71] DSP SOFTWARE ENGINEERING, INC., US  
[85] 2001-06-21  
[86] 1999-12-23 (PCT/US99/30896)  
[87] 2000-07-13 (WO00/41374)  
[30] US (09/224,619) 1998-12-31

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[21] **2,356,311**  
[13] A1  
[51] **Int.Cl. 7A61F 5/451**  
[25] EN  
[54] **CONTAINER FOR THE COLLECTION OF BODILY WASTE WITH VISUAL INSPECTION MEANS**  
[54] **CONTENANT PERMETTANT DE RECUEILLIR DES DECHETS CORPORELS ET COMPORTANT UN ORGANE D'INSPECTION VISUELLE**  
[72] THURNAY, EVA SUSANNE DOMINIQUE, IT  
[72] D'ACCHIOLI, VINCENZO, DE  
[72] EVANGELISTA, OLINDO, IT  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-06-20  
[86] 1999-12-21 (PCT/US99/30559)  
[87] 2000-07-13 (WO00/40182)  
[30] EP (99100117.3) 1999-01-04

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[21] **2,356,312**  
[13] A1  
[51] **Int.Cl. 7C03C 17/34 7C03C 17/36**  
[25] EN  
[54] **LOW-EMISSIVITY, SOIL-RESISTANT COATING FOR GLASS SURFACES**  
[54] **REVETEMENT ANTI-SALISSURE A FAIBLE EMESSIVITE POUR SURFACES EN VERRE**  
[72] KRISKO, ANNETTE, US  
[72] PFAFF, GARY, US  
[72] STANEK, ROGER, US  
[72] BOND, BOB, US  
[72] HARTIG, KLAUS, US  
[71] CARDINAL IG COMPANY, US  
[85] 2001-06-20  
[86] 1999-08-06 (PCT/US99/17876)  
[87] 2000-06-29 (WO00/37376)  
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[30] US (PCT/US99/02208) 1999-02-02  
[30] US (60/134,705) 1999-05-18

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[51] **Int.Cl. 7B42D 15/10**  
[25] EN  
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[54] **DOCUMENT POUVANT ETRE ACTIVE ET SYSTEME POUR DOCUMENTS POUVANT ETRE ACTIVES**  
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[72] TOMPKIN, WAYNE ROBERT, CH  
[71] OVD KINEGRAM AG, CH  
[85] 2001-06-20  
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[87] 2000-07-06 (WO00/38932)  
[30] CH (2557/98) 1998-12-24

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[13] A1  
[51] **Int.Cl. 7H02K 3/28 7F03D 9/00 7H02K 1/18 7H02K 1/24**  
[25] EN  
[54] **SYNCHRONISATION SYSTEM**  
[54] **MACHINE SYNCHRONE**  
[72] WOBLEN, ALOYS, DE  
[71] WOBLEN, ALOYS, DE  
[85] 2001-06-20  
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[13] A1  
[51] **Int.Cl. 7G01R 31/04**  
[25] EN  
[54] **DEVICE FOR TESTING CABLES THAT ARE PROVIDED WITH PLUG CONNECTORS**  
[54] **DISPOSITIF PERMETTANT DE TESTER DES CABLES DOTES DE FICHES**  
[72] STENGEL, JURGEN, DE  
[71] TSK PRUFSYSTEME FUR ELEKTRISCHE KOMPONENTEN GMBH, DE  
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[51] **Int.Cl. 7C07D 257/04 7C07C 237/06 7C07C 279/14 7C07D 207/16 7A61K 31/195 7C07D 209/20 7C07C 235/34 7A61K 31/41 7C07C 235/52 7C07C 323/59 7C07D 211/60**  
[25] EN  
[54] **THYROID RECEPTOR LIGANDS**  
[54] **NOUVEAUX LIGANDS DE RECEPTEURS THYROIDIENS ET PROCEDE II**  
[72] HANGELAND, JON J., US  
[72] LI, YI-LIN, SE  
[72] RYONO, DENIS E., US  
[72] ZHANG, MINSHENG, US  
[72] GARG, NEERAJ, SE  
[72] LITTEN, CHRIS, SE  
[72] LIU, YE, SE  
[72] KOEHLER, KONRAD, SE  
[72] GARCIA COLLAZO, ANA MARIA, SE  
[72] CARINGAL, YOLANDA, US  
[72] MALM, JOHAN, SE  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
[71] KARO BIO AB, SE  
[85] 2001-06-20  
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[87] 2000-07-06 (WO00/39077)  
[30] GB (9828442.5) 1998-12-24

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[13] A1  
[51] **Int.Cl. 7G01R 33/28 7G01R 33/38**  
[25] EN  
[54] **MAGNETIC RESONANCE SCANNER WITH ELECTROMAGNETIC POSITION AND ORIENTATION TRACKING DEVICE**  
[54] **SCANNER A RESONANCE MAGNETIQUE DOTE D'UN DISPOSITIF ELECTROMAGNETIQUE DE SUIVI DE POSITION ET D'ORIENTATION**  
[72] JAKAB, PETER D., US  
[71] JAKAB, PETER D., US  
[85] 2001-06-20  
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[87] 2000-06-29 (WO00/37955)  
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[13] A1  
[51] **Int.Cl. 7A61K 7/00**  
[25] EN  
[54] **TOPICAL COMPOSITIONS COMPRISING PROTECTED FUNCTIONAL THIOLS**  
[54] **COMPOSITIONS TOPIQUES COMPRENANT DES THIOLS FONCTIONNELS PROTEGES**  
[72] GLENN, ROBERT WAYNE JR., US  
[72] BLOCK, ERIC, US  
[72] KATRITZKY, ALAN ROY, US  
[72] BUTTS, MATTHEW DAVID, US  
[72] SHAIR, MATTHEW DAVID, US  
[71] GENERAL ELECTRIC COMPANY, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-06-20  
[86] 2000-01-07 (PCT/US00/00444)  
[87] 2000-07-13 (WO00/40210)  
[30] US (60/115,278) 1999-01-08  
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[13] A1  
[51] **Int.Cl. 7C09K 15/32 7C07B 63/04**  
[25] EN  
[54] **METHOD OF STABILISING MONOMERS, IMMOBILIZED RADICAL POLYMERISATION INHIBITORS OR RETARDERS**  
[54] **PROCEDE DE STABILISATION DE MONOMERES, INHIBITEURS OU RETARDATEURS DE POLYMERISATION DE RADICAUX IMMOBILISES**  
[72] MORONI, MARC, FR  
[71] CORNING INCORPORATED, US  
[85] 2001-06-20  
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[87] 2000-06-29 (WO00/37584)  
[30] FR (98/16212) 1998-12-22

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[13] A1  
[51] **Int.Cl. 7A61F 13/02**  
[25] EN  
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[54] **PANSEMENT MULTICOUCHE**  
[72] GRIFFITHS, BRYAN, GB  
[72] JACQUES, ELIZABETH, GB  
[72] LYDON, MICHAEL J., GB  
[72] BISHOP, STEPHEN M., GB  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
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[30] GB (9900348.5) 1999-01-09

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[13] A1  
[51] **Int.Cl. 7A61K 7/00 7A61K 9/107 7A61K 7/48**  
[25] FR  
[54] **EMULSION HUILE-DANS-EAU COMPRENANT UN AGENT BIOLOGIQUEMENT ACTIF MICRONISE ET UN SYSTEME EMULSIONNANT APPROPRIE**  
[54] **OIL-IN-WATER EMULSION COMPRISING A MICRONISED BIOLOGICALLY ACTIVE AGENT AND AN APPROPRIATE EMULSIFIER SYSTEM**  
[72] PREUILH, ISABELLE, FR  
[72] SEGURA, SANDRINE, FR  
[71] GALDERMA RESEARCH & DEVELOPMENT, S.N.C., FR  
[85] 2001-06-12  
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[87] 2000-06-29 (WO00/37027)  
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[13] A1  
[51] **Int.Cl. 7C21C 7/04 7C22B 9/05 7C22B 9/10 7C21C 5/52**  
[25] FR  
[54] **PROCEDE DE DENITRURATION DE L'ACIER EN FUSION EN COURS D'ELABORATION**  
[54] **METHOD FOR DENITRIDING MOLTEN STEEL DURING ITS PRODUCTION**  
[72] PERNET, DANIEL, FR  
[72] MAILHAN, JEAN-CHRISTOPHE, FR  
[71] USINOR, FR  
[85] 2001-06-14  
[86] 1999-12-17 (PCT/FR99/03176)  
[87] 2000-06-29 (WO00/37688)  
[30] FR (98/16082) 1998-12-18

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[13] A1  
[51] **Int.Cl. 7C22B 21/06 7C04B 38/00 7C22B 9/02**  
[25] FR  
[54] **PROCEDE AMELIORE DE FILTRATION DE METAL LIQUIDE SUR UN LIT DE MATERIAU PARTICULAIRE REFRACTAIRE**  
[54] **IMPROVED METHOD FOR FILTERING A METAL LIQUID ON A BED OF REFRACTORY PARTICULATE MATERIAL**  
[72] DUBUS, ALAIN, FR  
[72] LESCUYER, HERVE, FR  
[71] ALUMINIUM PECHINEY, FR  
[71] PECHINEY RHENALU, FR  
[85] 2001-06-14  
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[30] FR (98/16389) 1998-12-21

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[13] A1  
[51] **Int.Cl. 7C12N 7/02**  
[25] FR  
[54] **METHODE DE SEPARATION DE PARTICULES VIRALES**  
[54] **METHOD FOR SEPARATING VIRAL PARTICLES**  
[72] BARBOT, ANNE, FR  
[72] BLANCHE, FRANCIS, FR  
[72] CAMERON, BEATRICE, FR  
[71] AVENTIS PHARMA S.A., FR  
[85] 2001-06-18  
[86] 1999-12-30 (PCT/FR99/03315)  
[87] 2000-07-13 (WO00/40702)  
[30] FR (98/16737) 1998-12-31  
[30] US (60/119,948) 1999-02-12

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[13] A1  
[51] **Int.Cl. 7C08K 3/36 7C08L 83/04 7C08K 9/06**  
[25] FR  
[54] **PROCEDE DE PREPARATION D'UNE SUSPENSION DE SILICE DANS UNE MATRICE SILICONE RETICULABLE PAR POLYCONDENSATION POUR FORMER DES ELASTOMERES**  
[54] **METHOD FOR PREPARING A SILICA SUSPENSION IN A SILICONE MATRIX CROSSLINKABLE BY POLYCONDENSATION TO FORM ELASTOMERS**  
[72] POUCHELON, ALAIN, FR  
[72] HOWE, FABIENNE, FR  
[72] CANPONT, DOMINIQUE, FR  
[71] RHODIA CHIMIE, FR  
[85] 2001-06-18  
[86] 1999-12-21 (PCT/FR99/03212)  
[87] 2000-06-29 (WO00/37549)  
[30] FR (98/16467) 1998-12-22

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[13] A1  
[51] **Int.Cl. 7C08G 69/18 7C08G 69/04 7C08G 69/28**  
[25] FR  
[54] **PROCEDE DE FABRICATION DE POLYAMIDES**  
[54] **METHOD FOR MAKING POLYAMIDE**  
[72] KAYSER, DOMINIQUE, FR  
[72] VARLET, JOEL, FR  
[72] THIERRY, JEAN-FRANCOIS, FR  
[71] RHODIANYL, FR  
[85] 2001-06-18  
[86] 1999-12-21 (PCT/FR99/03233)  
[87] 2000-07-06 (WO00/39193)  
[30] FR (98/16588) 1998-12-23

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[21] **2,356,376**  
[13] A1  
[51] **Int.Cl. 7H03D 1/18**  
[25] FR  
[54] **DISPOSITIF DE DEMODULATION D'UN SIGNAL MODULE EN AMPLITUDE**  
[54] **DEVICE FOR DEMODULATING AN AMPLITUDE-MODULATED SIGNAL**  
[72] MORAND, SEBASTIEN, FR  
[71] ASK S.A., FR  
[85] 2001-06-19  
[86] 2000-10-26 (PCT/FR00/02982)  
[87] 2001-05-03 (WO01/31776)  
[30] FR (99/13852) 1999-10-28



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[13] A1

[51] **Int.Cl. 7H01Q 1/22 7H01Q 1/38**  
[25] FR  
[54] **ANTENNE DE COUPLAGE A INDUCTANCE ELEVEE**  
[54] **COUPLING ANTENNA WITH HIGH INDUCTANCE**  
[72] BOYADJIAN, THIERRY, FR  
[72] MATHIEU, CHRISTOPHE, FR  
[71] ASK S.A., FR  
[85] 2001-06-19  
[86] 2000-10-26 (PCT/FR00/02983)  
[87] 2001-05-03 (WO01/31731)  
[30] FR (99/13851) 1999-10-28

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[13] A1

[51] **Int.Cl. 7B01J 27/26 7B01J 31/24**  
[25] FR  
[54] **PROCEDE DE FABRICATION D'UN CATALYSEUR D'HYDROCYANATION**  
[54] **METHOD FOR MAKING A HYDROCYANATION CATALYST**  
[72] BURATTIN, PAOLO, FR  
[72] HUSER, MARC, FR  
[72] COQUERET, PIERRE, FR  
[71] RHODIA POLYAMIDE INTERMEDIATES, FR  
[85] 2001-06-20  
[86] 1999-12-21 (PCT/FR99/03232)  
[87] 2000-06-29 (WO00/37174)  
[30] FR (98/16469) 1998-12-22

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[13] A1

[51] **Int.Cl. 7C07C 253/10**  
[25] FR  
[54] **PROCEDE D'HYDROCYANATION DE COMPOSES ORGANIQUES A INSATURATIONS ETHYLENIQUES**  
[54] **HYDROCYANATION METHOD FOR ETHYLENICALLY UNSATURATED ORGANIC COMPOUNDS**  
[72] HUSER, MARC, FR  
[72] COQUERET, PIERRE, FR  
[72] BURATTIN, PAOLO, FR  
[71] RHODIA POLYAMIDE INTERMEDIATES, FR  
[85] 2001-06-20  
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[87] 2000-06-29 (WO00/37431)  
[30] FR (98/16468) 1998-12-22

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[13] A1

[51] **Int.Cl. 7H01C 7/18**  
[25] FR  
[54] **PARAFOUDRE PERFECTIONNE A BASE DE VARISTANCES ELECTRIQUES**  
[54] **IMPROVED LIGHTNING ARRESTOR BASED ON ELECTRICAL VARISTORS**  
[72] MERCIER, DOMINIQUE, FR  
[72] HASSANZADEH, MEHRDAD, FR  
[72] MALPIECE, FREDERIC, FR  
[71] ALSTOM, FR  
[85] 2001-06-20  
[86] 2000-10-20 (PCT/FR00/02930)  
[87] 2001-05-03 (WO01/31661)  
[30] FR (99/13270) 1999-10-25

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[21] **2,356,384**  
[13] A1

[51] **Int.Cl. 7G06F 9/44 7G06N 5/04**  
[25] FR  
[54] **MODELE ET PROCEDE D'IMPLEMENTATION D'UN AGENT RATIONNEL DIALOGANT, SERVEUR ET SYSTEME MULTI-AGENT POUR LA MISE EN OEUVRE**  
[54] **MODEL AND METHOD FOR USING AN INTERACTIVE RATIONAL AGENT, MULTIAGENT SERVER AND SYSTEM IMPLEMENTING SAME**  
[72] BRETIER, PHILIPPE, FR  
[72] PANAGET, FRANCK, FR  
[72] SADEK, DAVID, FR  
[71] FRANCE TELECOM, FR  
[85] 2001-06-20  
[86] 1999-12-21 (PCT/FR99/03242)  
[87] 2000-07-06 (WO00/39672)  
[30] FR (98/16374) 1998-12-23

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[13] A1

[51] **Int.Cl. 7A61K 47/48**  
[25] EN  
[54] **ANTHRAQUINONE ANTICANCER DRUGS**  
[54] **MEDICAMENTS ANTICANCEREUX A BASE D'ANTHRAQUINONE**  
[72] POTTER, GERARD ANDREW, GB  
[72] TEESDALE-SPITTLE, PAUL, GB  
[72] PANIWYNK, ZENNIA, GB  
[72] PATTERSON, LAURENCE HYLTON, GB  
[71] DE MONTFORT UNIVERSITY, GB  
[85] 2001-06-15  
[86] 1999-12-09 (PCT/GB99/04158)  
[87] 2000-07-06 (WO00/38734)  
[30] GB (9828670.1) 1998-12-24

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[13] A1

[51] **Int.Cl. 7C12N 15/62 7A61K 48/00 7C07K 19/00 7A61P 3/04 7C12N 5/10 7C12N 15/16 7A61K 38/22 7C07K 14/575**  
[25] EN  
[54] **EXPRESSION AND EXPORT OF ANTI-OBESITY PROTEINS AS FC FUSION PROTEINS**  
[54] **EXPRESSION ET EXPORTATION DE PROTEINES ANTI-OBESITE SOUS FORME DE PROTEINES HYBRIDE FC**  
[72] LO, KIN-MING, US  
[72] GILLIES, STEPHEN D., US  
[72] ZHANG, JINYANG, US  
[71] LEXIGEN PHARMACEUTICALS, CORP., US  
[85] 2001-06-21  
[86] 2000-01-07 (PCT/US00/00352)  
[87] 2000-07-13 (WO00/40615)  
[30] US (60/115,079) 1999-01-07

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[13] A1

[51] **Int.Cl. 7A61K 41/00 7A61P 35/00 7A61K 45/06**  
[25] EN  
[54] **USE OF A MATRIX METALLOPROTEINASE INHIBITOR AND AN INTEGRIN ANTAGONIST IN THE TREATMENT OF NEOPLASIA**  
[54] **TECHNIQUES PERMETTANT D'UTILISER UN INHIBITEUR MATRICIEL DE LA METALLOPROTEINASE ET UN ANTAGONISTE DE L'INTEGRINE POUR TRAITER LES MALADIES NEOPLASIQUES**  
[72] MASFERRER, JAIME L., US  
[72] KOKI, ALANE T., US  
[72] GORDON, GARY, US  
[72] CUNNINGHAM, JAMES J., US  
[72] GATELY, STEPHEN T., US  
[72] MCKEARN, JOHN P., US  
[71] G.D. SEARLE & CO., US  
[85] 2001-06-22  
[86] 1999-12-22 (PCT/US99/30700)  
[87] 2000-07-06 (WO00/38719)  
[30] US (60/113,786) 1998-12-23

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[13] A1

[51] **Int.Cl. 7A61K 38/57 7A61P 11/12**  
[25] EN  
[54] **METHOD FOR ACCELERATING THE RATE OF MUCOCILIARY CLEARANCE**  
[54] **TECHNIQUE PERMETTANT D'ACCELERER LE DEBIT DE CLAIRANCE MUCOCILIAIRE**  
[72] POLL, CHRISTOPHER T., GB  
[72] TAYLOR, WILLIAM J. A., GB  
[72] NEWTON, BENJAMIN B., GB  
[72] HALL, RODERICK L., GB  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2001-06-19  
[86] 1999-12-22 (PCT/GB99/04381)  
[87] 2000-06-29 (WO00/37099)  
[30] US (09/218,913) 1998-12-22  
[30] US (09/441,966) 1999-11-17

[21] **2,356,412**  
[13] A1

[51] **Int.Cl. 7C12N 15/16 7A61K 45/00 7A61P 3/04 7A61P 15/06 7C07K 7/08 7A61P 3/10 7C07K 14/68**  
[25] EN  
[54] **SCREENING METHOD**  
[54] **METHODE D'ANALYSE**  
[72] SUZUKI, NOBUHIRO, JP  
[72] KITADA, CHIEKO, JP  
[72] ISHIBASHI, YOSHIHIRO, JP  
[72] TAKEKAWA, SHIRO, JP  
[72] SUGO, TSUKASA, JP  
[72] SHIMOMURA, YUKIO, JP  
[72] MORI, MASAOKI, JP  
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP  
[85] 2001-06-26  
[86] 1999-12-27 (PCT/JP99/07336)  
[87] 2000-07-13 (WO00/40725)  
[30] JP (10/374454) 1998-12-28  
[30] JP (11/122688) 1999-04-28  
[30] JP (11/249300) 1999-09-02

[21] **2,356,422**  
[13] A1

[51] **Int.Cl. 7A61K 45/06 7A61P 9/00**  
[25] EN  
[54] **COMBINATIONS OF ILEAL BILE ACID TRANSPORT INHIBITORS AND CHOLESTERYL ESTER TRANSFER PROTEIN INHIBITORS FOR CARDIOVASCULAR INDICATIONS**  
[54] **COMBINAISONS D'INHIBITEURS DE TRANSPORT DE L'ACIDE BILIAIRE ILEAL ET D'INHIBITEURS DE LA PROTEINE DE TRANSFERT DE L'ESTER DE CHOLESTERYLE UTILISEES DANS LE CADRE DE MALADIES CARDIO-VASCULAIRES**  
[72] SMITH, MARK E., US  
[72] SCHUH, JOSEPH R., US  
[72] GLENN, KEVIN C., US  
[72] SIKORSKI, JAMES A., US  
[72] CONNOLLY, DANIEL T., US  
[72] KELLER, BRADLEY T., US  
[71] G.D. SEARLE LLC, US  
[85] 2001-06-20  
[86] 1999-12-17 (PCT/US99/27947)  
[87] 2000-07-06 (WO00/38726)  
[30] US (60/113,955) 1998-12-23  
[30] US (60/143,047) 1999-07-07

[21] **2,356,423**  
[13] A1

[51] **Int.Cl. 6B23Q 11/10 6B23Q 11/00**  
[25] EN  
[54] **LIQUID COOLANT NOZZLE FOR MACHINE TOOL**  
[54] **BUSE A REFRIGERANT LIQUIDE POUR MACHINE OUTIL**  
[72] NAKAI, YOSHIKAZU, JP  
[71] ZETA HEIWA LTD., JP  
[85] 2001-06-26  
[86] 1998-12-28 (PCT/JP98/05997)  
[87] 2000-07-13 (WO00/40366)

[21] **2,356,424**  
[13] A1

[51] **Int.Cl. 7C12N 15/15 7A61P 7/02 7C07H 21/04 7A23J 1/04 7C12N 1/19 7C12N 1/21 7A61K 38/55 7A61K 38/57 7C12N 15/66 7C12N 15/70 7C12N 15/74 7C12N 15/79 7C07K 14/81 7C12N 15/81**  
[25] EN  
[54] **SERINE PROTEASE INHIBITOR**  
[54] **INHIBITEUR DE SERINE PROTEASE**  
[72] SCOTTI, PAUL DOUGLAS, NZ  
[72] DEARING, SALLY CAROLINE, NZ  
[72] NEWCOMB, RICHARD DAVID, NZ  
[72] GREENWOOD, DAVID ROGER, NZ  
[71] THE HORTICULTURE AND FOOD RESEARCH INSTITUTE OF NEW ZEALAND LIMITED, NZ  
[85] 2001-06-21  
[86] 1999-12-23 (PCT/NZ99/00227)  
[87] 2000-07-06 (WO00/39165)  
[30] NZ (333568) 1998-12-23  
[30] NZ (336906) 1999-07-23

[21] **2,356,425**  
[13] A1

[51] **Int.Cl. 7F23C 11/04 7E21B 36/02 7F04F 1/16**  
[25] EN  
[54] **PULSED COMBUSTION DEVICE AND METHOD**  
[54] **DISPOSITIF A COMBUSTION PULSEE ET PROCEDE ASSOCIE**  
[72] DE BOER, WILHELMUS PETRUS HENRICUS, NL  
[72] PETERS, MARINUS CAROLUS ADRIANUS MARIA, NL  
[71] SHELL CANADA LIMITED, CA  
[85] 2001-06-26  
[86] 1999-12-29 (PCT/EP99/10499)  
[87] 2000-07-13 (WO00/40898)  
[30] EP (98310784.8) 1998-12-30

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[21] **2,356,426**  
[13] A1

[51] **Int.Cl. 7A61K 45/06 7A61K 41/00 7A61P 35/00**  
[25] EN  
[54] **METHOD OF USING A CYCLOOXYGENASE-2 INHIBITOR AND A MATRIX METALLOPROTEINASE INHIBITOR AS A COMBINATION THERAPY IN THE TREATMENT OF NEOPLASIA**  
[54] **PROCEDE D'UTILISATION D'UN INHIBITEUR DE CYCLOOXYGENASE-2 ET D'UN INHIBITEUR DE METALLOPROTEINASE MATRICIELLE EN TANT QUE THERAPIE COMBINEE DANS LE TRAITEMENT DE LA NEOPLASIE**  
[72] CUNNINGHAM, JAMES J., US  
[72] GATELY, STEPHEN T., US  
[72] MASFERRER, JAIME L., US  
[72] KOKI, ALANE T., US  
[72] GORDON, GARY, US  
[72] MCKEARN, JOHN P., US  
[71] G.D. SEARLE & CO., US  
[85] 2001-06-22  
[86] 1999-12-22 (PCT/US99/30776)  
[87] 2000-06-29 (WO00/37107)  
[30] US (60/113,786) 1998-12-23

[21] **2,356,427**  
[13] A1

[51] **Int.Cl. 7H03F 1/22**  
[25] EN  
[54] **BROADBAND AMPLIFICATION WITH HIGH LINEARITY AND LOW POWER CONSUMPTION**  
[54] **AMPLIFICATION LARGE BANDE A HAUTE LINEARITE ET A FAIBLE CONSOMMATION DE PUISSANCE**  
[72] HAGERAATS, JOHANNES J. E. M., US  
[71] MAXIM INTEGRATED PRODUCTS, US  
[85] 2001-06-26  
[86] 2000-01-27 (PCT/US00/02393)  
[87] 2000-08-03 (WO00/45505)  
[30] US (09/239,445) 1999-01-28

[21] **2,356,431**  
[13] A1

[51] **Int.Cl. 7A61N 1/362**  
[25] EN  
[54] **AV SYNCHRONOUS CARDIAC PACING SYSTEM DELIVERING MULTI-SITE VENTRICULAR PACING TRIGGERED BY A VENTRICULAR SENSE EVENT DURING THE AV DELAY**  
[54] **STIMULATEUR CARDIAQUE SYNCHRONE AURICULO-VENTRICULAIRE ADMINISTRANT UNE STIMULATION VENTRICULAIRE MULTI-SITE DECLENCHEE PAR UN EVENEMENT DE SONDE VENTRICULAIRE PENDANT LE RETARD AURICULO-VENTRICULAIRE**  
[72] JURAN, CARLEEN J., US  
[72] KLECKNER, KAREN J., US  
[72] YERICH, CHARLES G., US  
[71] MEDTRONIC, INC., US  
[85] 2001-06-26  
[86] 2000-10-27 (PCT/US00/29889)  
[87] 2001-05-25 (WO01/36043)  
[30] US (09/439,243) 1999-11-12

[21] **2,356,432**  
[13] A1

[51] **Int.Cl. 7D21G 1/00 7D21G 1/02**  
[25] EN  
[54] **HEATING OF CALENDER ROLL SURFACES**  
[54] **CHAUFFAGE PAR INDUCTION DE SURFACES DE ROULEAUX DE CALANDRE**  
[72] DOWNING, DANIEL RAY, US  
[72] REESE, DAVID THOMAS, US  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[85] 2001-06-26  
[86] 1998-12-30 (PCT/US98/27727)  
[87] 2000-07-13 (WO00/40798)

[21] **2,356,434**  
[13] A1

[51] **Int.Cl. 7C12N 5/08 7A61K 39/00 7A61P 37/02 7A61K 35/12 7A61K 35/28**  
[25] EN  
[54] **NON-MYELOABLATIVE TOLEROGENIC TREATMENT**  
[54] **TRAITEMENT TOLEROGENIQUE NON MYELOABLATIF**  
[72] PRIGOZHINA, TATYANA, IL  
[72] SLAVIN, SHIMON, IL  
[71] HADASIT MEDICAL RESEARCH SERVICES & DEVELOPMENT COMPANY LTD., IL  
[71] BAXTER INTERNATIONAL INC., US  
[85] 2001-06-26  
[86] 1999-12-23 (PCT/US99/30704)  
[87] 2000-07-13 (WO00/40701)  
[30] US (09/222,011) 1998-12-31

[21] **2,356,440**  
[13] A1

[51] **Int.Cl. 7A61K 38/55 7A61M 1/14**  
[25] EN  
[54] **NEW DIALYSIS METHOD**  
[54] **NOUVEAU PROCEDE DE DIALYSE**  
[72] FAGER, GUNNAR, SE  
[71] ASTRAZENECA AB, SE  
[85] 2001-06-26  
[86] 2000-01-11 (PCT/SE00/00030)  
[87] 2000-07-20 (WO00/41715)  
[30] SE (9900043-2) 1999-01-11

[21] **2,356,442**  
[13] A1

[51] **Int.Cl. 7G01R 33/465 7G01N 33/48**  
[25] EN  
[54] **NMR SPECTROSCOPIC IN VITRO ASSAY USING HYPERPOLARIZATION**  
[54] **ESSAI IN VITRO RECOURANT A LA SPECTROSCOPIE RMN UTILISANT L'HYPERPOLARISATION**  
[72] COOK, NEIL, GB  
[72] KNOX, PETER, GB  
[72] GOLMAN, KLAES, SE  
[72] JOHANNESON, HAUKUR, SE  
[72] AXELSSON, OKSAR, SE  
[72] ARDENKJAER-LARSEN, JAN HENRIK, SE  
[71] NYCOMED AMERSHAM PLC, GB  
[85] 2001-06-26  
[86] 1999-12-23 (PCT/GB99/04410)  
[87] 2000-07-13 (WO00/40988)  
[30] GB (9828852.5) 1998-12-30  
[30] GB (9918096.0) 1999-08-02

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<p style="text-align: right;">[21] <b>2,356,443</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06K 11/14</b> [25] EN [54] <b>ACOUSTIC TOUCHSCREEN CONSTRUCTED DIRECTLY ON A CATHODE RAY TUBE</b> [54] <b>ECRAN TACTILE ACOUSTIQUE CONSTRUIT DIRECTEMENT SUR UN TUBE CATHODIQUE</b> [72] RONEY, JAMES, US [72] KENT, JOEL, US [72] ARMSTRONG, DONALD B., US [71] ELO TOUCHSYSTEMS, INC., US [85] 2001-06-26 [86] 2000-03-17 (PCT/US00/07212) [87] 2000-10-05 (WO00/58906) [30] US (09/277,571) 1999-03-26</p>	<p style="text-align: right;">[21] <b>2,356,447</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/70 7C07H 19/16</b> [25] EN [54] <b>USE OF ADENOSINE AGONISTS IN CANCER THERAPY</b> [54] <b>UTILISATION D'AGONISTES D'ADENOSINE DANS LE TRAITEMENT DU CANCER</b> [72] COHN, ILAN, IL [72] FISHMAN, PNINA, IL [71] CAN-FITE BIOPHARMA LTD., IL [85] 2001-06-22 [86] 2000-01-07 (PCT/IL00/00014) [87] 2000-07-13 (WO00/40251) [30] IL (127947) 1999-01-07</p>	<p style="text-align: right;">[21] <b>2,356,454</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 47/48 7A61P 25/00 7A61P 25/04</b> [25] EN [54] <b>COMPOUNDS FOR INTRACELLULAR DELIVERY OF THERAPEUTIC MOIETIES TO NERVE CELLS</b> [54] <b>COMPOSES D'APPORT INTRACELLULAIRE DE GROUPES CARACTERISTIQUES THERAPEUTIQUES A DES CELLULES NERVEUSES</b> [72] WEBB, ROBERT R., US [72] MCKEE, CONSTANCE A., US [71] XAVOS, US [85] 2001-06-20 [86] 1999-11-29 (PCT/US99/28211) [87] 2000-06-29 (WO00/37103) [30] US (09/217,037) 1998-12-21</p>
<p style="text-align: right;">[21] <b>2,356,444</b> [13] A1</p> <p>[51] <b>Int.Cl. 7D21C 3/02 7D21C 11/12</b> [25] EN [54] <b>PROCESS FOR OXYGEN PULPING OF LIGNOCELLULOSIC MATERIAL AND RECOVERY OF PULPING CHEMICALS</b> [54] <b>PROCEDE DE CUISSON A L'OXYGENE DE MATERIAU LIGNOCELLULOSIQUE ET DE RECUPERATION D'AGENTS CHIMIQUES DE CUISSON</b> [72] STIGSSON, LARS, SE [71] KIRAM AB, SE [85] 2001-06-26 [86] 2000-02-14 (PCT/SE00/00288) [87] 2000-08-17 (WO00/47812) [30] SE (PCT/SE99/00191) 1999-02-15</p>	<p style="text-align: right;">[21] <b>2,356,452</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 39/00</b> [25] EN [54] <b>COMPOSITIONS AND METHODS FOR REDUCING OR PREVENTING FERTILIZATION IN FISH AND BIRDS</b> [54] <b>COMPOSITIONS ET PROCEDES POUR REDUIRE OU PREVENIR LA FERTILISATION CHEZ DES POISSONS ET DES OISEAUX</b> [72] POHAJDAK, BILL, CA [72] HORROCKS, JANET, GB [72] BROWN, ROBERT, CA [72] MACLAREN, LESLIE, CA [71] DALHOUSIE UNIVERSITY, CA [85] 2001-06-21 [86] 1999-12-22 (PCT/CA99/01225) [87] 2000-06-29 (WO00/37100) [30] US (60/113,526) 1998-12-22</p>	<p style="text-align: right;">[21] <b>2,356,458</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/82</b> [25] EN [54] <b>PLASTID TRANSFORMATION OF BRASSICA</b> [54] <b>TRANSFORMATION DES PLASTES CHEZ LES BRASSICA</b> [72] OAKES, JANETTE V., US [72] CHAUDHURI, SUMITA, US [71] CALGENE, LLC, US [85] 2001-06-21 [86] 1999-12-17 (PCT/US99/30183) [87] 2000-07-06 (WO00/39313) [30] US (09/220,557) 1998-12-23</p>
<p style="text-align: right;">[21] <b>2,356,446</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/52 7C12N 9/00 7C12P 13/08</b> [25] EN [54] <b>PYRUVATE CARBOXYLASE FROM CORYNEBACTERIUM GLUTAMICUM</b> [54] <b>PYRUVATE CARBOXYLASE PROVENANT DE CORYNEBACTERIUM GLUTAMICUM</b> [72] SINSKEY, ANTHONY J., US [72] LESSARD, PHILIP A., US [72] WILLIS, LAURA B., US [71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US [85] 2001-06-19 [86] 1998-12-23 (PCT/US98/27301) [87] 2000-07-06 (WO00/39305)</p>	<p style="text-align: right;">[21] <b>2,356,453</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/47 6C07D 215/12 6C07D 277/22 6A61K 31/425</b> [25] EN [54] <b>ANTI-HIV INFECTION AGENTS AND METHOD FOR TREATING HIV INFECTION</b> [54] <b>AGENTS DE LUTTE CONTRE LES INFECTIONS A VIH ET PROCEDE DE TRAITEMENT D'UNE INFECTION A VIH</b> [72] NIIYAMA TAKEHIRO, JP [72] TSUBOI SATOSHI, JP [72] NAKAGAWA, YOSHINORI, JP [71] KABUSHIKI KAISHA HAYASHIBARA SEIBUTSU KAGAKU KENKYUJO, JP [85] 2001-06-22 [86] 1998-12-24 (PCT/JP98/05925) [87] 2000-07-06 (WO00/38682)</p>	

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[21] **2,356,459**  
[13] A1

[51] **Int.Cl. 7A61K 41/00 7A61P 35/00**  
[25] EN  
[54] **USE OF A MATRIX METALLOPROTEINASE INHIBITOR AND RADIATION AS A COMBINED TREATMENT OF NEOPLASIA**  
[54] **TECHNIQUES PERMETTANT D'UTILISER UN INHIBITEUR MATRICIEL DE LA METALLOPROTEINASE ET LA RADIOTHERAPIE COMME THERAPIE COMBINEE POUR TRAITER LES MALADIES NEOPLASIQUES**  
[72] GORDON, GARY, US  
[72] GATELY, STEPHEN T., US  
[72] CUNNINGHAM, JAMES J., US  
[72] KOKI, ALANE T., US  
[72] MASFERRER, JAIME L., US  
[72] MCKEARN, JOHN P., US  
[71] G.D. SEARLE & CO., US  
[85] 2001-06-22  
[86] 1999-12-22 (PCT/US99/30676)  
[87] 2000-07-06 (WO00/38717)  
[30] US (60/113,786) 1998-12-23

[21] **2,356,460**  
[13] A1

[51] **Int.Cl. 7C12N 9/00 7A61K 31/44**  
[25] EN  
[54] **COMPOUNDS, METHODS OF SCREENING AND METHODS OF TREATMENT FOR CENTRAL AND PERIPHERAL NERVOUS SYSTEM DISORDERS**  
[54] **COMPOSITIONS, TECHNIQUES DE DEPISTAGE ET METHODES DE TRAITEMENT DE TROUBLES DES SYSTEMES NERVEUX CENTRAL ET PERIPHERIQUE**  
[72] HOCHMAN, DARYL, US  
[71] CYTOSCAN SCIENCES L.L.C., US  
[85] 2001-06-22  
[86] 1999-12-22 (PCT/US99/30806)  
[87] 2000-06-29 (WO00/37616)  
[30] US (60/113,620) 1998-12-23  
[30] US (09/326,244) 1999-06-04

[21] **2,356,462**  
[13] A1

[51] **Int.Cl. 7A61K 45/06 7A61K 41/00 7A61P 35/00**  
[25] EN  
[54] **USE OF AN INTEGRIN ANTAGONIST AND ONE OR MORE ANTINEOPLASTIC AGENTS AS A COMBINATION THERAPY IN THE TREATMENT OF NEOPLASIA**  
[54] **TECHNIQUES PERMETTANT D'UTILISER UN ANTAGONISTE DE L'INTEGRINE ET UN OU PLUSIEURS AGENTS ANTINEOPLASIQUES COMME THERAPIE COMBINEE POUR TRAITER LES MALADIES NEOPLASIQUES**  
[72] GATELY, STEPHEN T., US  
[72] CUNNINGHAM, JAMES J., US  
[72] GORDON, GARY, US  
[72] MCKEARN, JOHN P., US  
[72] MASFERRER, JAIME L., US  
[72] KOKI, ALANE T., US  
[71] G.D. SEARLE & CO., US  
[85] 2001-06-22  
[86] 1999-12-22 (PCT/US99/30670)  
[87] 2000-07-06 (WO00/38665)  
[30] US (60/113,786) 1998-12-23

[21] **2,356,475**  
[13] A1

[51] **Int.Cl. 7A61K 39/118 7A61P 31/04**  
[25] EN  
[54] **METHOD FOR PRODUCING AUTOGENOUS VACCINES FOR TREATING CHLAMYDIAL INFECTIONS IN MAMMALS AND HUMANS**  
[54] **PRODUCTION D'AUTOVACCINS PERMETTANT DE TRAITER LES CHLAMYDIOSSES CHEZ LES MAMMIFERES ET CHEZ L'HOMME**  
[72] SONNTAG, HANS-GUNTER, DE  
[72] WEISS, HANNELORE, DE  
[72] NOLTE, OLIVER, DE  
[72] WEISS, HANS-ERICH, DE  
[71] SONNTAG, HANS-GUNTER, DE  
[71] WEISS, HANNELORE, DE  
[71] NOLTE, OLIVER, DE  
[71] WEISS, HANS-ERICH, DE  
[85] 2001-06-26  
[86] 1999-12-16 (PCT/EP99/09993)  
[87] 2000-07-06 (WO00/38712)  
[30] DE (198 60 438.6) 1998-12-28

[21] **2,356,532**  
[13] A1

[51] **Int.Cl. 7A61K 41/00**  
[25] EN  
[54] **NONINVASIVE VASCULAR THERAPY**  
[54] **THERAPIE VASCULAIRE NON INVASIVE**  
[72] CHEN, JAMES, US  
[71] LIGHT SCIENCES CORPORATION, US  
[85] 2001-06-26  
[86] 2000-01-14 (PCT/US00/00852)  
[87] 2000-07-20 (WO00/41726)  
[30] US (60/116,235) 1999-01-15

[21] **2,356,539**  
[13] A1

[51] **Int.Cl. 7A61K 31/56**  
[25] EN  
[54] **USE OF 17-KETOSTEROID COMPOUNDS AND DERIVATIVES, METABOLITES AND PRECURSORS THEREOF IN THE TREATMENT OF MALARIA AND THE TREATMENT OF AFRICAN AND AMERICAN TRYPANOSOMIASIS**  
[54] **UTILISATION DE COMPOSES 17-CETOSTEROIDES ET DE LEURS DERIVES, METABOLITES ET PRECURSEURS POUR LE TRAITEMENT DU PALUDISME ET LE TRAITEMENT DE LA TRYPANOSOMOSE AFRICAINE OU AMERICAINE**  
[72] AHLEM, CLARENCE NATHANIEL, US  
[72] PRENDERGAST, PATRICK T., IE  
[72] FRINCKE, JAMES MARTIN, US  
[71] HOLLIS-EDEN PHARMACEUTICALS, INC., US  
[85] 2001-05-23  
[86] 1999-11-24 (PCT/US99/28079)  
[87] 2000-06-08 (WO00/32201)  
[30] US (60/109,923) 1998-11-24  
[30] US (60/124,087) 1999-03-11  
[30] US (60/126,056) 1999-03-23

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[21] **2,356,542**  
[13] A1  
[51] **Int.Cl. 7G01N 33/53 7A61K 39/00 7C07K 1/00 7C07K 16/00 7C12N 15/00 7C07H 21/02 7C12P 21/06 7G01N 33/48**  
[25] EN  
[54] **PEPTIDOGLYCAN RECOGNITION PROTEINS**  
[54] **PROTEINES DE RECONNAISSANCE DE PEPTIDOGLYCANE**  
[72] ROSEN, CRAIG A., US  
[72] RUBEN, STEVEN M., US  
[72] YOUNG, PAUL E., US  
[72] OLSEN, HENRIK S., US  
[71] HUMAN GENOME SCIENCES, INC., US  
[85] 2001-06-21  
[86] 1999-12-22 (PCT/US99/30736)  
[87] 2000-07-06 (WO00/39327)  
[30] US (60/113,809) 1998-12-23

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[21] **2,356,547**  
[13] A1  
[51] **Int.Cl. 7A61K 41/00 7A61P 35/00**  
[25] EN  
[54] **COMBINATION THERAPY OF RADIATION AND A COX-2 INHIBITOR FOR THE TREATMENT OF NEOPLASIA**  
[54] **THERAPIE COMBINANT LA RADIOTHERAPIE ET UN INHIBITEUR DE LA CYCLOOXYGENASE-2 PERMETTANT DE TRAITER LES MALADIES NEOPLASIQUES**  
[72] MASFERRER, JAIME L., US  
[72] MILAS, LUKA, US  
[72] MCKEARN, JOHN P., US  
[71] G.D. SEARLE & CO., US  
[85] 2001-06-22  
[86] 1999-12-22 (PCT/US99/30669)  
[87] 2000-07-06 (WO00/38716)  
[30] US (60/113,786) 1998-12-23  
[30] US (09/385,214) 1999-08-27

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[21] **2,356,548**  
[13] A1  
[51] **Int.Cl. 7A61K 35/00 7C07H 21/02 7C07H 21/04 7C12N 15/11 7C12N 5/14 7C12N 1/15 7C12N 1/19 7C12N 1/21 7C12N 15/63 7C12N 15/85 7C12N 15/86**  
[25] EN  
[54] **HUMAN BRAINIAC-5**  
[54] **BRAINIAC-5 HUMAINS**  
[72] YOUNG, PAUL E., US  
[72] RUBEN, STEVEN M., US  
[71] HUMAN GENOME SCIENCES, INC., US  
[85] 2001-06-21  
[86] 1999-12-20 (PCT/US99/30452)  
[87] 2000-07-06 (WO00/39136)  
[30] US (60/113,804) 1998-12-23

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[21] **2,356,594**  
[13] A1  
[51] **Int.Cl. 7C12N 15/11 7C12C 11/02 7C12N 1/19**  
[25] EN  
[54] **METHOD OF BREEDING YEAST**  
[54] **PROCEDE VISANT A UNE AMELIORATION GENETIQUE DE LEVURE**  
[72] OCHIAI, MISA, JP  
[72] ASHIKARI, TOSHIHIKO, JP  
[71] SUNTORY LIMITED, JP  
[85] 2001-06-22  
[86] 2000-10-26 (PCT/JP00/07491)  
[87] 2001-05-03 (WO01/31000)  
[30] JP (11/304185) 1999-10-26

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[21] **2,356,595**  
[13] A1  
[51] **Int.Cl. 7C12N 15/12 7C12P 21/08 7C07K 16/18 7G01N 33/53 7G01N 33/577**  
[25] EN  
[54] **MONOCLONAL ANTIBODIES AGAINST HUMAN APOPTOSIS INHIBITORY PROTEIN NAIP AND METHOD FOR ASSAYING NAIP**  
[54] **ANTICORPS MONOCLONAUX CONTRE LA PROTEINE NAIP INHIBITRICE DE L' APOPTOSE CHEZ L' HUMAIN ET METHODE DE DOSAGE DE LA PROTEINE NAIP**  
[72] SAKAI, HARUMI, JP  
[72] IKEDA, JOH-E, JP  
[71] JAPAN SCIENCE AND TECHNOLOGY CORPORATION, JP  
[85] 2001-04-25  
[86] 1999-10-22 (PCT/JP99/05841)  
[87] 2000-05-04 (WO00/24889)  
[30] JP (10/304550) 1998-10-26

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[21] **2,356,597**  
[13] A1  
[51] **Int.Cl. 7C12N 9/10 7C12N 15/54**  
[25] EN  
[54] **PROCESS FOR PRODUCING TRANSGLUTAMINASE**  
[54] **PROCEDE DE PRODUCTION DE TRANSGLUTAMINASE**  
[72] YOKOYAMA, KEIICHI, JP  
[72] ONO, KUNIO, JP  
[72] EJIMA, DAISUKE, JP  
[71] AJINOMOTO CO., INC., JP  
[85] 2001-06-26  
[86] 1999-12-24 (PCT/JP99/07250)  
[87] 2000-07-13 (WO00/40706)  
[30] JP (10/373131) 1998-12-28

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[21] **2,356,606**  
[13] A1  
[51] **Int.Cl. 7A61K 45/06 7A61K 41/00 7A61P 35/00**  
[25] EN  
[54] **METHOD OF USING A CYCLOOXYGENASE-2 INHIBITOR AND ONE OR MORE ANTINEOPLASTIC AGENTS AS A COMBINATION THERAPY IN THE TREATMENT OF NEOPLASIA**  
[54] **PROCEDE PERMETTANT D'UTILISER UN INHIBITEUR DE CYCLOOXYGENASE-2 ET UN OU PLUSIEURS AGENTS ANTINEOPLASIQUES COMME THERAPIE COMBINEE POUR TRAITER LES MALADIES NEOPLASIQUES**  
[72] KOKI, ALANE T., US  
[72] MASFERRER, JAIME L., US  
[72] GATELY, STEPHEN T., US  
[72] CUNNINGHAM, JAMES J., US  
[72] MCKEARN, JOHN P., US  
[72] GORDON, GARY, US  
[71] G.D. SEARLE & CO., US  
[85] 2001-06-22  
[86] 1999-12-22 (PCT/US99/30693)  
[87] 2000-07-06 (WO00/38730)  
[30] US (60/113,786) 1998-12-28

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[21] **2,356,607**  
[13] A1

[51] **Int.Cl. 7A61K 45/06 7A61P 9/00 7A61K 31/55**  
[25] EN  
[54] **COMBINATIONS OF ILEAL BILE ACID TRANSPORT INHIBITORS AND FIBRIC ACID DERIVATIVES FOR CARDIOVASCULAR INDICATIONS**  
[54] **COMBINAISONS D'INHIBITEURS DE TRANSPORT DE L'ACIDE BILIAIRE ILEAL ET DE DERIVES DE L'ACIDE FIBRIQUE UTILISEES DANS LE CADRE DE MALADIES CARDIO-VASCULAIRES**  
[72] SCHUH, JOSEPH R., US  
[72] GLENN, KEVIN C., US  
[72] KELLER, BRADLEY T., US  
[71] G.D. SEARLE LLC, US  
[85] 2001-06-20  
[86] 1999-12-17 (PCT/US99/27948)  
[87] 2000-07-06 (WO00/38727)  
[30] US (60/113,955) 1998-12-23  
[30] US (60/142,603) 1999-07-07

[21] **2,356,608**  
[13] A1

[51] **Int.Cl. 7C12N 15/00 7C12N 9/00 7C12Q 1/18**  
[25] EN  
[54] **A. FUMIGATUS ACETYL COENZYME-A CARBOXYLASE GENES AND POLYPEPTIDES ABD USES THEREOF**  
[54] **GENES ET POLYPEPTIDES D'ACETYL COENZYME A CARBOXYLASE D'FUMIGATUS ET UTILISATION DE CEUX-CI**  
[72] DORR, PATRICK K., GB  
[72] PARKINSON, TANYA, GB  
[72] BULAWA, CHRISTINE, US  
[71] PFIZER LIMITED, GB  
[71] MILLENNIUM PHARMACEUTICALS, INC., US  
[85] 2001-06-26  
[86] 1999-12-29 (PCT/US99/31041)  
[87] 2000-07-06 (WO00/39287)  
[30] US (60/114,580) 1998-12-31

[21] **2,356,610**  
[13] A1

[51] **Int.Cl. 7G01S 13/02 7G06K 19/067**  
[25] EN  
[54] **REMOTE-INQUIRY SURFACE ACOUSTIC WAVE COMPONENT WITH OPTIMUM CODE SPACE**  
[54] **COMPOSANT A ONDES DE SURFACE INTERROGEABLE A DISTANCE ET AYANT UN ECARTEMENT CODE OPTIMAL**  
[72] SCZESNY, OLIVER, DE  
[72] SCHMIDT, FRANK, DE  
[72] VOSSIEK, MARTIN, DE  
[72] REINDL, LEONHARD, DE  
[71] SIEMENS AKTIENGESSELLSCHAFT, DE  
[85] 2001-06-21  
[86] 1999-12-22 (PCT/DE99/04079)  
[87] 2000-07-06 (WO00/39604)  
[30] DE (198 60 058.5) 1998-12-23

[21] **2,356,611**  
[13] A1

[51] **Int.Cl. 7A61K 38/55 7A61P 29/00**  
[25] EN  
[54] **NEW USE OF MELAGATRAN**  
[54] **NOUVELLE UTILISATION DE MELAGATRAN**  
[72] KIRK, IAN, GB  
[71] ASTRAZENECA AB, SE  
[85] 2001-06-21  
[86] 2000-01-13 (PCT/SE00/00051)  
[87] 2000-07-20 (WO00/41716)  
[30] SE (9900070-5) 1999-01-13

[21] **2,356,616**  
[13] A1

[51] **Int.Cl. 7F16L 55/165 7B29C 63/34**  
[25] EN  
[54] **A PIPE LINER, A LINER PRODUCT AND METHODS FOR FORMING AND INSTALLING THE LINER**  
[54] **REVETEMENT INTERIEUR DE CANALISATION, PRODUIT DE REVETEMENT ET PROCEDE DE FABRICATION ET D'INSTALLATION DUDIT REVETEMENT**  
[72] WOOD, PETER, GB  
[71] CEMPIPE LIMITED, GB  
[85] 2001-06-22  
[86] 1999-12-01 (PCT/GB99/04016)  
[87] 2000-07-13 (WO00/40888)  
[30] GB (9828855.8) 1998-12-31  
[30] GB (9902486.1) 1999-02-05

[21] **2,356,619**  
[13] A1

[51] **Int.Cl. 6A61N 5/10 6H01J 35/06**  
[25] EN  
[54] **ELECTRON BEAM MULTISTAGE ACCELERATOR DRIVEN PROBE DEVICE**  
[54] **SONDE COMMANDEE PAR UN ACCELERATEUR DE FAISCEAU D'ELECTRONS A PLUSIEURS ETAGES**  
[72] DINSMORE, MARK, US  
[71] PHOTOELECTRON CORPORATION, US  
[85] 2001-06-08  
[86] 1999-11-30 (PCT/US99/28259)  
[87] 2000-06-22 (WO00/35535)  
[30] US (09/211,144) 1998-12-14

[21] **2,356,620**  
[13] A1

[51] **Int.Cl. 7H04M 9/08**  
[25] EN  
[54] **METHODS AND APPARATUS FOR ADAPTIVE SIGNAL GAIN CONTROL IN COMMUNICATIONS SYSTEMS**  
[54] **PROCEDES ET APPAREILS DE COMMANDE ADAPTATIVE DE GAIN DE SIGNAUX DANS DES SYSTEMES DE COMMUNICATION**  
[72] SVENSSON, TOMAS, SE  
[72] SORQVIST, PATRIK, SE  
[72] SUNDQVIST, JIM, SE  
[72] ERIKSSON, ANDERS, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-06-22  
[86] 1999-12-07 (PCT/SE99/02288)  
[87] 2000-07-06 (WO00/39991)  
[30] US (09/219,517) 1998-12-23

[21] **2,356,621**  
[13] A1

[51] **Int.Cl. 7C12N 15/85 7A61K 35/00 7C12N 5/10 7C12Q 1/68**  
[25] EN  
[54] **ASSAY FOR IDENTIFYING COMPOUNDS WHICH AFFECT STABILITY OF MRNA**  
[54] **ANALYSE PERMETTANT D'IDENTIFIER DES COMPOSES AFFECTANT LA STABILITE DE L'ARNM**  
[72] CHENEVAL, DOMINIQUE, CA  
[72] KASTELIC, TANIA, CA  
[71] NOVATION PHARMACEUTICALS INC., CA  
[85] 2001-06-22  
[86] 1999-12-23 (PCT/CA99/01235)  
[87] 2000-07-06 (WO00/39314)  
[30] GB (9828709.7) 1998-12-24

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[21] **2,356,622**  
[13] A1

[51] **Int.Cl. 7A61K 31/365 7A61P 31/04**  
[25] EN  
[54] **COMPOUNDS WHICH AFFECT MRNA STABILITY AND USES THEREFOR**  
[54] **COMPOSES MODIFIANT LA STABILITE DE L'ARNM ET UTILISATIONS DE CES COMPOSES**  
[72] RUETZ, STEPHAN, CH  
[72] KASTELIC, TANIA, CA  
[72] CHENEVAL, DOMINIQUE, CA  
[71] NOVATION PHARMACEUTICALS INC., CA  
[85] 2001-06-22  
[86] 1999-12-23 (PCT/CA99/01234)  
[87] 2000-07-06 (WO00/38674)  
[30] GB (9828707.1) 1998-12-24  
[30] GB (9828710.5) 1998-12-24

[21] **2,356,623**  
[13] A1

[51] **Int.Cl. 7A61B 5/00 7A61B 1/04 7G01N 21/47**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR OPTICAL EXAMINATION OF SAMPLES**  
[54] **SYSTEMES ET PROCEDES D'ANALYSE OPTIQUE D'ECHANTILLONS**  
[72] MODELL, MARK, US  
[72] ZELENCHUK, ALEXANDER, US  
[72] NORDSTROM, ROBERT, US  
[71] MEDISPECTRA, INC., US  
[85] 2001-06-22  
[86] 1999-12-22 (PCT/US99/31001)  
[87] 2000-06-29 (WO00/37917)  
[30] US (60/113,761) 1998-12-23

[21] **2,356,625**  
[13] A1

[51] **Int.Cl. 6A61M 5/00**  
[25] EN  
[54] **IN-LINE RETRACTABLE SAFETY MEDICAL NEEDLE ASSEMBLY**  
[54] **ENSEMBLE AIGUILLE MEDICALE DE SECURITE RETRACTIBLE EN LIGNE**  
[72] THORNE, DAVID L., US  
[72] THORNE, KENDALL P., US  
[72] BARRUS, ROY L., US  
[72] THORNE, GALE H., US  
[71] SPECIALIZED HEALTH PRODUCTS, INC., US  
[85] 2001-06-22  
[86] 1999-12-14 (PCT/US99/29512)  
[87] 2000-08-10 (WO00/45877)  
[30] US (09/221,720) 1999-02-04

[21] **2,356,630**  
[13] A1

[51] **Int.Cl. 7E03B 3/30**  
[25] EN  
[54] **A METHOD AND AN APPARATUS FOR UTILISING GLACIER ICE AS DRINKING WATER**  
[54] **PROCEDE ET APPAREIL PERMETTANT D'UTILISER LA GLACE DES GLACIERS COMME EAU DE BOISSON**  
[72] WINKEL, SOREN GREGERS, DE  
[72] NIELSEN, SOREN BRONDHOLT, DE  
[72] SUNDBERG, HENRIK, DE  
[71] WINKEL, SOREN GREGERS, DK  
[71] NIELSEN, SOREN BRONDHOLT, DE  
[71] SUNDBERG, HENRIK, DE  
[85] 2001-06-22  
[86] 1999-12-23 (PCT/DK99/00735)  
[87] 2000-07-06 (WO00/39408)  
[30] DK (PA 1998 01727) 1998-12-23  
[30] DK (PA 1999 01812) 1999-12-17

[21] **2,356,634**  
[13] A1

[51] **Int.Cl. 7G01N 33/53**  
[25] EN  
[54] **IMPROVED BIOSENSOR DEVICE AND METHOD OF MANUFACTURING SAME**  
[54] **AMELIORATIONS APPORTEES A UN BIOCAPTEUR ET SON PROCEDE DE FABRICATION**  
[72] NOONAN, TIMOTHY, US  
[72] NOONAN, JAMES, US  
[71] DRAWN OPTICAL COMPONENTS, INC., US  
[85] 2001-06-15  
[86] 1999-12-15 (PCT/US99/29965)  
[87] 2000-07-13 (WO00/40942)  
[30] US (09/213,587) 1998-12-17

[21] **2,356,637**  
[13] A1

[51] **Int.Cl. 7A01N 37/30 7A01N 31/00 7A01N 43/04 7A01N 43/08 7A01N 43/16 7A01N 57/26**  
[25] EN  
[54] **COMPOUNDS AND METHODS FOR THE TREATMENT OF AIRWAY DISEASES AND FOR THE DELIVERY OF AIRWAY DRUGS**  
[54] **COMPOSE ET TECHNIQUES PERMETTANT DE TRAITER LES MALADIES DES VOIES RESPIRATOIRES ET DE DISTRIBUER DES MEDICAMENTS CONTRE LESDITES MALADIES**  
[72] BOUCHER, RICHARD C., JR., US  
[71] THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US  
[85] 2001-06-19  
[86] 1999-12-21 (PCT/US99/30585)  
[87] 2000-06-29 (WO00/36915)  
[30] US (60/113,785) 1998-12-22  
[30] US (60/137,991) 1999-06-07

[21] **2,356,638**  
[13] A1

[51] **Int.Cl. 7A61K 31/415 7A61P 25/06 7A61K 31/38 7A61K 31/40 7A61K 31/44**  
[25] EN  
[54] **INDOLE AND INDOLIZIDINE DERIVATIVES FOR THE TREATMENT OF MIGRAINE**  
[54] **DERIVES INDOLE ET INDOLIZIDINE PERMETTANT DE TRAITER LES MIGRAINES**  
[72] XIN, TAO, CA  
[72] EDWARDS, LOUISE, CA  
[72] MADDAFORD, SHAWN, CA  
[72] SLASSI, ABDELMALIK, CA  
[72] TEHIM, ASHOK, CA  
[72] ISAAC, METHVIN, CA  
[72] ARORA, JALAJ, CA  
[71] NPS ALLELIX CORP., CA  
[85] 2001-06-22  
[86] 1999-12-22 (PCT/CA99/01241)  
[87] 2000-07-06 (WO00/38677)  
[30] US (60/113,932) 1998-12-23



## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,356,639</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 7/00</b> [25] EN [54] <b>TRANSPARENT SKIN CARE COMPOSITIONS</b> [54] <b>COMPOSITIONS TRANSPARENTES DE SOINS POUR LA PEAU</b> [72] TANAKA, HIDEKAZU, JP [72] TSUNETSUGU, SHUICHI, JP [72] MORI, KIYOAKI, JP [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2001-06-19 [86] 1998-12-22 (PCT/US98/27228) [87] 2000-06-29 (WO00/37029)</p>	<p style="text-align: right;">[21] <b>2,356,646</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04R 5/02 7A61G 7/05</b> [25] EN [54] <b>WATERPROOF HOUSING COVER FOR HOSPITAL BED</b> [54] <b>COUVERCLE DE LOGEMENT ETANCHE A L'EAU POUR LIT D'HOPITAL</b> [72] MOSTER, JEFFREY A., US [72] HAMILTON, MICHAEL W., US [72] HENSLEY, DAVID W., US [72] ZERHUSEN, ROBERT MARK, US [72] HORNBACH, DAVID W., US [72] BARBU, OLIVIER, FR [71] HILL-ROM, INC., US [85] 2001-06-08 [86] 1999-12-08 (PCT/US99/29103) [87] 2000-06-15 (WO00/35245) [30] US (60/111,838) 1998-12-11 [30] US (09/265,173) 1999-03-09</p>	<p style="text-align: right;">[21] <b>2,356,655</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12Q 1/68 7G06F 7/00 7G06F 17/00 7G06F 17/30</b> [25] EN [54] <b>METHOD AND SYSTEM FOR ANALYZING BIOLOGICAL RESPONSE SIGNAL DATA</b> [54] <b>PROCEDE ET SYSTEME PERMETTANT D'ANALYSER DES DONNEES DES SIGNAUX DE REPONSE BIOLOGIQUE</b> [72] BUSKIRK, STEWART, US [72] BASSETT, DOUGLAS JR., US [72] BONDARENKO, ANDREY, US [71] ROSETTA INPHARMATICS, INC., US [85] 2001-06-22 [86] 1999-12-22 (PCT/US99/30643) [87] 2000-07-06 (WO00/39338) [30] US (09/220,276) 1998-12-23</p>
<p style="text-align: right;">[21] <b>2,356,642</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 9/16</b> [25] EN [54] <b>IMPROVED PHYTASES</b> [54] <b>PHYTASES AMELIOREES</b> [72] LASSEN, SOREN FLENSTED, DK [72] LEHMANN, MARTIN, US [71] NOVOZYMES A/S, DK [85] 2001-06-21 [86] 2000-01-21 (PCT/DK00/00025) [87] 2000-07-27 (WO00/43503) [30] DK (PA 1999 00092) 1999-01-22 [30] DK (PA 1999 01340) 1999-09-21</p>	<p style="text-align: right;">[21] <b>2,356,648</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12Q 1/68</b> [25] EN [54] <b>METHODS OF CHARACTERIZING DRUG ACTIVITIES USING CONSENSUS PROFILES</b> [54] <b>PROCEDE DE CARACTERISATION D'ACTIVITES MEDICAMENTEUSES A L'AIDE DE PROFILS DE CONSENSUS</b> [72] HE, YUDONG, US [72] STOUGHTON, ROLAND, US [72] FRIEND, STEPHEN H., US [71] ROSETTA INPHARMATICS, INC., US [85] 2001-06-22 [86] 1999-12-21 (PCT/US99/30576) [87] 2000-07-06 (WO00/39336) [30] US (09/220,142) 1998-12-23</p>	<p style="text-align: right;">[21] <b>2,356,661</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 39/395 7C12N 5/00 7A61P 17/00 7C12N 15/12 7C07K 16/28 7G01N 33/68 7C07K 14/715</b> [25] EN [54] <b>AGONISTS OR ANTAGONISTS OF CUTANEOUS T CELL-ATTRACTING CHEMOKINE (CTACK) OR VASOACTIVE INTESTINAL CONTRACTOR (VIC) CHEMOKINES</b> [54] <b>AGONISTES OU ANTAGONISTES DE LA CHEMOKINE D'ATTRACTION DES LYMPHOCYTES T (CTACK) OU DES CHEMOKINES DES CONTRACTEURS INTESTINAUX VASOACTIFS (VIC)</b> [72] WANG, WEI, US [72] ZLOTNIK, ALBERT, US [72] OLDHAM, ELIZABETH R., US [72] MCEVOY, LESLIE M., US [72] SOTO, HORTENSIA, US [72] KELLERMANN, SIRID-AIMEE, US [72] LUI, YING, US [72] HUDAK, SUSAN A., US [72] HOMEY, BERNHARD, US [72] MORALES, JANINE M., US [71] SCHERING CORPORATION, US [85] 2001-06-21 [86] 1999-12-23 (PCT/US99/30819) [87] 2000-07-06 (WO00/38713) [30] US (60/113,858) 1998-12-24 [30] US (09/322,580) 1999-05-27</p>
<p style="text-align: right;">[21] <b>2,356,644</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B29C 44/00 7C08J 9/228</b> [25] EN [54] <b>PROCESS FOR PRODUCING A CRYSTALLINE AROMATIC POLYESTER RESIN MOLDED FOAMARTICLE</b> [54] <b>PROCEDE DE PRODUCTION DE PRODUIT EN RESINE DE POLYESTER AROMATIQUE MOUSSE DANS LE MOULE</b> [72] FUJISHIMA, MINORU, JP [72] MATSUMURA, HIDEYASU, JP [72] UENO, HIROYUKI, JP [72] MORIOKA, IKUO, JP [72] HIRAI, TAKAAKI, JP [72] ARAMOMI, YUKIO, JP [72] YAMAGATA, HIROYUKI, JP [71] SEKISUI PLASTICS CO., LTD., JP [85] 2001-06-08 [86] 1999-12-10 (PCT/JP99/06987) [87] 2000-06-22 (WO00/35650) [30] JP (10/353327) 1998-12-11 [30] JP (11/198025) 1999-07-12</p>	<p style="text-align: right;">[21] <b>2,356,648</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12Q 1/68</b> [25] EN [54] <b>METHODS OF CHARACTERIZING DRUG ACTIVITIES USING CONSENSUS PROFILES</b> [54] <b>PROCEDE DE CARACTERISATION D'ACTIVITES MEDICAMENTEUSES A L'AIDE DE PROFILS DE CONSENSUS</b> [72] HE, YUDONG, US [72] STOUGHTON, ROLAND, US [72] FRIEND, STEPHEN H., US [71] ROSETTA INPHARMATICS, INC., US [85] 2001-06-22 [86] 1999-12-21 (PCT/US99/30576) [87] 2000-07-06 (WO00/39336) [30] US (09/220,142) 1998-12-23</p>	<p style="text-align: right;">[21] <b>2,356,661</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 39/395 7C12N 5/00 7A61P 17/00 7C12N 15/12 7C07K 16/28 7G01N 33/68 7C07K 14/715</b> [25] EN [54] <b>AGONISTS OR ANTAGONISTS OF CUTANEOUS T CELL-ATTRACTING CHEMOKINE (CTACK) OR VASOACTIVE INTESTINAL CONTRACTOR (VIC) CHEMOKINES</b> [54] <b>AGONISTES OU ANTAGONISTES DE LA CHEMOKINE D'ATTRACTION DES LYMPHOCYTES T (CTACK) OU DES CHEMOKINES DES CONTRACTEURS INTESTINAUX VASOACTIFS (VIC)</b> [72] WANG, WEI, US [72] ZLOTNIK, ALBERT, US [72] OLDHAM, ELIZABETH R., US [72] MCEVOY, LESLIE M., US [72] SOTO, HORTENSIA, US [72] KELLERMANN, SIRID-AIMEE, US [72] LUI, YING, US [72] HUDAK, SUSAN A., US [72] HOMEY, BERNHARD, US [72] MORALES, JANINE M., US [71] SCHERING CORPORATION, US [85] 2001-06-21 [86] 1999-12-23 (PCT/US99/30819) [87] 2000-07-06 (WO00/38713) [30] US (60/113,858) 1998-12-24 [30] US (09/322,580) 1999-05-27</p>

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[21] **2,356,662**  
[13] A1

[51] **Int.Cl. 7C11D 1/62 7D06M 23/06 7D06M 13/224 7C11D 3/43 7D06M 13/46 7C11D 1/66 7C11D 1/74**

[25] EN

[54] **FABRIC CARE COMPOSITION FOR DIRECTLY APPLYING TO FABRICS**

[54] **COMPOSITION D'ENTRETIEN POUR TISSUS, DESTINEE A ETRE APPLIQUEE DIRECTEMENT SUR DES TISSUS**

[72] GUARIN, LEDA MARIE PERLADO, PH

[72] TRAJANO, TRACE WENDELL DE GUZMAN, PH

[72] MAO, HSIANG-KUEN, PH

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2001-06-22

[86] 1999-01-11 (PCT/US99/00577)

[87] 2000-07-20 (WO00/42139)

[21] **2,356,664**  
[13] A1

[51] **Int.Cl. 7A61K 45/06 7A61P 9/00 7A61K 31/55**

[25] EN

[54] **COMBINATIONS OF ILEAL BILE ACID TRANSPORT INHIBITORS AND NICOTINIC ACID DERIVATIVES FOR CARDIOVASCULAR INDICATIONS**

[54] **COMBINAISONS D'INHIBITEURS DE TRANSPORT DE L'ACIDE BILIAIRE ILEAL ET DE DERIVES DE L'ACIDE NICOTINIQUE UTILISEES DANS LE CADRE DE TROUBLES CARDIO-VASCULAIRES**

[72] CONNOLLY, DANIEL T., US

[72] GLENN, KEVIN C., US

[72] KELLER, BRADLEY T., US

[71] G.D. SEARLE LLC, US

[85] 2001-06-20

[86] 1999-12-17 (PCT/US99/27950)

[87] 2000-07-06 (WO00/38729)

[30] US (60/113,955) 1998-12-23

[30] US (60/142,550) 1999-07-07

[21] **2,356,668**  
[13] A1

[51] **Int.Cl. 6H04M 1/64 6H04M 11/00**

[25] EN

[54] **TELEPHONE ANSWERING DEVICE WITH TIMER CONTROL**

[54] **REPONDEUR-ENREGISTREUR TELEPHONIQUE A COMMANDE DE MINUTERIE**

[72] GALBREATH, JOHN A., US

[71] GALBREATH, JOHN A., US

[85] 2001-06-22

[86] 1999-12-21 (PCT/US99/30732)

[87] 2000-07-06 (WO00/39985)

[30] US (09/219,221) 1998-12-23

[21] **2,356,671**  
[13] A1

[51] **Int.Cl. 7A61K 31/55 7C07D 401/02 7C07D 403/02 7C07D 405/02 7C07D 409/02 7C07D 411/02 7C07D 413/02 7C07D 417/02 7C07D 419/02 7C07D 223/08**

[25] EN

[54] **PROTEASE INHIBITORS**

[54] **INHIBITEURS DE PROTEASES**

[72] RU, YU, US

[72] MARQUIS, ROBERT WELLS JR., US

[72] CUMMINGS, MAXWELL DAVID, US

[72] VEBER, DANIEL FRANK, US

[72] YAMASHITA, DENNIS, US

[72] THOMPSON, SCOTT KEVIN, US

[71] SMITHKLINE BEECHAM CORPORATION, US

[85] 2001-06-22

[86] 1999-12-21 (PCT/US99/30730)

[87] 2000-07-06 (WO00/38687)

[30] US (60/113,636) 1998-12-23

[30] US (60/164,581) 1999-11-10

[21] **2,356,673**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68**

[25] EN

[54] **METHODS FOR DRUG INTERACTION PREDICTION USING BIOLOGICAL RESPONSE PROFILES**

[54] **METHODES DE PREDICTION D'INTERACTIONS MEDICAMENTEUSES UTILISANT DES PROFILS DE REACTION BIOLOGIQUE**

[72] STEPANIANTS, SERGEY, US

[72] STOUGHTON, ROLAND, US

[71] ROSETTA INPHARMATICS, INC., US

[85] 2001-06-26

[86] 1999-12-27 (PCT/US99/30838)

[87] 2000-07-06 (WO00/39340)

[30] US (09/222,595) 1998-12-28

[21] **2,356,676**  
[13] A1

[51] **Int.Cl. 7B06B 1/18 7B65G 53/66**

[25] EN

[54] **PULSATING VIBRATION AIR GENERATION MEANS**

[54] **INSTRUMENT A GENERATION D'AIR PAR VIBRATION PULSATOIRE**

[72] MORIMOTO, KIYOSHI, JP

[72] MURATA, KAZUE, JP

[72] IWASE, YUJI, JP

[72] YOSHIMOTO, HIROKAZU, JP

[71] KABUSHIKI KAISHA MATSUI SEISAKUSHO, JP

[71] KYOWA HAKKO KOGYO CO., LTD., JP

[85] 2001-06-21

[86] 1999-12-24 (PCT/JP99/07242)

[87] 2000-07-06 (WO00/38848)

[30] JP (10/371052) 1998-12-25

[21] **2,356,677**  
[13] A1

[51] **Int.Cl. 7G06K 15/02 7B41J 2/21**

[25] EN

[54] **SYSTEM AND METHOD FOR PRINT ANALYSIS**

[54] **SYSTEME ET PROCEDE D'ANALYSE D'UN IMPRIME**

[72] AMERO, BERNARD A., US

[72] ROSENBERGER, ROY, US

[71] CHAMPION INTERNATIONAL CORPORATION, US

[85] 2001-06-22

[86] 1999-12-23 (PCT/US99/30881)

[87] 2000-07-06 (WO00/39749)

[30] US (09/220,669) 1998-12-24

[30] US (09/469,488) 1999-12-22

[21] **2,356,679**  
[13] A1

[51] **Int.Cl. 7H04L 29/12 7H04Q 3/00 7H04L 29/06**

[25] EN

[54] **EXTENDED NUMBER PORTABILITY DATABASE SERVICES**

[54] **SERVICES ADDITIONNELS BASES DE DONNEES DE PORTABILITE DE NUMEROS**

[72] SULTANA, SHABNAM, SE

[72] MADOUR, LILA, SE

[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE

[85] 2001-06-26

[86] 1999-12-10 (PCT/SE99/02321)

[87] 2000-07-06 (WO00/39981)

[30] US (09/221,165) 1998-12-28

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[21] **2,356,680**  
[13] A1  
[51] **Int.Cl. 7C07D 313/08 7C07D 337/08 7A61P 9/10 7A61K 31/35 7A61K 31/352 7C07D 311/58**  
[25] EN  
[54] **BENZOPYRANS AND BENZOXEPINES, PHARMACEUTICAL COMPOSITIONS COMPRISING THEM AND PREPARATION PROCESS**  
[54] **BENZOPYRANES ET BENZOXEPINES PREPARATION PHARMACEUTIQUES LES INCLUANT ET LEUR PROCEDE D'OBTENTION**  
[72] BRUNET, MICHEL, FR  
[72] BERTHELON, JEAN JAQUES, FR  
[72] ZEILLER, JEAN JAQUES, FR  
[72] GUERRIER, DANIEL, FR  
[72] AUGERT, GUY, FR  
[72] CONTARD, FRANCIS, FR  
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE  
[85] 2001-06-27  
[86] 1999-12-20 (PCT/EP99/10114)  
[87] 2000-07-06 (WO00/39113)  
[30] FR (98/16574) 1998-12-29

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[21] **2,356,681**  
[13] A1  
[51] **Int.Cl. 7C12N 15/57 7C12N 5/10 7C12N 1/21 7C07K 16/40 7C12N 9/64**  
[25] EN  
[54] **METALLOPROTEINASE-DISINTEGRIN FAMILY MEMBERS: SVPH DNAS AND POLYPEPTIDES**  
[54] **MEMBRES DE LA FAMILLE DE LA METALLOPROTEINASE-DISINTEGRINE: ADN SVPH ET POLYPEPTIDES**  
[72] CERRETTI, DOUGLAS PAT, US  
[71] IMMUNEX CORPORATION, US  
[85] 2001-06-26  
[86] 2000-01-21 (PCT/US00/01338)  
[87] 2000-07-27 (WO00/43525)  
[30] US (60/116,670) 1999-01-21  
[30] US (60/138,682) 1999-06-14  
[30] US (60/155,798) 1999-09-27

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[21] **2,356,682**  
[13] A1  
[51] **Int.Cl. 7A61B 5/00 7G06F 17/00**  
[25] EN  
[54] **HOLTER-TYPE MONITOR SYSTEM COMPRISING AN ANALYTE SENSOR**  
[54] **SYSTEME DE SUIVI MEDICAL DE TYPE HOLTER A DETECTEUR DE SUBSTANCES A ANALYSER**  
[72] CAUSEY, JAMES D., III, US  
[72] KOVELMAN, PAUL H., US  
[71] MINIMED INC., US  
[85] 2001-06-22  
[86] 2000-01-27 (PCT/US00/02234)  
[87] 2000-08-10 (WO00/45696)  
[30] US (09/246,661) 1999-02-05

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[21] **2,356,683**  
[13] A1  
[51] **Int.Cl. 7F25B 1/02 7F25B 41/00 7F25D 15/00**  
[25] EN  
[54] **COMPACT REFRIGERATION SYSTEM**  
[54] **SYSTEME DE REFRIGERATION COMPACT**  
[72] BUTSCH, OTTO R., US  
[71] VENTURE SCIENTIFICS, INC., US  
[85] 2001-06-22  
[86] 1999-12-21 (PCT/US99/30354)  
[87] 2000-07-06 (WO00/39508)  
[30] US (60/113,943) 1998-12-23  
[30] US (09/385,452) 1999-08-30

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[21] **2,356,684**  
[13] A1  
[51] **Int.Cl. 7B01D 67/00 7B29C 59/02 7B01D 39/16 7B26F 1/24**  
[25] EN  
[54] **IN SITU MANUFACTURE OF MEMBRANE MICROFILTERS**  
[54] **FABRICATION (IN SITU) DE MICROFILTRES A MEMBRANE**  
[72] RAZ, RYAN S., CA  
[71] MORPHOMETRIX TECHNOLOGIES INC., CA  
[85] 2001-06-22  
[86] 1999-12-23 (PCT/CA99/01242)  
[87] 2000-07-06 (WO00/38823)  
[30] US (60/113,814) 1998-12-23

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[21] **2,356,685**  
[13] A1  
[51] **Int.Cl. 7C08G 18/67 7C09D 175/16 7C08G 18/78 7C08G 18/81**  
[25] EN  
[54] **COATING AGENTS WHICH CAN BE HARDENED BY THE ADDITION OF ISOCYANATE GROUPS AS WELL AS BY THE RADIATION-INDUCED ADDITION OF ACTIVATED C-C DOUBLE COVALENT BONDS**  
[54] **MATERIAUX DE REVETEMENT DURCISSABLES PAR ADDITION DE GROUPE ISOCYANATES ET PAR ADDITION, INDUITE PAR RAYONNEMENT, DE DOUBLES LIAISONS C-C ACTIVEES**  
[72] BRUCHMANN, BERND, DE  
[72] RENZ, HANS, DE  
[72] BECK, ERICH, DE  
[72] KONIGER, RAINER, DE  
[72] REICH, WOLFGANG, DE  
[72] SCHWALM, REINHOLD, DE  
[72] LOKAI, MATTHIAS, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2001-06-22  
[86] 1999-12-14 (PCT/EP99/09905)  
[87] 2000-07-06 (WO00/39183)  
[30] DE (198 60 041.0) 1998-12-23

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[13] A1  
[51] **Int.Cl. 7C08F 10/02 7C08F 4/02 7F16L 9/12 7C08F 4/69**  
[25] EN  
[54] **IMPROVED CHROMATE ESTER CATALYST AND METHOD OF USING SAME TO PRODUCE HIGH PERFORMANCE POLYETHYLENE PRODUCTS**  
[54] **CATALYSEUR AMELIORE A BASE D'ESTER DE CHROMATE ET PROCEDE D'UTILISATION DE CE CATALYSEUR AFIN DE PRODUIRE DES PRODUITS DE POLYETHYLENE A HAUTE PERFORMANCE**  
[72] MAEGER, PAMELA L., US  
[72] KELLUM, GENE E., US  
[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US  
[85] 2001-06-26  
[86] 1999-12-21 (PCT/US99/30594)  
[87] 2000-07-06 (WO00/39173)  
[30] US (09/222,080) 1998-12-29

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[13] A1

[51] **Int.Cl. 7H01S 3/067 7H01S 3/094 7H01S 3/16**  
[25] EN  
[54] **SEMICONDUCTOR-SOLID STATE LASER OPTICAL WAVEGUIDE PUMP DEVICE AND METHOD**  
[54] **POMPE GUIDE D'ONDE OPTIQUE A LASER SOLIDE/SEMI-CONDUCTEUR ET PROCEDE ASSOCIE**  
[72] ZENTENO, LUIS A., US  
[71] CORNING INCORPORATED, US  
[85] 2001-06-26  
[86] 1999-12-14 (PCT/US99/29629)  
[87] 2000-07-13 (WO00/41278)  
[30] US (60/115,229) 1999-01-08

[21] **2,356,688**  
[13] A1

[51] **Int.Cl. 7A23L 1/22 7B01J 13/04 7B01J 2/16**  
[25] EN  
[54] **ENCAPSULATED FLAVOUR AND/OR FRAGRANCE PREPARATIONS**  
[54] **PREPARATIONS D'AROMES ET/OU DE PARFUMS ENCAPSULEES**  
[72] HINDERER, JURGEN, DE  
[72] BOECK, REINHARD, DE  
[72] SCHLEIFENBAUM, BIRGIT, DE  
[72] UHLEMANN, JENS, DE  
[71] HAARMANN & REIMER GMBH, DE  
[85] 2001-06-15  
[86] 1999-12-08 (PCT/EP99/09644)  
[87] 2000-06-29 (WO00/36931)  
[30] DE (198 58 729.5) 1998-12-18  
[30] DE (199 56 604.6) 1999-11-25

[21] **2,356,689**  
[13] A1

[51] **Int.Cl. 7C07D 403/12 7C07D 223/10 7A61K 31/55**  
[25] EN  
[54] **1-CARBOXYMETHYL-2-OXO-AZEPAN DERIVATIVES USEFUL AS SELECTIVE INHIBITORS OF MMP-12**  
[54] **DERIVES DE 1-CARBOXYMETHYL-2-OXO-AZEPAN UTILISES COMME INHIBITEURS SELECTIFS DE MMP-12**  
[72] JANUSZ, MICHAEL J., US  
[72] WARSHAWSKY, ALAN M., US  
[71] AVENTIS PHARMACEUTICALS INC., US  
[85] 2001-06-26  
[86] 1999-11-12 (PCT/US99/26748)  
[87] 2000-07-13 (WO00/40577)  
[30] US (09/224,457) 1998-12-31

[21] **2,356,690**  
[13] A1

[51] **Int.Cl. 7C10B 57/04**  
[25] EN  
[54] **BLAST FURNACE COKE HAVING HIGH REACTIVITY AND HIGH STRENGTH AND METHOD OF PRODUCING THE SAME**  
[54] **COKE HAUTEMENT REACTIF ET HAUTEMENT RESISTANT POUR HAUT FOURNEAU ET SON PROCEDE DE PRODUCTION**  
[72] SAWADA, TOSHIRO, JP  
[72] SHINOHARA, KOICHI, JP  
[72] HANAOKA, KOJI, JP  
[72] SAKAMOTO, SEIJI, JP  
[72] IGAWA, KATSUTOSHI, JP  
[72] YAMAUCHI, YUTAKA, JP  
[72] KASAOKA, SHIZUKI, JP  
[72] BABA, SHINJIRO, JP  
[72] TSUKIHARA, YUJI, JP  
[71] KAWASAKI STEEL CORPORATION, JP  
[85] 2001-06-19  
[86] 2000-10-19 (PCT/JP00/07269)  
[87] 2001-04-26 (WO01/29151)  
[30] JP (11/298609) 1999-10-20  
[30] JP (2000-278604) 2000-09-13

[21] **2,356,693**  
[13] A1

[51] **Int.Cl. 7G01N 21/64 7G01N 21/86**  
[25] EN  
[54] **AN IN-LINE PROCESS FOR MONITORING BINDER DOSAGE AND DISTRIBUTION ON A SURFACE AND APPARATUS USEFUL THEREFOR**  
[54] **PROCESSUS EN LIGNE DE CONTROLE DU DOSAGE ET DE LA REPARTITION DE LIANTS SUR UNE SURFACE ET APPAREIL UTILE POUR CE FAIRE**  
[72] THIEM, TERRY L., US  
[72] HUNT, ROBERT N., US  
[71] BAYER CORPORATION, US  
[85] 2001-06-26  
[86] 1999-12-27 (PCT/US99/30835)  
[87] 2000-07-06 (WO00/39565)  
[30] US (09/222,092) 1998-12-29

[21] **2,356,694**  
[13] A1

[51] **Int.Cl. 7A61M 1/10 7F04D 29/02**  
[25] EN  
[54] **ROTARY BLOOD PUMP WITH CERAMIC MEMBERS**  
[54] **POMPE A SANG ROTATIVE AVEC ELEMENTS EN CERAMIQUE**  
[72] CAO, HENGCHU, US  
[72] LANCISI, DAVID M., US  
[71] KRITON MEDICAL, INC., US  
[85] 2001-06-26  
[86] 1999-11-10 (PCT/US99/26837)  
[87] 2000-07-06 (WO00/38757)  
[30] US (09/221,094) 1998-12-28

[21] **2,356,740**  
[13] A1

[51] **Int.Cl. 7C12N 15/57 7C12N 9/52**  
[25] FR  
[54] **BACTERIES A GRAM POSITIF DEPOURVUES D'ACTIVITE PROTEASIQUE HTRA, ET LEURS UTILISATIONS**  
[54] **GRAM-POSITIVE BACTERIA DEPRIVED OF HTRA PROTEASIC ACTIVITY AND THEIR USES**  
[72] POQUET, ISABELLE, FR  
[72] GRUSS, ALEXANDRA, FR  
[72] BOLOTINE, ALEXANDRE, FR  
[72] SOROKINE, ALEXEI, FR  
[71] INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE, FR  
[85] 2001-06-21  
[86] 1999-12-23 (PCT/FR99/03270)  
[87] 2000-07-06 (WO00/39309)  
[30] FR (98/16462) 1998-12-24

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[21] **2,356,741**  
[13] A1

[51] **Int.Cl. 7C12N 15/09 7C12P 13/02 7C12N 1/21 7C07K 14/37 7C12N 15/55 7C12N 9/78**  
[25] EN  
[54] **NOVEL RHODOCOCCUS BACTERIUM, NITRILASE GENE NITRYL HYDRATSE GENE AND AMIDASE GENE FROM RHODOCOCCUS BACTERIUM, AND PROCESS FOR PRODUCING CARBOXYLIC ACIDS USING THEM**  
[54] **NOUVELLE BACTERIE RHODOCOQUE, GENE DE LA NITRILASE, DE LA NITRILEHYDRATASE ET DE L'AMIDASE PROVENANT DE LA BACTERIE RHODOCOQUE, ET PROCEDE DE PRODUCTION D'ACIDES CARBOXYLIQUES A L'AIDE DE CEUX-CI**  
[72] AOKI, HIROBUMI, JP  
[72] KAMACHI, HARUMI, JP  
[71] SHOWA DENKO K.K., JP  
[85] 2001-06-21  
[86] 2000-10-25 (PCT/JP00/07464)  
[87] 2001-05-03 (WO01/30994)  
[30] JP (11/303212) 1999-10-26  
[30] JP (2000/21797) 2000-01-26  
[30] JP (2000/107855) 2000-04-10

[21] **2,356,748**  
[13] A1

[51] **Int.Cl. 7A61K 41/00 7A61P 35/00**  
[25] EN  
[54] **USE OF AN INTEGRIN ANTAGONIST AND RADIATION IN THE TREATMENT OF NEOPLASIA**  
[54] **PROCEDE D'UTILISATION D'UN ANTAGONISTE DE L'INTEGRINE ET RADIOTHERAPIE EN TANT QUE POLYETHERAPIE DANS LE TRAITEMENT DES NEOPLASIES**  
[72] CUNNINGHAM, JAMES J., US  
[72] KOKI, ALANE T., US  
[72] GATELY, STEPHEN T., US  
[72] GORDON, GARY, US  
[72] MASFERRER, JAIME L., US  
[72] MCKEARN, JOHN P., US  
[71] G.D. SEARLE & CO., US  
[85] 2001-06-22  
[86] 1999-12-22 (PCT/US99/30621)  
[87] 2000-07-06 (WO00/38715)  
[30] US (60/113,786) 1998-12-23

[21] **2,356,749**  
[13] A1

[51] **Int.Cl. 7C09J 4/00 7C09J 5/02 7C08F 222/32 7C08K 5/378**  
[25] EN  
[54] **ACTIVATOR FOR CYANACRYLATE ADHESIVES**  
[54] **ACTIVATEUR DE COLLES AU CYANACRYLATE**  
[72] SCHEFFLER, INGOLF, DE  
[72] MISIAK, HANNS ROLAND, DE  
[71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE  
[85] 2001-06-26  
[86] 1999-12-14 (PCT/EP99/09896)  
[87] 2000-07-06 (WO00/39229)  
[30] DE (198 59 638.3) 1998-12-23

[21] **2,356,750**  
[13] A1

[51] **Int.Cl. 7F16L 47/02 7B29C 65/34**  
[25] EN  
[54] **METHOD FOR JOINING SPIRAL WOUND PIPES**  
[54] **PROCEDE DE RACCORDEMENT DE TUYAUX ENROULES EN SPIRALE**  
[72] SLOTTE, STEFAN, FI  
[72] ANDTBACKA, ANDERS, FI  
[72] BLOMQUIST, GUNNAR, FI  
[71] OY KWH PIPE AB, FI  
[85] 2001-06-26  
[86] 2000-01-28 (PCT/FI00/00058)  
[87] 2000-08-10 (WO00/46540)  
[30] FI (990204) 1999-02-03

[21] **2,356,751**  
[13] A1

[51] **Int.Cl. 7C08F 265/04 7C08F 291/00 7A61K 7/06**  
[25] EN  
[54] **BRANCHED/BLOCK COPOLYMERS FOR TREATMENT OF KERATINOUS SUBSTRATES**  
[54] **COPOLYMERES RAMIFIES/ SEQUENCES PERMETTANT DE TRAITER DES SUBSTRATS KERATINIQUES**  
[72] SMITH, DAVID J., US  
[72] CONSTANTINO, STEVEN P., US  
[72] GALLEGUILLOS, RAMIRO, US  
[71] THE B.F. GOODRICH COMPANY, US  
[85] 2001-06-26  
[86] 1999-12-22 (PCT/US99/30790)  
[87] 2000-07-13 (WO00/40628)  
[30] US (09/223,664) 1998-12-30

[21] **2,356,752**  
[13] A1

[51] **Int.Cl. 7C08F 251/00 7D21H 21/16 7D21H 17/20 7D21H 21/20 7D21H 19/58**  
[25] EN  
[54] **POLYMER DISPERSION AND METHOD TO PRODUCE THE SAME**  
[54] **DISPERSION POLYMERIE ET PROCEDE DE PRODUCTION ASSOCIE**  
[72] LINDSTROM, MARI, FI  
[72] NURMI, KARI, FI  
[72] TAMMI, ANNA-LIISA, FI  
[71] RAISIO CHEMICALS LTD., FI  
[85] 2001-06-26  
[86] 2000-02-07 (PCT/FI00/00084)  
[87] 2000-08-10 (WO00/46264)  
[30] FI (990229) 1999-02-05  
[30] FI (PCT/FI00/00015) 2000-01-10

[21] **2,356,755**  
[13] A1

[51] **Int.Cl. 7C12N 15/11 7C07H 19/00 7A61K 39/09 7C07K 16/12 7C12N 1/20 7C07K 14/315 7C12Q 1/68 7A61K 35/74**  
[25] EN  
[54] **SUPERANTIGENS**  
[54] **SUPERANTIGENES**  
[72] PROFIT, THOMAS, NZ  
[72] FRASER, JOHN DAVID, NZ  
[71] AUCKLAND UNISERVICES LIMITED, NZ  
[85] 2001-06-22  
[86] 1999-12-24 (PCT/NZ99/00228)  
[87] 2000-07-06 (WO00/39159)  
[30] NZ (333589) 1998-12-24

[21] **2,356,756**  
[13] A1

[51] **Int.Cl. 7C07D 487/04 7C07D 235/00 7C07D 241/00 7C07D 243/00 7C07D 285/00 7C07D 519/00 7A61P 35/00 7C07D 513/14 7A61K 31/4985 7A61K 31/551 7A61K 31/5517**  
[25] EN  
[54] **PRENYL TRANSFERASE INHIBITORS**  
[54] **INHIBITEURS DE LA PRENYL-TRANSFERASE**  
[72] MORGAN, BARRY A., US  
[72] GORDON, THOMAS D., US  
[71] SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS SCIENTIFIQUES S.A.S., FR  
[85] 2001-06-26  
[86] 1999-12-30 (PCT/US99/31302)  
[87] 2000-07-06 (WO00/39130)  
[30] US (09/224,428) 1998-12-31  
[30] US (60/114,301) 1998-12-31

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[21] **2,356,761**  
[13] A1

[51] **Int.Cl. 7H04Q 7/38**  
[25] EN  
[54] **RETRIEVING CELL INFORMATION IN AN OVERLAID CIRCUIT SWITCHED AND PACKET SWITCHED WIRELESS TELECOMMUNICATION NETWORK**  
[54] **RECUPERATION D'INFORMATIONS CELLULE DANS UN RESEAU DE RADIOTELECOMMUNICATION SUPERPOSE A COMMUTATION PAR CIRCUITS ET PAR PAQUETS**  
[72] THRY SIN, GUNNAR, SE  
[72] MAZUR, SARA, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-06-26  
[86] 1999-12-10 (PCT/SE99/02322)  
[87] 2000-07-13 (WO00/41425)  
[30] US (09/223,636) 1998-12-31

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[21] **2,356,764**  
[13] A1

[51] **Int.Cl. 7C12N 15/31 7A61K 39/10 7C12N 5/10 7C07K 16/12 7C07K 14/235 7G01N 33/569 7C12Q 1/68**  
[25] EN  
[54] **TYPE III SECRETION SYSTEM ANTIGENS FROM BORDETELLA PERTUSSIS**  
[54] **VACCIN**  
[72] BOLLEN, ALEX, BE  
[72] FAUCONNIER, ALAIN, BE  
[72] GODFROID, EDMOND, BE  
[71] UNIVERSITE LIBRE DE BRUXELLES, BE  
[85] 2001-06-20  
[86] 1999-12-21 (PCT/EP99/10297)  
[87] 2000-06-29 (WO00/37493)  
[30] GB (9828217.1) 1998-12-21

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[21] **2,356,765**  
[13] A1

[51] **Int.Cl. 7A61K 38/17**  
[25] EN  
[54] **BONE RESORPTION INHIBITORS**  
[54] **INHIBITEUR DE RESORPTION OSSEUSE**  
[72] YAMAGOE, SATOSHI, JP  
[72] SUZUKI, KAZUO, JP  
[72] YAMAKAWA, TOORU, JP  
[71] JAPAN AS REPRESENTED BY SECRETARY OF NATIONAL INSTITUTE OF INFECTIOUS DI SEASES, JP  
[85] 2001-06-21  
[86] 1999-12-20 (PCT/JP99/07152)  
[87] 2000-06-29 (WO00/37093)  
[30] JP (10/363727) 1998-12-22

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[21] **2,356,779**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C12N 5/00 7C12N 5/10 7C12N 15/19 7C07K 14/47 7C07K 14/52**  
[25] EN  
[54] **CYTOKINE RECEPTOR CHAIN**  
[54] **CHAINE DE RECEPTEURS DE CYTOKINE**  
[72] COLLINS, MARY, US  
[72] WOOD, CLIVE, US  
[72] WILLS-KARP, MARSHA, US  
[72] DONALDSON, DEBRA, US  
[72] FITZ, LORI, US  
[72] WHITTERS, MATTHEW J., US  
[72] NEBEN, TAMLYN, US  
[71] GENETICS INSTITUTE, INC., US  
[71] JOHNS HOPKINS UNIVERSITY, US  
[85] 2001-06-26  
[86] 1999-12-13 (PCT/US99/29493)  
[87] 2000-06-22 (WO00/36103)  
[30] US (09/211,335) 1998-12-14

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[21] **2,356,834**  
[13] A1

[51] **Int.Cl. 7A01N 43/04 7A61F 2/00 7A61K 38/00 7A01N 63/00 7C12N 5/00 7C07H 21/04 7A61K 39/395**  
[25] EN  
[54] **METHODS FOR REDUCING ADVERSE SIDE EFFECTS ASSOCIATED WITH CELLULAR TRANSPLANTATION**  
[54] **METHODES DE REDUCTION D'EFFETS SECONDAIRES FACHEUX ASSOCIES A UNE TRANSPLANTATION CELLULAIRE**  
[72] LEVINE, PETER H., US  
[72] GREENBERGER, JOEL S., US  
[72] GALANOPOULOS, THEOFANIS, US  
[72] HURWITZ, DAVID R., US  
[72] CHERINGTON, VAN, US  
[71] ALG COMPANY, US  
[85] 2001-06-27  
[86] 1999-12-28 (PCT/US99/31080)  
[87] 2000-07-06 (WO00/38517)  
[30] US (09/224,048) 1998-12-31

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[21] **2,356,836**  
[13] A1

[51] **Int.Cl. 7C12N 15/31 7A61K 39/09 7C07K 14/315 7C12N 15/62**  
[25] EN  
[54] **STREPTOCOCCUS ANTIGENS**  
[54] **ANTIGENES DE STREPTOCOCCUS**  
[72] CHARLAND, NATHALIE, CA  
[72] MARTIN, DENIS, CA  
[72] RIOUX, CLEMENT, CA  
[72] PINEAU, ISABELLE, CA  
[72] BRODEUR, BERNARD R., CA  
[72] HAMEL, JOSEE, CA  
[71] SHIRE BIOCHEM INC., CA  
[85] 2001-06-22  
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[87] 2000-07-06 (WO00/39299)  
[30] US (60/113,800) 1998-12-23

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[21] **2,356,837**  
[13] A1

[51] **Int.Cl. 7B65H 18/26**  
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[54] **APPARATUS AND METHOD FOR WINDING PAPER**  
[54] **APPAREIL ET PROCEDE DE BOBINAGE DE PAPIER**  
[72] MYREN, H. INGEMAR, SE  
[71] VALMET-KARLSTAD AB, SE  
[85] 2001-06-15  
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[25] EN  
[54] **IMIDAZOLE COMPOUNDS AND MEDICINAL USE THEREOF**  
[54] **COMPOSES D'IMIDAZOLE ET UTILISATION MEDICINALE DE CES COMPOSES**  
[72] YAMASAKI, NORITSUGU, JP  
[72] OKU, TERUO, JP  
[72] KAYAKIRI, HIROSHI, JP  
[72] SETOI, HIROYUKI, JP  
[72] HIRAMURA, TAKAHIRO, JP  
[72] IMOTO, TAKAFUMI, JP  
[72] ISHIBASHI, NAOKI, JP  
[72] HAMASHIMA, HITOSHI, JP  
[72] SAWADA, HITOSHI, JP  
[72] ABE, YOSHITO, JP  
[71] FUJISAWA PHARMACEUTICAL CO., LTD., JP  
[85] 2001-06-22  
[86] 1999-12-20 (PCT/JP99/07160)  
[87] 2000-07-06 (WO00/39097)  
[30] JP (10/367362) 1998-12-24  
[30] JP (11/228838) 1999-08-12

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[51] **Int.Cl. 7A61K 7/00 7A61F 13/00 7A01N 25/00**  
[25] EN  
[54] **COMPOSITIONS AND METHODS OF USING THE SAME**  
[54] **COMPOSITIONS ET PROCEDES D'UTILISATION ASSOCIES**  
[72] HOMOLA, ANDREW M., US  
[72] DUNTON, RONALD K., US  
[72] PITTS, GARY, US  
[71] FOUR STAR PARTNERS, US  
[85] 2001-06-22  
[86] 1999-12-23 (PCT/US99/30003)  
[87] 2000-07-06 (WO00/38617)  
[30] US (60/113,950) 1998-12-24  
[30] US (60/117,283) 1999-01-26

[21] **2,356,843**  
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[51] **Int.Cl. 7A63B 53/04**  
[25] EN  
[54] **GOLF CLUB WOOD HEAD WITH OPTIMUM AERODYNAMIC STRUCTURE**  
[54] **TETE DE CLUB DE GOLF EN BOIS PRESENTANT UNE STRUCTURE AERODYNAMIQUE OPTIMALE**  
[72] DOMAS, ANDREW A., US  
[71] DOMAS, ANDREW A., US  
[85] 2001-06-28  
[86] 1999-11-24 (PCT/US99/28071)  
[87] 2000-06-08 (WO00/32276)  
[30] US (09/200,901) 1998-11-24

[21] **2,356,846**  
[13] A1

[51] **Int.Cl. 7G06F 17/30**  
[25] EN  
[54] **GENERALIZED MULTI-INTERFACED EXTENSIBLE CONTENT MANAGEMENT AND DELIVERY SYSTEM, AND ON-LINE CALENDAR**  
[54] **SYSTEME DE GESTION ET DE REMISE DE CONTENU EXTENSIBLE A INTERFACES MULTIPLES GENERALISE, ET AGENDA EN LIGNE**  
[72] GAUL, DONNA F., US  
[72] YEE, KENNETH C., US  
[72] YU, KUN, US  
[72] WETZEL, JOHN E., US  
[72] YEE, SUSAN C., US  
[72] COLSON, JAY H., US  
[72] MARTIN, RICHARD, D., US  
[71] ACTIVE DATA EXCHANGE, INC., US  
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[21] **2,356,861**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7C12N 15/10**  
[25] EN  
[54] **METHOD OF IDENTIFYING NUCLEIC ACIDS**  
[54] **PROCEDE D'IDENTIFICATION D'ACIDES NUCLEIQUES**  
[72] ROTHBERG, JONATHAN M., US  
[72] MCKENNA, MICHAEL, US  
[72] SHIMKETS, RICHARD A., US  
[72] PREDKI, PAUL, US  
[72] WINDEMUTH, ANDREAS, US  
[71] CURAGEN CORPORATION, US  
[85] 2001-06-28  
[86] 2000-01-07 (PCT/US00/00402)  
[87] 2000-07-13 (WO00/40757)  
[30] US (60/115,109) 1999-01-08  
[30] US (09/417,386) 1999-10-13

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[13] A1

[51] **Int.Cl. 7C12N 5/08 7A61P 37/06 7A61K 35/14 7A61K 35/28**  
[25] EN  
[54] **GRAFT VERSUS HOST DISEASE**  
[54] **REACTION DU GREFFON CONTRE L'HOTE**  
[72] SPANER, DAVID ELLIOTT, CA  
[71] VASOGEN IRELAND LIMITED, IE  
[85] 2001-01-04  
[86] 1999-07-30 (PCT/CA99/00706)  
[87] 2000-02-10 (WO00/06703)  
[30] CA (2,244,554) 1998-07-30

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[13] A1

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[54] **ASSAYS FOR LIGANDS FOR NUCLEAR RECEPTORS**  
[54] **METHODES DE TITRAGE DE LIGANDS DE RECEPTEURS NUCLEAIRES**  
[72] STIMMEL, JULIE BETH, US  
[72] WILLSON, TIMOTHY MARK, US  
[72] PARKS, DEREK J., US  
[72] BLANCHARD, STEVEN GERARD, US  
[72] KLIEWER, STEVEN ANTHONY, US  
[72] LEHMANN, JURGEN, US  
[71] GLAXO GROUP LIMITED, GB  
[85] 2001-06-22  
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[30] US (60/135,097) 1998-12-23

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[54] **PROCEDES DE DISCRIMINATION ROBUSTE DE PROFILS**  
[72] FRIEND, STEPHEN H., US  
[72] STOUGHTON, ROLAND, US  
[71] ROSETTA INPHARMATICS, INC., US  
[85] 2001-06-22  
[86] 1999-12-21 (PCT/US99/30577)  
[87] 2000-07-06 (WO00/39337)  
[30] US (09/220,274) 1998-12-23  
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[21] **2,356,895**  
[13] A1

[51] **Int.Cl. 7A61K 31/70 7A61K 9/20**  
[25] EN  
[54] **ACICLOVIR COMPOSITIONS CONTAINING DIMETHICONE**  
[54] **COMPOSITIONS D'ACYCLOVIR CONTENANT DU DIMETHICONE**  
[72] GOWER, DAVID, GB  
[72] CHEEMA, PARBINDER SINGH, GB  
[72] SABEY, TIMOTHY GILES, GB  
[72] MOUNTER, ANDREW DAVID, GB  
[71] GLAXO GROUP LIMITED, GB  
[85] 2001-06-22  
[86] 1999-12-21 (PCT/EP99/10155)  
[87] 2000-07-06 (WO00/38695)  
[30] GB (9828620.6) 1998-12-23

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[13] A1

[51] **Int.Cl. 7C06B 45/10 7C06B 31/00 7C06B 47/08 7C06B 31/28 7C06B 25/34**  
[25] EN  
[54] **NONAZIDE AMMONIUM NITRATE BASED GAS GENERANT COMPOSITIONS THAT BURN AT AMBIENT PRESSURE**  
[54] **COMPOSITIONS DE PRODUCTION DE GAZ A BASE DE NITRATE D'AMMONIUM, SANS AZOTURE, BRULANT A PRESSION ATMOSPHERIQUE**  
[72] LUKE, DANIEL S., US  
[72] LUNDSTROM, NORMAN H., US  
[72] SCHEFFEE, ROBERT S., US  
[71] ATLANTIC RESEARCH CORPORATION, US  
[85] 2001-06-22  
[86] 1999-12-22 (PCT/US99/30532)  
[87] 2000-07-06 (WO00/39053)  
[30] US (09/220,015) 1998-12-23

[21] **2,356,905**  
[13] A1

[51] **Int.Cl. 6G02B 6/35**  
[25] EN  
[54] **OPTICAL MICROSWITCH WITH ROTARY ELECTROSTATIC MICROACTUATOR**  
[54] **MICRORUPTEUR AVEC MICROACTIONNEUR ELECTROSTATIQUE ROTATIF**  
[72] HEANUE, JOHN F., US  
[71] IOLON, INC., US  
[85] 2001-06-14  
[86] 1999-12-15 (PCT/US99/29715)  
[87] 2000-06-22 (WO00/36447)  
[30] US (60/112,263) 1998-12-15  
[30] US (60/123,512) 1999-03-08  
[30] US (60/112,265) 1998-12-15

[21] **2,356,909**  
[13] A1

[51] **Int.Cl. 7C10G 45/04 7C10G 11/00 7B01J 23/00 7C10G 11/02 7C10G 11/04 7C10G 29/04 7C10G 45/60**  
[25] EN  
[54] **HYDROPROCESSING USING BULK GROUP VIII/GROUP VIB CATALYSTS**  
[54] **PROCEDE D'HYDROCRAQUAGE METTANT EN OEUVRE DES CATALYSEURS EN VRAC DES GROUPE VIII ET VIB**  
[72] MISEO, SABATO, US  
[72] SOLED, STUART LEON, US  
[72] KRYCAK, ROMAN, US  
[72] VROMAN, HILDA B., US  
[72] RILEY, KENNETH LLOYD, US  
[72] HO, TEH CHUNG, US  
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US  
[85] 2001-06-26  
[86] 2000-01-14 (PCT/US00/00993)  
[87] 2000-07-20 (WO00/42126)  
[30] US (09/231,156) 1999-01-15

[21] **2,356,914**  
[13] A1

[51] **Int.Cl. 7B01F 3/08 7C02F 1/68**  
[25] EN  
[54] **METHOD AND DEVICE FOR REGULATED INJECTION OF LIQUID CARBON DIOXIDE IN A PRESSURISED LIQUID**  
[54] **PROCEDE ET DISPOSITIF D'INJECTION REGULEE DE DIOXYDE DE CARBONE LIQUIDE DANS UN LIQUIDE SOUS PRESSION**  
[72] BERNARD, FREDERIC, FR  
[72] BRAS, DOMINIQUE, FR  
[72] BUIL, JOSE, FR  
[71] L' AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED ES GEORGES CLAUDE, FR  
[85] 2001-06-27  
[86] 1999-11-29 (PCT/FR99/02946)  
[87] 2000-07-06 (WO00/38825)  
[30] FR (98/16534) 1998-12-29

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[13] A1

[51] **Int.Cl. 7C08J 9/14**  
[25] EN  
[54] **EXTRUDED STYRENE RESIN FOAMS AND METHODS FOR PRODUCING THE SAME**  
[54] **MOUSSE EN RESINE STYRENE EXTRUDEE ET SON PROCEDE DE PRODUCTION**  
[72] YOSHIDA, TORU, JP  
[72] OOHARA, YOUICHI, JP  
[72] FUJIWARA, HIROSHI, JP  
[72] HIROSE, FUMINOBU, JP  
[72] SATO, TAKESHI, JP  
[71] KANEKA CORPORATION, JP  
[85] 2001-06-27  
[86] 2000-10-26 (PCT/JP00/07489)  
[87] 2001-05-03 (WO01/30896)  
[30] JP (11/305771) 1999-10-27  
[30] JP (11/314263) 1999-11-04  
[30] JP (11/317419) 1999-11-08  
[30] JP (11/318796) 1999-11-09  
[30] JP (2000-135024) 2000-05-08  
[30] JP (2000-140872) 2000-05-12  
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[72] VILLAESCUSA ALONSO, LUIS  
ANGEL, ES  
[72] CAMBLOR FERNANDEZ, MIGUEL  
ANGEL, ES  
[71] CONSEJO SUPERIOR DE  
INVESTIGACIONES CIENTIFICAS, ES  
[71] UNIVERSIDAD POLITÉCNICA DE  
VALENCIA, ES  
[85] 2001-06-22  
[86] 1999-12-22 (PCT/ES99/00401)  
[87] 2000-06-29 (WO00/37360)  
[30] ES (P 9802697) 1998-12-22

[21] **2,356,926**  
[13] A1

[51] **Int.Cl. 7C12N 15/62 7A61K 48/00**  
**7A61P 35/00 7A01K 67/027 7C12N 5/10**  
**7G01N 33/50 7C12N 15/60 7C12N 15/86**  
[25] EN  
[54] **METHIONINASE GENE THERAPY**  
**FOR TUMOR TREATMENT**  
[54] **THERAPIE GENIQUE DE**  
**METHIONINASE POUR LE**  
**TRAITEMENT DES TUMEURS**  
[72] TAN, YUYING, US  
[72] XU, MINGXU, US  
[71] ANTICANCER, INC., US  
[85] 2001-06-28  
[86] 1999-11-18 (PCT/US99/27288)  
[87] 2000-05-25 (WO00/29589)  
[30] US (09/195,055) 1998-11-18

[21] **2,356,927**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68**  
[25] EN  
[54] **DETECTION OF NUCLEIC ACID**  
**HYBRIDS**  
[54] **DETECTION D'HYBRIDES**  
**D'ACIDES NUCLEIQUES**  
[72] WOOD, KEITH V., US  
[72] LEIPPE, DONNA, US  
[72] OLSON, RYAN J., US  
[72] GU, TRENT, US  
[72] HARTNETT, JAMES ROBERT, US  
[72] LEWIS, MARTIN K., US  
[72] RHODES, RICHARD B., US  
[72] KEPHART, DANIEL, US  
[72] MANDREKAR, MICHELLE, US  
[72] ANDREWS, CHRISTINE ANN, US  
[72] WELCH, ROY, US  
[72] SHULTZ, JOHN WILLIAM, US  
[71] PROMEGA CORPORATION, US  
[85] 2001-06-28  
[86] 2000-02-18 (PCT/US00/04242)  
[87] 2000-08-24 (WO00/49180)  
[30] US (09/252,436) 1999-02-18  
[30] US (09/358,972) 1999-07-21  
[30] US (09/383,316) 1999-08-25

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[13] A1

[51] **Int.Cl. 7A61K 41/00 7A61P 35/00**  
**7A61K 45/06**  
[25] EN  
[54] **USE OF MATRIX**  
**METALLOPROTEINASE INHIBITOR**  
**TOGETHER WITH AN**  
**ANTINEOPLASTIC AGENTS,**  
**OPTIONALLY ALSO TOGETHER**  
**WITH RADIATION, IN THE**  
**TREATMENT OF NEOPLASIA**  
[54] **TECHNIQUES PERMETTANT**  
**D'UTILISER UN INHIBITEUR**  
**MATRICIEL DE LA**  
**METALLOPROTEINASE ET UN OU**  
**PLUSIEURS AGENTS**  
**ANTINEOPLASIQUES COMME**  
**THERAPIE COMBINEE POUR**  
**TRAITER LES MALADIES**  
**NEOPLASIQUES**  
[72] CUNNINGHAM, JAMES J., US  
[72] MASFERRER, JAIME L., US  
[72] MCKEARN, JOHN P., US  
[72] GORDON, GARY, US  
[72] GATELY, STEPHEN T., US  
[72] KOKI, ALANE T., US  
[71] G.D. SEARLE & CO., US  
[85] 2001-06-22  
[86] 1999-12-22 (PCT/US99/30699)  
[87] 2000-07-06 (WO00/38718)  
[30] US (60/113,786) 1998-12-23

[21] **2,356,931**  
[13] A1

[51] **Int.Cl. 7A01K 5/02**  
[25] EN  
[54] **ARRANGEMENT FOR**  
**INDIVIDUAL FEEDING OF FREE-**  
**RANGE ANIMALS**  
[54] **AGENCEMENT PERMETTANT**  
**D'ALIMENTER INDIVIDUELLEMENT**  
**DES ANIMAUX EN LIBERTE**  
[72] LARSEN, JESPER KRISTOFFER, DK  
[71] KRISTOFFER LARSEN  
INNOVATION A/S, DK  
[85] 2001-06-26  
[86] 1999-12-23 (PCT/DK99/00730)  
[87] 2000-07-06 (WO00/38502)  
[30] DK (PA 1998 01717) 1998-12-23  
[30] DK (PA 1999 01213) 1999-09-01

[21] **2,356,932**  
[13] A1

[51] **Int.Cl. 7B62M 13/02 7B62M 23/02**  
[25] EN  
[54] **AUTOMATIC TRANSMISSION**  
**FOR ELECTRIC BICYCLE**  
[54] **TRANSMISSION AUTOMATIQUE**  
**POUR BICYCLETTE ELECTRIQUE**  
[72] HONG, SEOK-GI, KR  
[71] HONG, SEOK-GI, KR  
[85] 2001-06-27  
[86] 1999-11-11 (PCT/KR99/00678)  
[87] 2000-07-13 (WO00/40456)  
[30] KR (1999/00590) 1999-01-07  
[30] KR (1999/46135) 1999-10-22

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[13] A1

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[54] **SERINE PROTEASE INHIBITORS**  
[54] **INHIBITEURS DE LA SERINE PROTEASE**

[72] FLYGARE, JOHN A., US  
[72] GOLDSMITH, RICHARD A., US  
[72] ALIAGAS-MARTIN, IGNACIO, US  
[72] ARTIS, DEAN R., US  
[72] DINA, MICHAEL S., US  
[72] RAWSON, THOMAS E., US  
[72] SUTHERLIN, DANIEL P., US  
[72] MUNROE, REGINA A., US  
[72] ROBARGE, KIRK D., US  
[72] WEESE, KENNETH J., US  
[72] PASTOR, RICHARD, US  
[72] ZHU, YAN, US  
[72] ZHOU, AIHE, US  
[72] OLIVERO, ALAN G., US  
[71] GENENTECH, INC., US  
[85] 2001-06-26  
[86] 2000-01-11 (PCT/US00/00673)  
[87] 2000-07-20 (WO00/41531)  
[30] US (60/115,772) 1999-01-13  
[30] US (60/152,029) 1999-09-01

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[13] A1

[51] **Int.Cl. 6C12N 15/63 6A61K 48/00**

[25] EN  
[54] **RECOMBINANT HERPES SIMPLEX VIRUS USEFUL FOR TREATING NEOPLASTIC DISEASE**  
[54] **VIRUS DE L'HERPES SIMPLEX RECOMBINANT UTILE DANS LE TRAITEMENT DES MALADIES NEOPLASIQUES**

[72] WHITLEY, RICHARD J., US  
[72] ROIZMAN, BERNARD, US  
[71] ARCH DEVELOPMENT CORPORATION, US  
[85] 2001-06-29  
[86] 1998-12-31 (PCT/US98/27902)  
[87] 2000-07-13 (WO00/40734)

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[13] A1

[51] **Int.Cl. 7H01L 23/31 7H01L 21/56**

[25] EN  
[54] **SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME**  
[54] **DISPOSITIF A SEMI-CONDUCTEUR ET PROCEDE DE FABRICATION ASSOCIE**

[72] WAKABAYASHI, TAKESHI, JP  
[71] CASIO COMPUTER CO., LTD., JP  
[85] 2001-06-26  
[86] 2000-10-31 (PCT/JP00/07659)  
[87] 2001-05-17 (WO01/35461)  
[30] JP (11/321416) 1999-11-11

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[13] A1

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[25] EN  
[54] **MODULATION OF SYSTEMIC MEMORY T CELL TRAFFICKING**  
[54] **MODULATION DU TRAFIC DES LYMPHOCYTES T A MEMOIRE DE LA CIRCULATION SYSTEMIQUE**

[72] BUTCHER, EUGENE C., US  
[72] WU, LIJUN, US  
[72] CAMPBELL, JAMES J., US  
[72] ROTTMAN, JAMES B., US  
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US  
[71] MILLENNIUM PHARMACEUTICALS, INC., US  
[85] 2001-06-27  
[86] 2000-01-14 (PCT/US00/00953)  
[87] 2000-07-20 (WO00/41724)  
[30] US (09/232,878) 1999-01-15

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[13] A1

[51] **Int.Cl. 7C04B 35/01 7C04B 35/10 7C04B 35/12 7C04B 41/88**

[25] EN  
[54] **ELECTRICALLY CONDUCTIVE CERAMICS**  
[54] **CERAMIQUES ELECTROCONDUCTRICES**

[72] JAFFREY, DONALD, AU  
[71] CERAMIC FUEL CELLS LIMITED, AU  
[85] 2001-06-26  
[86] 1999-12-23 (PCT/AU99/01140)  
[87] 2000-07-13 (WO00/40520)  
[30] AU (PP 7988) 1998-12-31

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[13] A1

[51] **Int.Cl. 7B23Q 15/14 7B23D 5/00 7B23C 3/16**

[25] EN  
[54] **METHOD FOR CUTTING A WORKPIECE**  
[54] **PROCEDE D'USINAGE D'UNE PIECE PAR ENLEVEMENT DE COPEAUX**

[72] RODERS, JURGEN, DE  
[71] RODERS, JURGEN, DE  
[85] 2001-06-27  
[86] 2000-02-01 (PCT/EP00/00811)  
[87] 2000-08-24 (WO00/48786)  
[30] DE (199 06 858.5) 1999-02-18

[21] **2,356,951**  
[13] A1

[51] **Int.Cl. 7F15D 1/12 7F42B 19/12 7B63B 1/34**

[25] EN  
[54] **METHOD AND APPARATUS FOR REDUCING DISSIPATION RATE OF FLUID EJECTED INTO BOUNDARY LAYER**  
[54] **PROCEDE ET APPAREIL REDUISANT LA VITESSE D'EVACUATION D'UN FLUIDE INJECTE DANS LA COUCHE LIMITE**

[72] BABENKO, VICTOR V., UA  
[71] BABENKO, VICTOR V., UA  
[71] CORTANA CORPORATION, US  
[85] 2001-06-27  
[86] 1999-12-30 (PCT/US99/31145)  
[87] 2000-07-06 (WO00/38824)  
[30] US (09/223,783) 1998-12-31

[21] **2,356,957**  
[13] A1

[51] **Int.Cl. 6B65D 25/48**

[25] EN  
[54] **ARRANGEMENT FOR RESEALING CARBONATED BEVERAGE CONTAINERS**  
[54] **DISPOSITIF PERMETTANT DE REFERMER HERMETIQUEMENT DES RECIPIENTS POUR BOISSONS GAZEUSES**

[72] LAURENT, HERVE J., FR  
[71] LAURENT, HERVE J., FR  
[85] 2001-06-27  
[86] 1999-12-15 (PCT/US99/29822)  
[87] 2000-07-06 (WO00/39001)  
[30] US (809/221,461) 1998-12-28

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[21] **2,356,959**  
[13] A1

[51] **Int.Cl. 7A61K 9/10 7A61K 9/127**  
[25] EN  
[54] **WATER-INSOLUBLE DRUG DELIVERY SYSTEM**  
[54] **SYSTEME DE DISTRIBUTION DE MEDICAMENT INSOLUBLE DANS L'EAU**  
[72] GUPTA, SHANKER, US  
[72] TABIBI, S. ESMAIL, US  
[72] EZENNIA, EMMANUEL I., US  
[72] VISHNUVAJALA, B. RAO, US  
[71] THE UNITED STATES OF AMERICA, REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US  
[85] 2001-06-21  
[86] 1999-12-22 (PCT/US99/30631)  
[87] 2000-06-29 (WO00/37050)  
[30] US (60/113,423) 1998-12-22

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[21] **2,356,960**  
[13] A1

[51] **Int.Cl. 7C12N 15/85 7A61K 48/00 7C12N 15/00 7C12N 15/86**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR INTRADUCTAL GENE THERAPY**  
[54] **COMPOSITIONS ET PROCEDES POUR UNE THERAPIE GENIQUE INTRACANALAIRE**  
[72] BARSKY, SANFORD H., US  
[72] ALPAUGH, MARY L., US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2001-06-27  
[86] 2000-01-20 (PCT/US00/01397)  
[87] 2000-07-27 (WO00/42972)  
[30] US (60/116,470) 1999-01-20

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[21] **2,356,962**  
[13] A1

[51] **Int.Cl. 7B65B 1/00**  
[25] EN  
[54] **BULK BAG PRE-CONDITIONER**  
[54] **DISPOSITIF DE CONDITIONNEMENT PREALABLE POUR SAC DE STOCKAGE EN VRAC**  
[72] PENDLETON, STEVENS P., US  
[71] VAC-U-MAX, US  
[85] 2001-06-27  
[86] 2000-02-23 (PCT/US00/04556)  
[87] 2001-05-31 (WO01/38172)  
[30] US (60/166,988) 1999-11-23  
[30] US (09/498,432) 2000-02-04

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[21] **2,356,965**  
[13] A1

[51] **Int.Cl. 6A45D 20/00**  
[25] EN  
[54] **HAIR DRYER APPARATUS**  
[54] **SECHE-CHEVEUX**  
[72] ALLEN, DONAVAN J., US  
[71] ALLEN, DONAVAN J., US  
[85] 2001-06-27  
[86] 1999-06-22 (PCT/US99/14011)  
[87] 2000-07-13 (WO00/40113)  
[30] US (09/227,376) 1999-01-08

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[21] **2,356,966**  
[13] A1

[51] **Int.Cl. 7C07C 323/60 7A61K 31/16 7C07D 213/40 7A61K 31/40 7A61K 31/44 7C07D 209/48**  
[25] EN  
[54] **AMIDOMALONAMIDES AND THEIR USE AS INHIBITORS OF MATRIX METALLOPROTEINASE**  
[54] **AMIDOMALONAMIDES ET LEURS UTILISATIONS COMME INHIBITEURS DES METALLOPROTEINASES MATRICIELLES**  
[72] JANUSZ, MICHAEL J., US  
[72] WARSHAWSKY, ALAN, US  
[71] AVENTIS PHARMACEUTICALS INC., US  
[85] 2001-06-27  
[86] 1999-11-30 (PCT/US99/28338)  
[87] 2000-07-13 (WO00/40552)  
[30] US (09/224,459) 1998-12-31

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[21] **2,356,967**  
[13] A1

[51] **Int.Cl. 7B30B 9/12 7B01D 29/11 7B01D 33/11 7B01D 33/64 7B01D 29/82**  
[25] EN  
[54] **SCREW PRESS**  
[54] **PRESSE A VIS**  
[72] ISHIGAKI, EIICHI, JP  
[71] ISHIGAKI COMPANY LIMITED, JP  
[85] 2001-06-28  
[86] 2000-11-08 (PCT/JP00/07822)  
[87] 2001-05-17 (WO01/34374)  
[30] JP (11/317957) 1999-11-09

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[21] **2,356,968**  
[13] A1

[51] **Int.Cl. 7G06F 17/30 7G06F 17/60**  
[25] EN  
[54] **METHODS AND APPARATUS FOR THE DISPLAY AND SELECTION OF PRODUCTS FOR FACILITATING ELECTRONIC COMMERCE IN AREA RUGS**  
[54] **PROCEDES ET APPAREILS D'AFFICHAGE ET DE SELECTION DE PRODUITS POUR PERMETTRE LE COMMERCE ELECTRONIQUE DE PETITS TAPIS**  
[72] AMIDHOZOUR, RAHIM, US  
[72] NARAGHI, HOOSHYAR F., US  
[71] ERUGGALLERY.COM, US  
[85] 2001-06-28  
[86] 2000-11-17 (PCT/US00/31699)  
[87] 2001-05-25 (WO01/37141)  
[30] US (09/444,026) 1999-11-19

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[21] **2,356,969**  
[13] A1

[51] **Int.Cl. 7C07D 207/16 7A61P 43/00 7A61K 31/401**  
[25] EN  
[54] **3-SUBSTITUTED PYRROLIDINES USEFUL AS INHIBITORS OF MATRIX METALLO-PROTEINASES**  
[54] **PYRROLIDINES 3-SUBSTITUTEES, INHIBITRICES DES METALLO-PROTEINASES MATRICIELLES**  
[72] FLYNN, GARY A., US  
[71] AVENTIS PHARMACEUTICALS INC., US  
[85] 2001-06-27  
[86] 1999-11-30 (PCT/US99/28234)  
[87] 2000-07-13 (WO00/40553)  
[30] US (09/224,456) 1998-12-31

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[21] **2,356,970**  
[13] A1

[51] **Int.Cl. 7C08G 18/62 7C09D 175/04 7C08G 18/08 7C09D 133/14 7C08G 18/70**  
[25] EN  
[54] **AQUEOUS COATING COMPOSITION AND A POLYOL FOR SUCH A COMPOSITION**  
[54] **COMPOSITION AQUEUSE DE REVETEMENT, ET POLYOL Y RELATIF**  
[72] BRINKMAN, EGBERT, NL  
[72] VANDEVOORDE, PAUL MARIE, BE  
[72] OTTE, ROB ADRIAAN, NL  
[72] VAN EGMOND, ROBERT, NL  
[71] AKZO NOBEL N.V., NL  
[85] 2001-06-21  
[86] 1999-12-21 (PCT/EP99/10449)  
[87] 2000-07-06 (WO00/39181)  
[30] EP (98204398.6) 1998-12-24

[21] **2,356,971**  
[13] A1

[51] **Int.Cl. 7B07B 1/46**  
[25] EN  
[54] **MOUNTING SYSTEM FOR MODULAR PANELS USED IN A SCREEN DECK**  
[54] **SYSTEME DE MONTAGE DE PANNEAUX MODULAIRES UTILISES DANS UNE SURFACE DE CRIBLAGE**  
[72] GILLES, STEPHEN R., US  
[72] MOSER, ROBERT E., JR., US  
[72] PRESLEY, ALAN E., US  
[71] UNITED STATES FILTER CORPORATION, US  
[85] 2001-06-28  
[86] 2000-01-14 (PCT/US00/01051)  
[87] 2000-07-27 (WO00/43134)  
[30] US (09/233,565) 1999-01-19

[21] **2,356,972**  
[13] A1

[51] **Int.Cl. 7H02H 9/00**  
[25] EN  
[54] **MODE SELECTABLE POWER RECEPTACLE**  
[54] **PRISE D'ALIMENTATION ELECTRIQUE A MODE SELECTIONNABLE**  
[72] ANROD, STEPHEN C., US  
[71] ANROD, STEPHEN C., US  
[85] 2001-06-27  
[86] 1999-12-28 (PCT/US99/31062)  
[87] 2000-07-06 (WO00/39906)  
[30] US (09/224,064) 1998-12-29

[21] **2,356,973**  
[13] A1

[51] **Int.Cl. 7H01M 2/08**  
[25] EN  
[54] **IMPACT MODIFIED POLYSTYRENE SEALS FOR ELECTROCHEMICAL CELLS**  
[54] **JOINTS EN POLYSTYRENE PRESENTANT UNE CARACTERISTIQUE DE MODIFICATION D'IMPACT POUR PILES ELECTROCHIMIQUES**  
[72] SCHUBERT, MARK A., US  
[71] EVEREADY BATTERY COMPANY, INC., US  
[85] 2001-06-29  
[86] 1999-12-21 (PCT/US99/30522)  
[87] 2000-07-06 (WO00/39863)  
[30] US (09/222,144) 1998-12-29

[21] **2,356,974**  
[13] A1

[51] **Int.Cl. 7B65D 21/02 7B65D 75/36 7B65D 5/52**  
[25] EN  
[54] **PRODUCT PACKAGING ARRANGEMENT HAVING RETAINER**  
[54] **DISPOSITIF D'EMPAQUETAGE DE PRODUITS COMPORTANT UN ORGANE DE RETENUE**  
[72] UREN, WAYNE E., US  
[72] PIRRO, JEFFREY P., US  
[71] EVEREADY BATTERY COMPANY, INC., US  
[85] 2001-06-29  
[86] 2000-10-31 (PCT/US00/30003)  
[87] 2001-05-10 (WO01/32518)  
[30] US (60/162,991) 1999-11-01

[21] **2,356,975**  
[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **METHODS AND APPARATUS FOR THE APPRAISAL OF PRODUCTS FOR FACILITATING ELECTRONIC COMMERCE IN AREA RUGS**  
[54] **PROCEDES ET APPAREIL D'EVALUATION DE PRODUITS POUR FACILITER LE COMMERCE ELECTRONIQUE DE PETITS TAPIS**  
[72] AMIDHOZOUR, RAHIM, US  
[72] NARAGHI, HOOSHYAR F., US  
[71] ERUGGALLERY.COM, US  
[85] 2001-06-27  
[86] 2000-11-17 (PCT/US00/31700)  
[87] 2001-05-25 (WO01/37179)  
[30] US (09/444,023) 1999-11-19

[21] **2,356,977**  
[13] A1

[51] **Int.Cl. 7A23L 3/00 7B01J 8/46**  
[25] EN  
[54] **APPARATUS FOR GAS TREATMENT OF PRODUCTS**  
[54] **APPAREIL DE TRAITEMENT GAZEUX DE PRODUITS**  
[72] MALMBERG, JONNY, SE  
[72] BLIXT, PER, SE  
[72] WILSON, RICK, US  
[72] HOCKER, JON A., US  
[71] FRIGOSCANDIA EQUIPMENT AB, SE  
[85] 2001-06-28  
[86] 2000-01-20 (PCT/SE00/00110)  
[87] 2000-07-27 (WO00/42869)  
[30] SE (9900166-1) 1999-01-20

[21] **2,356,979**  
[13] A1

[51] **Int.Cl. 7A61F 2/38**  
[25] EN  
[54] **A PROSTHESIS STRUCTURE**  
[54] **STRUCTURE DE PROTHESE**  
[72] WENNBERG, STIG, SE  
[72] JACOBSSON, MAGNUS, SE  
[72] CARLSSON, LARS, SE  
[72] ROSTLUND, TORD, SE  
[72] ALBREKTSSON, BJORN, SE  
[71] ASTRA TECH AB, SE  
[85] 2001-06-21  
[86] 1999-12-21 (PCT/SE99/02464)  
[87] 2000-06-29 (WO00/36998)  
[30] SE (9804492-8) 1998-12-22

[21] **2,356,981**  
[13] A1

[51] **Int.Cl. 7F22B 31/00 7F23C 10/10**  
[25] EN  
[54] **STEAM GENERATOR HAVING AN IMPROVED STRUCTURAL SUPPORT SYSTEM**  
[54] **GENERATEUR DE VAPEUR COMPORTANT UN SYSTEME SUPPORT STRUCTUREL AMELIORE**  
[72] MCNARY, STEVEN F., US  
[72] MYLCHREEST, DONALD G., US  
[72] PHYFE, NICOLE M., US  
[72] TUREK, DAVID G., US  
[72] ANDERSON, DAVID K., US  
[72] CHIU, JOHN H., US  
[71] ALSTOM POWER INC., US  
[85] 2001-06-27  
[86] 1999-12-01 (PCT/US99/28418)  
[87] 2000-08-03 (WO00/45089)  
[30] US (09/241,158) 1999-02-01

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[21] **2,356,982**  
[13] A1

[51] **Int.Cl. 6G06F 15/173**  
[25] EN  
[54] **DYNAMIC POLICY  
MANAGEMENT APPARATUS AND  
METHOD USING ACTIVE NETWORK  
DEVICES**  
[54] **GESTION DYNAMIQUE D'UNE  
POLITIQUE, ET APPAREIL ET  
PROCEDES UTILISANT DES  
DISPOSITIFS ACTIFS DE RESEAU**  
[72] NESSETT, DANNY M., US  
[72] LUO, WENJUN, US  
[72] LUSHER, ELAINE, US  
[72] EICHERT, STUART, US  
[71] 3COM CORPORATION, US  
[85] 2001-06-28  
[86] 1999-11-29 (PCT/US99/28199)  
[87] 2000-07-13 (WO00/41091)  
[30] US (09/223,829) 1998-12-31

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[21] **2,356,984**  
[13] A1

[51] **Int.Cl. 7H01M 4/52 7C01G 53/00  
7C01G 53/04**  
[25] EN  
[54] **NICKEL MIXED HYDROXIDE,  
METHOD FOR THE PRODUCING THE  
SAME, AND THE USE THEREOF AS A  
CATHODE MATERIAL IN ALKALINE  
BATTERIES**  
[54] **HYDROXYDE MIXTE DE NICKEL,  
SON PROCEDE DE FABRICATION ET  
SON UTILISATION COMME  
MATERIAU CATHODE DANS LES  
PILES ALCALINES**  
[72] STOLLER, VIKTOR, DE  
[72] OLBRICH, ARMIN, DE  
[72] STROBELE, SANDRA, DE  
[72] AXMANN, PETER, DE  
[72] DITTRICH, HERBERT, DE  
[72] KASPER, MICHAEL, DE  
[72] WOHLFAHRT-MEHRENS,  
MARGRET, DE  
[72] MEESE-MARKTSCHIEFFEL,  
JULIANE, DE  
[71] H.C. STARCK GMBH & CO. KG, DE  
[85] 2001-06-21  
[86] 1999-12-14 (PCT/EP99/09912)  
[87] 2000-07-06 (WO00/39865)  
[30] DE (198 60 143.3) 1998-12-24  
[30] DE (199 39 025.8) 1999-08-18

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[21] **2,356,987**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 48/00  
7A61K 38/02 7C12N 5/10 7C07K 16/18  
7C07K 14/47 7G01N 33/50 7G01N 33/53  
7C12N 15/62 7C12Q 1/68**  
[25] EN  
[54] **COMPOUNDS FOR  
IMMUNOTHERAPY AND DIAGNOSIS  
OF COLON CANCER AND METHODS  
FOR THEIR USE**  
[54] **COMPOSES DESTINES A  
L'IMMUNOTHERAPIE ET AU  
DIAGNOSTIC DU CANCER DU COLON  
ET METHODES D'UTILISATION**  
[72] WANG, TONGTONG, US  
[72] STOLK, JOHN, US  
[72] YUQIU, JIANG, US  
[72] MEAGHER, MADELEINE JOY, US  
[72] XU, JIANGCHUN, US  
[72] LODES, MICHAEL J., US  
[72] BENSON, DARIN R., US  
[72] SECRIST, HEATHER, US  
[71] CORIXA CORPORATION, US  
[85] 2001-06-26  
[86] 1999-12-23 (PCT/US99/30909)  
[87] 2000-06-29 (WO00/37643)  
[30] US (09/221,298) 1998-12-23  
[30] US (09/347,496) 1999-07-02  
[30] US (09/401,064) 1999-09-22  
[30] US (09/444,242) 1999-11-19  
[30] US (09/454,150) 1999-12-02

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[21] **2,356,992**  
[13] A1

[51] **Int.Cl. 7B60Q 1/14 7B60R 1/04  
7G02B 5/08**  
[25] EN  
[54] **VEHICLE EQUIPMENT CONTROL  
WITH SEMICONDUCTOR LIGHT  
SENSORS**  
[54] **COMMANDE D'EQUIPEMENT DE  
VEHICULE AVEC CAPTEURS DE  
LUMIERE A SEMI-CONDUCTEURS**  
[72] PLANGGER, DAVID L., US  
[72] SCHMIDT, DAVID J., US  
[72] POE, G. BRUCE, US  
[72] TURNBULL, ROBERT R., US  
[72] NIXON, ROBERT H., US  
[72] BECHTEL, JON H., US  
[72] STAM, JOSEPH S., US  
[72] KNAPP, ROBERT C., US  
[72] STEENWYK, TIMOTHY E., US  
[72] FOSSUM, ERIC R., US  
[72] BAUER, FREDERICK T., US  
[71] GENTEX CORPORATION, US  
[85] 2001-06-27  
[86] 2000-01-24 (PCT/US00/01830)  
[87] 2000-07-27 (WO00/43236)  
[30] US (09/236,969) 1999-01-25  
[30] US (09/237,107) 1999-01-25  
[30] US (09/290,966) 1999-04-13  
[30] US (09/307,191) 1999-05-07  
[30] US (09/307,941) 1999-05-07

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[21] **2,356,993**  
[13] A1

[51] **Int.Cl. 7A61F 7/00**  
[25] EN  
[54] **IMPROVED COOLING/HEATING  
PAD AND SYSTEM**  
[54] **COUSSIN DE REFROIDISSEMENT  
ET DE CHAUFFAGE PERFECTIONNE  
ET SYSTEME Y RELATIF**  
[72] CARSON, GARY ALLEN, US  
[71] MEDIVANCE, INC., US  
[85] 2001-06-21  
[86] 2000-01-03 (PCT/US00/00026)  
[87] 2000-07-13 (WO00/40185)  
[30] US (09/225,070) 1999-01-04  
[30] US (09/476,850) 2000-01-03

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[21] **2,356,996**  
[13] A1

[51] **Int.Cl. 6A21B 1/00 6A47J 37/00**  
**6A23L 3/00 6F24C 15/32**  
[25] EN  
[54] **MULTI-FUNCTION**  
**CONVEYORIZED FOOD BROILING**  
**AND TOASTING APPARATUS**  
[54] **APPAREIL MULTIFONCTION A**  
**CONVOYEUR POUR CUIRE AU GRIL**  
**DES DENREES ALIMENTAIRES**  
[72] STUCK, ROBERT M., US  
[71] STUCK, ROBERT M., US  
[85] 2001-06-27  
[86] 1999-12-29 (PCT/US99/31223)  
[87] 2000-07-06 (WO00/38527)  
[30] US (60/114,419) 1998-12-31

[21] **2,357,001**  
[13] A1

[51] **Int.Cl. 7H05K 3/00 7G03F 7/16**  
**7G03F 7/38 7G03F 7/40**  
[25] EN  
[54] **PRODUCTION OF PHOTORESIST**  
**COATINGS**  
[54] **OBTENTION DE COUCHES DE**  
**PHOTORESIST**  
[72] SETIABUDI, FRANS, DE  
[71] VANTICO AG, CH  
[85] 2001-06-21  
[86] 1999-12-11 (PCT/EP99/09840)  
[87] 2000-06-29 (WO00/38487)  
[30] CH (2529/98) 1998-12-22

[21] **2,357,006**  
[13] A1

[51] **Int.Cl. 6A01G 9/24 6E02B 13/00**  
**6E02B 8/06 6A01G 25/16**  
[25] EN  
[54] **A METHOD AND APPARATUS FOR**  
**FLOOD IRRIGATION**  
[54] **PROCEDE ET APPAREIL**  
**D'IRRIGATION PAR SUBMERSION**  
[72] HOLLOWAY, RUFUS M., JR., US  
[71] HOLLOWAY, RUFUS M., JR., US  
[85] 2001-06-26  
[86] 1999-11-08 (PCT/US99/26333)  
[87] 2000-08-31 (WO00/49853)  
[30] US (09/256,459) 1999-02-23  
[30] US (PCT/US99/19936) 1999-08-30

[21] **2,357,009**  
[13] A1

[51] **Int.Cl. 7B32B 25/10 7B29C 67/24**  
[25] EN  
[54] **RUBBER SHEET STRUCTURE FOR**  
**USE IN THE PRODUCTION OF SLABS**  
**OF GRANULATE OR FINE PARTICLES**  
**OF STONE MATERIAL BONDED WITH**  
**HARDENING RESIN**  
[54] **STRUCTURE DE CAOUTCHOUC**  
**EN FEUILLE DESTINE A LA**  
**PRODUCTION DE DALLES DE**  
**MATERIAU A BASE DE GRANULAT DE**  
**PIERRE LIE PAR UNE RESINE DURCIE**  
[72] TONCELLI, LUCA, IT  
[71] TONCELLI, LUCA, IT  
[85] 2001-06-27  
[86] 2000-11-28 (PCT/EP00/11883)  
[87] 2001-06-14 (WO01/42007)  
[30] IT (TV99U000055) 1999-12-06

[21] **2,357,010**  
[13] A1

[51] **Int.Cl. 7G01C 19/72 7G02B 6/44**  
[25] EN  
[54] **ADHESIVE SYSTEM FOR A FIBER**  
**OPTIC GYROSCOPE SENSING COIL**  
[54] **SYSTEME ADHESIF POUR UNE**  
**BOBINE DE DETECTION D'UN**  
**GYROSCOPE A FIBRE OPTIQUE**  
[72] OLSON, MATTHEW, US  
[72] KALISZEK, ANDREW, US  
[71] HONEYWELL INC., US  
[85] 2001-06-27  
[86] 1999-11-23 (PCT/US99/28069)  
[87] 2000-07-13 (WO00/40928)  
[30] US (09/222,260) 1998-12-28

[21] **2,357,011**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68**  
[25] EN  
[54] **MULTIPLEX METHOD FOR**  
**NUCLEIC ACID DETECTION**  
[54] **PROCEDE MULTIPLEX DE**  
**DETECTION D'ACIDES NUCLEIQUES**  
[72] LEIPPE, DONNA, US  
[72] SHULTZ, JOHN W., US  
[72] RHODES, RICHARD B., US  
[72] KEPHART, DANIEL, US  
[72] LEWIS, MARTIN K., US  
[72] ANDREWS, CHRISTINE ANN, US  
[72] HARTNETT, JAMES R., US  
[72] GU, TRENT, US  
[72] MANDREKAR, MICHELLE, US  
[72] WELCH, ROY, US  
[72] WOOD, KEITH V., US  
[71] PROMEGA CORPORATION, US  
[85] 2001-06-28  
[86] 2000-02-18 (PCT/US00/04243)  
[87] 2000-08-24 (WO00/49181)  
[30] US (09/252,436) 1999-02-18  
[30] US (PCT/US99/05304) 1999-03-11  
[30] US (09/358,972) 1999-07-27  
[30] US (09/406,064) 1999-09-27

[21] **2,357,012**  
[13] A1

[51] **Int.Cl. 7G01R 1/073**  
[25] EN  
[54] **DUAL-PIN PROBE FOR TESTING**  
**CIRCUIT BOARDS**  
[54] **SONDE A DOUBLE BROCHE POUR**  
**CONTROLE DE CARTE DE CIRCUIT**  
**IMPRIME**  
[72] LUCAS, BRIAN K., GB  
[72] STOCKFORD, BRIAN, GB  
[71] PROTEUS CORPORATION, US  
[85] 2001-06-29  
[86] 1999-12-30 (PCT/US99/31236)  
[87] 2000-07-06 (WO00/39595)  
[30] US (60/114,392) 1998-12-30

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[21] **2,357,013**  
[13] A1  
[51] **Int.Cl. 7C07D 209/42 7C07D 401/12 7C07D 405/12 7A61K 31/40**  
[25] EN  
[54] **ANTI-INFLAMMATORY INDOLE DERIVATIVES**  
[54] **DERIVES D'INDOLE, ANTI-INFLAMMATOIRES**  
[72] KETTLE, JASON, GB  
[72] FAULL, ALAN WELLINGTON, GB  
[71] ASTRAZENECA UK LIMITED, GB  
[85] 2001-06-26  
[86] 2000-01-31 (PCT/GB00/00275)  
[87] 2000-08-10 (WO00/46198)  
[30] GB (9902452.3) 1999-02-05

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[21] **2,357,015**  
[13] A1  
[51] **Int.Cl. 6C07K 14/47 6C07K 19/00 6G01N 33/00 6A61K 38/17**  
[25] EN  
[54] **AGENTS FOR TREATING HUMAN ILLNESSES BASED ON .BETA.-CATENIN, AND THE PRODUCTION AND USE THEREOF**  
[54] **MOYEN DE TRAITEMENT DE PATHOLOGIES HUMAINES A PARTIR DE LA .BETA.-CATENINE, ET SON UTILISATION**  
[72] BIRCHMEIER, WALTER, DE  
[72] VON KRIES, JENS-PETER, DE  
[71] MAX-DELBRUCK-CENTRUM FUR MOLEKULARE MEDIZIN, DE  
[85] 2000-11-16  
[86] 1999-02-22 (PCT/DE99/00554)  
[87] 1999-08-26 (WO99/42481)  
[30] DE (198 07 390.9) 1998-02-21

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[21] **2,357,025**  
[13] A1  
[51] **Int.Cl. 7C01B 33/04 7B01J 8/02**  
[25] EN  
[54] **METHOD AND SYSTEM FOR PRODUCING SILANE**  
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE PRODUIRE DU SILANE**  
[72] BLOCK, HANS-DIETER, DE  
[72] RONGE, GEORG, DE  
[72] SCHAFFER, JOHANNES-PETER, DE  
[72] MULLER, DIRK, DE  
[72] LEIMKUEHLER, HANS-JOACHIM, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2001-06-21  
[86] 1999-12-14 (PCT/EP99/09915)  
[87] 2000-07-06 (WO00/39027)  
[30] DE (198 60 146.8) 1998-12-24

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[21] **2,357,028**  
[13] A1  
[51] **Int.Cl. 7C02F 1/32**  
[25] EN  
[54] **DEVICE FOR THE UV IRRADIATION, IN PARTICULAR FOR THE DISINFECTION, OF FLOWING LIQUIDS HAVING REDUCED UV TRANSMISSION**  
[54] **DISPOSITIF D'EXPOSITION AUX RAYONS ULTRAVIOLETS, NOTAMMENT POUR DESINFECTER DES LIQUIDES A TRANSMISSION D'ULTRAVIOLETS REDUITE**  
[72] WEDEKAMP, HORST, DE  
[71] WEDECO AG, DE  
[85] 2001-06-26  
[86] 1999-12-30 (PCT/EP99/10476)  
[87] 2000-07-13 (WO00/40511)  
[30] DE (198 60 530.7) 1998-12-30

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[21] **2,357,031**  
[13] A1  
[51] **Int.Cl. 7C07K 16/00 7C12P 21/06**  
[25] EN  
[54] **NOVEL HYALURONAN-BINDING PROTEINS AND ENCODING GENES**  
[54] **NOUVELLE PROTEINE DE FIXATION D'HYALURONAN ET GENES CODANTS**  
[72] TSIFRINA, ELENA, US  
[72] HASTINGS, GREGG A., US  
[72] LIAU, GENE, US  
[71] AMERICAN RED CROSS, US  
[71] HUMAN GENOME SCIENCES, INC., US  
[85] 2001-06-26  
[86] 1999-12-20 (PCT/US99/30462)  
[87] 2000-07-06 (WO00/39166)  
[30] US (60/113,871) 1998-12-23

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[21] **2,357,035**  
[13] A1  
[51] **Int.Cl. 7C12N 5/02 7C12N 5/06 7C12N 5/08**  
[25] EN  
[54] **USE OF CD40 ENGAGEMENT TO ALTER T CELL RECEPTOR USAGE**  
[54] **UTILISATION DE L'ACCOUPLLEMENT DE CD40 POUR MODIFIER L'USAGE DU RECEPTEUR DES LYMPHOCYTES T**  
[72] NEWELL, MARTHA K., US  
[72] WAGNER, DAVID, US  
[72] NEWELL, EVAN, US  
[71] UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE, US  
[85] 2001-06-28  
[86] 1999-12-22 (PCT/US99/30930)  
[87] 2000-07-06 (WO00/39283)  
[30] US (60/114,106) 1998-12-29

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[21] **2,357,036**  
[13] A1  
[51] **Int.Cl. 7C07H 21/04 7C07K 1/00 7C12P 21/06 7C12N 1/20**  
[25] EN  
[54] **DNA MOLECULES ENCODING SPLICE VARIANTS OF THE HUMAN MELANOCORTIN 1 RECEPTOR PROTEIN**  
[54] **MOLECULES D'ADN CODANT DES VARIANTS D'EPISSAGE DE LA PROTEINE HUMAINE DU RECEPTEUR DE MELANOCORTINE-1**  
[72] HOWARD, ANDREW D., US  
[72] VAN DER PLOEG, LEONARDUS H. T., US  
[72] MACNEIL, DOUGLAS J., US  
[71] MERCK & CO., INC., US  
[85] 2001-06-21  
[86] 1999-12-16 (PCT/US99/29963)  
[87] 2000-07-06 (WO00/39147)  
[30] US (60/113,401) 1998-12-23

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[21] **2,357,782**  
[13] A1  
[51] **Int.Cl. 7F16J 15/54**  
[25] EN  
[54] **IMPROVED BEARING ISOLATOR**  
[54] **DISPOSITIF PERFECTIONNE D'ISOLEMENT DE PALIER**  
[72] COE, THOMAS D., US  
[72] ORLOWSKI, DAVID C., US  
[71] ISOTECH OF ILLINOIS, INC., US  
[85] 2001-06-28  
[86] 2000-10-19 (PCT/US00/41288)  
[87] 2001-05-03 (WO01/31236)  
[30] US (09/428,982) 1999-10-28

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[21] **2,358,432**  
[13] A1

[51] **Int.Cl. 7G06F 17/30**  
[25] EN  
[54] **SYSTEM AND METHOD FOR RETRIEVING INFORMATION WITH NATURAL LANGUAGE QUERIES**  
[54] **SYSTEME ET PROCEDE POUR RETROUVER DES INFORMATIONS PAR DES INTERROGATIONS EN LANGAGE NATUREL**  
[72] KAISER, MATTHIAS, US  
[71] SAP AKTIENGESELLSCHAFT, DE  
[85] 2001-06-28  
[86] 2000-10-24 (PCT/EP00/10454)  
[87] 2001-05-10 (WO01/33414)  
[30] DE (199 52 769.5) 1999-11-02

[21] **2,358,771**  
[13] A1

[51] **Int.Cl. 7G01N 21/00 7C09D 163/00 7G02B 6/04 7G02B 6/44**  
[25] EN  
[54] **METHOD FOR PROTECTING A FIBER OPTIC PROBE AND THE RESULTING FIBER OPTIC PROBE**  
[54] **PROCEDE DE PROTECTION D'UNE SONDE A FIBRES OPTIQUES ET SONDE A FIBRES OPTIQUES OBTENUE PAR CE PROCEDE**  
[72] FARQUHAR, DAVID, US  
[72] LINCOLN, DANNY, US  
[72] HARRELL, TIM, US  
[72] PAPP, JOSEPH, US  
[72] KUMAR, KRISHNA, US  
[71] SPECTRX, INC., US  
[85] 2001-07-09  
[86] 1999-11-02 (PCT/US99/31335)  
[87] 2001-07-26 (WO01/53856)  
[30] US (60/106,749) 1998-11-02  
[30] US (09/431,180) 1999-11-01

[21] **2,359,702**  
[13] A1

[51] **Int.Cl. 7B07B 7/04**  
[25] EN  
[54] **MICROMACHINED VIRTUAL IMPACTOR**  
[54] **IMPACTEUR VIRTUEL MICRO-USINE**  
[72] MOLER, CHRISTOPHER L., US  
[72] BIRMINGHAM, JOSEPH G., US  
[72] KENNING, VANESSA M., US  
[72] CALL, PATRICK T., US  
[71] MESOSYSTEMS TECHNOLOGY, INC., US  
[85] 2001-07-03  
[86] 2001-01-29 (PCT/US01/03018)  
[87] 2001-08-02 (WO01/54784)  
[30] US (09/494,962) 2000-01-31

[21] **2,361,124**  
[13] A1

[51] **Int.Cl. 7A61K 39/00 7A61K 48/00 7A61P 25/00 7A61P 25/08 7A61P 25/16 7A61P 25/24 7C07K 16/28 7A61P 25/28 7A61K 39/395 7C07K 14/705**  
[25] EN  
[54] **VACCINE-MEDIATED TREATMENT OF NEUROLOGICAL DISORDERS**  
[54] **TRAITEMENT DE TROUBLES PSYCHOLOGIQUES A BASE DE VACCIN**  
[72] DURING, MATTHEW JOHN, US  
[71] DURING, MATTHEW JOHN, US  
[85] 2001-07-20  
[86] 2000-01-24 (PCT/US00/02016)  
[87] 2000-07-27 (WO00/43039)  
[30] US (60/116,748) 1999-01-22  
[30] US (60/127,142) 1999-03-31

[21] **2,361,334**  
[13] A1

[51] **Int.Cl. 7C12N 9/68 7A61K 38/49**  
[25] EN  
[54] **DEGLYCOSYLATED KRINGLE 1-5 REGION FRAGMENTS OF PLASMINOGEN AND METHODS OF USE**  
[54] **FRAGMENTS DYGLYCOSYLES DE REGION 1-5 KRINGLE DU PLASMINOGENE ET SES METHODES D'UTILISATION**  
[72] LIANG, HONG, US  
[72] PIRIE-SHEPHERD, STEPHEN, US  
[72] FOLKMAN, M. JUDAH, US  
[72] MACDONALD, NICHOLAS J., US  
[72] SIM, KIM LEE, US  
[71] ENTREMED, INC., US  
[71] THE CHILDREN'S MEDICAL CENTER CORPORATION, US  
[85] 2001-08-09  
[86] 2000-02-10 (PCT/US00/03482)  
[87] 2000-08-17 (WO00/47729)  
[30] US (60/119,562) 1999-02-10  
[30] US (60/128,062) 1999-04-07

[21] **2,361,505**  
[13] A1

[51] **Int.Cl. 7G08B 13/24**  
[25] EN  
[54] **IMPROVEMENTS IN OR RELATING TO PACKAGING/DISPLAY OF PRODUCTS**  
[54] **AMELIORATIONS CONCERNANT L'EMBALLAGE ET LA PRESENTATION DE PRODUITS**  
[72] HEPWORTH, PAUL STEABBEN, GB  
[72] SKILLINGS, SIMON JAMES, GB  
[72] BRADFIELD, IAIN, GB  
[71] TURNER INTELLECTUAL PROPERTY LIMITED, GB  
[85] 2001-07-30  
[86] 2000-12-08 (PCT/GB00/04688)  
[87] 2001-06-14 (WO01/43101)  
[30] GB (9928987.8) 1999-12-09

[21] **2,361,538**  
[13] A1

[51] **Int.Cl. 7G06F 15/00 7G06F 13/00 7G10K 15/04 7H04L 9/08 7H04L 9/32 7G06F 17/60**  
[25] EN  
[54] **REGISTERING DEVICE AND METHOD, INFORMATION PROCESSING DEVICE AND METHOD, PROVIDING DEVICE AND METHOD, AND PROGRAM STORAGE MEDIUM**  
[54] **DISPOSITIF ET PROCEDE D'ENREGISTREMENT, DISPOSITIF ET PROCEDE DE TRAITEMENT DE L'INFORMATION, DISPOSITIF ET PROCEDE DE FOURNITURE D'INFORMATIONS, ET SUPPORT D'ENREGISTREMENT DE PROGRAMMES**  
[72] TSUCHIYA, HIROKAZU, JP  
[72] NISHIBE, MITSUHIRO, JP  
[72] KAJIKAWA, TAKUYA, JP  
[72] OHAMA, MOTOHIRO, JP  
[72] KITAYA, YOSHIMICHI, JP  
[72] TAMURA, YOSHIHIRO, JP  
[72] SAKAIDA, ATSUSHI, JP  
[72] NAGATA, MINORU, JP  
[71] SONY CORPORATION, JP  
[85] 2001-07-24  
[86] 2000-12-05 (PCT/JP00/08609)  
[87] 2001-06-21 (WO01/44961)  
[30] JP (11/354465) 1999-12-14  
[30] JP (11/354466) 1999-12-14  
[30] JP (11/354467) 1999-12-14



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[21] **2,361,541**  
[13] A1  
[51] **Int.Cl. 7H01P 1/17 7H01Q 13/02**  
[25] EN  
[54] **GENERATOR OF CIRCULARLY POLARIZED WAVE**  
[54] **GENERATEUR D'ONDES A POLARISATION CIRCULAIRE**  
[72] MIYAZAKI, MORIYASU, JP  
[72] YONEDA, NAOFUMI, JP  
[71] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[85] 2001-07-31  
[86] 2000-12-08 (PCT/JP00/08689)  
[87] 2001-06-14 (WO01/43219)  
[30] JP (11/351762) 1999-12-10

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[21] **2,361,552**  
[13] A1  
[51] **Int.Cl. 7A61K 31/045 7A61P 25/06 7A61K 9/70 7A61K 35/78**  
[25] EN  
[54] **DRUGS FOR RELIEVING HEMICRANIA**  
[54] **MEDICAMENTS PERMETTANT DE SOULAGER L'HEMICRANIE**  
[72] YOKOYAMA, HIDEAKIRA, JP  
[72] HAMAMOTO, HIDETOSHI, JP  
[71] ROHTO PHARMACEUTICAL CO., LTD., JP  
[71] TEIKOKU SEIYAKU CO., LTD., JP  
[85] 2001-07-26  
[86] 1999-12-14 (PCT/JP99/07008)  
[87] 2001-06-21 (WO01/43736)

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[21] **2,361,554**  
[13] A1  
[51] **Int.Cl. 7B65D 5/04**  
[25] EN  
[54] **CARTON PANEL LOCK**  
[54] **MECANISME DE VERROUILLAGE POUR PANNEAU DE BOITE EN CARTON**  
[72] SUTHERLAND, ROBERT L., US  
[71] RIVERWOOD INTERNATIONAL CORPORATION, US  
[85] 2001-07-30  
[86] 2000-11-28 (PCT/US00/32151)  
[87] 2001-06-21 (WO01/44059)  
[30] US (09/461,878) 1999-12-15

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[21] **2,361,627**  
[13] A1  
[51] **Int.Cl. 7H04L 9/32**  
[25] EN  
[54] **METHOD, SYSTEM, DEVICE FOR PROVING THE AUTHENTICITY OF AN ENTITY AND/OR THE INTEGRITY AND/OR THE AUTHENTICITY OF A MESSAGE**  
[54] **PROCEDE, SYSTEME, DISPOSITIF DESTINES A PROUVER L'AUTHENTICITE D'UNE ENTITE ET/OU L'INTEGRITE ET/OU L'AUTHENTICITE D'UN MESSAGE**  
[72] GUILLOU, LOUIS, FR  
[72] QUISQUATER, JEAN-JACQUES, BE  
[71] FRANCE TELECOM, FR  
[71] TELEDIFFUSION DE FRANCE, FR  
[71] MATH RIZK, BE  
[85] 2001-07-25  
[86] 2000-01-27 (PCT/FR00/00188)  
[87] 2000-08-10 (WO00/46946)  
[30] FR (99/01065) 1999-01-27  
[30] FR (99/03770) 1999-03-23  
[30] FR (99/12465) 1999-10-01  
[30] FR (99/12467) 1999-10-01  
[30] FR (99/12468) 1999-10-01

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[21] **2,361,634**  
[13] A1  
[51] **Int.Cl. 7A61B 18/18**  
[25] EN  
[54] **ENDOVASCULAR LASER DEVICE AND TREATMENT OF VARICOSE VEINS**  
[54] **DISPOSITIF ENDOVASCULAIRE A LASER ET TRAITEMENT DE VEINES VARIQUEUSES**  
[72] SALAT, CARLOS BONE, ES  
[72] GOMEZ, JOAQUINA FRUCTUOSO, ES  
[72] MIN, ROBERT J., US  
[72] NAVARRO, NESTOR, ES  
[72] NAVARRO, LUIS, US  
[71] SALAT, CARLOS BONE, ES  
[71] GOMEZ, JOAQUINA FRUCTUOSO, ES  
[71] MIN, ROBERT J., US  
[71] NAVARRO, NESTOR, ES  
[71] NAVARRO, LUIS, US  
[85] 2001-08-28  
[86] 2000-01-28 (PCT/US00/02187)  
[87] 2000-08-03 (WO00/44296)  
[30] US (60/118,050) 1999-02-01  
[30] US (60/119,235) 1999-02-09  
[30] US (09/374,280) 1999-08-13

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[21] **2,361,671**  
[13] A1  
[51] **Int.Cl. 7C25C 3/16**  
[25] FR  
[54] **ARRANGEMENT DE CUVES D'ELECTROLYSE POUR LA PRODUCTION D'ALUMINIUM**  
[54] **ELECTROLYTIC CELL ARRANGEMENT FOR PRODUCTION OF ALUMINIUM**  
[72] HOMSI, PIERRE, FR  
[72] COLIN DE VERDIERE, JACQUES, CM  
[72] GAILLARD, JEAN-MARIE, FR  
[71] ALUMINIUM PECHINEY, FR  
[85] 2001-08-03  
[86] 2000-02-01 (PCT/FR00/00228)  
[87] 2000-08-10 (WO00/46429)  
[30] FR (99/01529) 1999-02-05

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[21] **2,361,697**  
[13] A1  
[51] **Int.Cl. 7F26B 9/10 7F26B 25/10**  
[25] FR  
[54] **ENCEINTE ET INSTALLATION DE SECHAGE DE DEJECTIONS D'ANIMAUX**  
[54] **CHAMBER AND INSTALLATION FOR DRYING ANIMAL WASTE**  
[72] CHARDINE, RAYMOND, FR  
[71] CHARDINE, RAYMOND, FR  
[71] EUROMATIC SYSTEME, FR  
[85] 2001-07-24  
[86] 2000-02-02 (PCT/FR00/00238)  
[87] 2000-08-10 (WO00/46560)  
[30] FR (99/01411) 1999-02-02

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[21] **2,361,702**  
[13] A1  
[51] **Int.Cl. 7C22C 38/58 7C22C 38/44**  
[25] FR  
[54] **ACIER INOXYDABLE AMAGNETIQUE POUR UTILISATION A TRES BASSE TEMPERATURE ET RESISTANT AUX NEUTRONS ET UTILISATION**  
[54] **NON-MAGNETIC STAINLESS STEEL FOR USE AT VERY LOW TEMPERATURE AND RESISTANT TO NEUTRONS AND USE**  
[72] FOUEL, JACQUES, FR  
[71] CREUSOT-LOIRE INDUSTRIE, FR  
[85] 2001-07-24  
[86] 2000-02-02 (PCT/FR00/00248)  
[87] 2000-08-10 (WO00/46417)  
[30] FR (99/01110) 1999-02-02

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[21] **2,361,715**  
[13] A1

[51] **Int.Cl. 7G03F 9/00 7G02B 7/00 7B01L 3/02 7G02B 27/58**  
[25] EN  
[54] **DISPOSITIF D'ALIGNEMENT POUR L'ASSEMBLAGE DE MICROSYSTEMES**  
[54] **ALIGNING DEVICE FOR ASSEMBLING MICROSYSTEMS**  
[72] BURRY, JEAN-MICHEL, FR  
[71] OPTIQUE ET MICROSYSTEMES S.A., FR  
[85] 2001-08-01  
[86] 2000-01-28 (PCT/FR00/00212)  
[87] 2000-08-10 (WO00/46642)  
[30] FR (99/01415) 1999-02-03

[21] **2,361,727**  
[13] A1

[51] **Int.Cl. 7G01C 21/16**  
[25] FR  
[54] **APPAREIL A GYROMETRES ET ACCELEROMETRES POUR LA DETERMINATION DES ATTITUDES D'UN AERODYNE**  
[54] **APPARATUS WITH GYROSCOPES AND ACCELEROMETERS FOR DETERMINING THE ATTITUDES OF AN AERODYNE**  
[72] CHEVALIER, JEAN-RENE, FR  
[72] MARTIN, NICOLAS, FR  
[71] THALES AVIONICS S.A., FR  
[85] 2001-07-25  
[86] 2000-01-31 (PCT/FR00/00219)  
[87] 2000-08-10 (WO00/46573)  
[30] FR (99/01181) 1999-02-02

[21] **2,361,743**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 48/00 7A61K 38/17 7C07K 16/18 7A61K 39/395 7C07K 14/47 7C12N 15/63 7C12Q 1/68**  
[25] EN  
[54] **GENES ASSOCIATED WITH DISEASES OF THE COLON**  
[54] **GENES ASSOCIES A DES MALADIES DU COLON**  
[72] VOLKMUTH, WAYNE, US  
[72] KLINGLER, TOD M., US  
[72] LAL, PREETI, US  
[72] WALKER, MICHAEL G., US  
[71] INCYTE PHARMACEUTICALS, INC., US  
[85] 2001-07-31  
[86] 2000-02-01 (PCT/US00/02595)  
[87] 2000-08-31 (WO00/50588)  
[30] US (09/255,381) 1999-02-22

[21] **2,361,767**  
[13] A1

[51] **Int.Cl. 7H01M 10/52 7H02K 5/136**  
[25] EN  
[54] **ENCLOSURE FOR ELECTRICAL COMPONENTS INSTALLED IN LOCATIONS WHERE A FLAMMABLE GAS OR VAPOR IS EXPECTED TO BE PRESENT**  
[54] **BOITIER POUR COMPOSANTS ELECTRIQUES INSTALLE DANS DES EMPLACEMENTS OU L'ON PEUT S'ATTENDRE A TROUVER UNE VAPEUR OU UN GAZ INFLAMMABLE**  
[72] KNAGGS, LESLIE BRENON, CA  
[71] BALLARD GENERATION SYSTEMS INC., CA  
[85] 2001-07-31  
[86] 2000-04-14 (PCT/CA00/00391)  
[87] 2000-10-19 (WO00/62366)  
[30] US (09/291,505) 1999-04-14

[21] **2,361,768**  
[13] A1

[51] **Int.Cl. 7E02F 3/40 7E02F 3/96**  
[25] EN  
[54] **ARRANGEMENT FOR THE BREAKING UP OF OUTER LAYERS OF THE GROUND**  
[54] **SYSTEME PERMETTANT DE DEFONCER DES COUCHES COUVRANT LE SOL**  
[72] HEBER, KARL-OTTO, DE  
[72] SCHENK, JUERGEN, DD  
[71] SCHENK, JUERGEN, DD  
[85] 2001-07-27  
[86] 2000-01-26 (PCT/DE00/00215)  
[87] 2000-09-14 (WO00/53855)  
[30] DE (199 03 528.8) 1999-01-29

[21] **2,361,772**  
[13] A1

[51] **Int.Cl. 7G01N 33/573 7C12Q 1/28 7G01N 33/561**  
[25] EN  
[54] **METHOD TO DETECT MALE ANTIFERTILITY PROBLEMS**  
[54] **PROCEDE DE DETECTION DE PROBLEMES AFFECTANT LA FERTILITE MALE**  
[72] URSINI, FULVIO, DE  
[72] ROVERI, ANTONELLA, DE  
[72] FLOHÉ, LEOPOLD, DE  
[71] FLOHÉ, LEOPOLD, DE  
[85] 2001-07-31  
[86] 2000-03-06 (PCT/EP00/01877)  
[87] 2000-09-14 (WO00/54054)  
[30] EP (99103959.5) 1999-03-09

[21] **2,361,774**  
[13] A1

[51] **Int.Cl. 7F16G 3/10**  
[25] EN  
[54] **PREFORMED STRIP AND METHOD FOR SPLICING CONVEYOR BELTS**  
[54] **BANDE PREFORMEE ET PROCEDE D'EPISSAGE DE COURROIES DE TRANSPORTEUR**  
[72] HEAD, WILLIAM JAMES, US  
[72] BENZING, JAMES ALFRED II, US  
[72] GEHRETT, LARRY JAMES, US  
[72] LEDERER, STEVEN ANDREW, US  
[72] MAGUIRE, DAVID JOSEPH, US  
[72] STEVEN, ROBIN BOVAIRD, US  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[85] 2001-07-26  
[86] 1999-03-10 (PCT/US99/03959)  
[87] 2000-09-14 (WO00/53952)

[21] **2,361,810**  
[13] A1

[51] **Int.Cl. 7C07D 471/16 7C07D 221/00 7A61P 35/00 7C07D 471/04 7A61K 31/4375**  
[25] FR  
[54] **COMPOSITION PHARMACEUTIQUE A BASE DE COMPOSES POLYAROMATIQUES**  
[54] **PHARMACEUTICAL COMPOSITION BASED ON POLYAROMATIC COMPOUNDS**  
[72] DARRO, FRANCIS, BE  
[72] DEFLOURNE, EVELYNE, FR  
[72] BONTEMPS-SUBIELOS, NATHALIE, FR  
[72] FRYDMAN, ARMAND, FR  
[72] KISS, ROBERT, BE  
[72] BASTIDE, JEAN, FR  
[71] LABORATOIRE L. LAFON, FR  
[85] 2001-08-28  
[86] 2000-03-17 (PCT/FR00/00672)  
[87] 2000-09-21 (WO00/55160)  
[30] FR (99/03390) 1999-03-18

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,361,834</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61B 18/18</b> [25] EN [54] <b>OFFSET ABLATION PROFILES FOR TREATMENT OF IRREGULAR ASTIGMATISM</b> [54] <b>PROFILS D'ABLATION DECALES POUR LE TRAITEMENT DE L'ASTIGMATISME IRREGULIER</b> [72] CLAPHAM, TERRANCE N., US [71] VISX, INCORPORATED, US [85] 2001-08-23 [86] 2000-02-28 (PCT/US00/05382) [87] 2000-10-12 (WO00/59395) [30] US (09/287,322) 1999-04-07</p>	<p style="text-align: right;">[21] <b>2,361,844</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/205 7A61P 43/00</b> [25] EN [54] <b>CARNITINE SUPPLEMENTED DIET TO PREVENT SUDDEN DEATH SYNDROME IN BROILER BREEDER TYPE POULTRY</b> [54] <b>REGIME ALIMENTAIRE ENRICHI PAR ADJONCTION DE CARNITINE POUR PREVENIR LA MORT SUBITE CHEZ LA VOLAILLE A GRILLER</b> [72] TEETER, ROBERT G., US [72] OWEN, KEVIN Q., US [72] VANHOOSER, STANLEY L., US [71] LONZA AG, CH [71] THE BOARD OF REGENTS FOR OKLAHOMA STATE UNIVERSITY, US [85] 2001-07-27 [86] 2000-03-23 (PCT/EP00/02606) [87] 2000-09-28 (WO00/56294) [30] US (09/273,651) 1999-03-23</p>	<p style="text-align: right;">[21] <b>2,361,849</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/12 7A61K 38/17 7C07K 16/18 7C07K 14/47 7G01N 33/53 7C12N 15/62 7C12Q 1/68</b> [25] EN [54] <b>PROMOTION OR INHIBITION OF ANGIOGENESIS AND CARDIOVASCULARIZATION</b> [54] <b>ACTIVATION ET INHIBITION DE L'ANGIOGENESE ET DE LA CARDIOVASCULARISATION</b> [72] GERBER, HANSPETER, US [72] ASHKENAZI, AVI J., US [72] PAONI, NICHOLAS F., US [72] PITTI, ROBERT M., US [72] GERRITSEN, MARY E., US [72] FERRARA, NAPOLEONE, US [72] BAKER, KEVIN P., US [72] HILLAN, KENNETH J., US [72] MARSTERS, SCOT A., US [72] GURNEY, AUSTIN L., US [72] GODDARD, AUDREY, US [72] WILLIAMS, P. MICKEY, US [72] WOOD, WILLIAM I., US [72] WATANABE, COLIN K., US [71] GENENTECH, INC., US [85] 2001-07-30 [86] 2000-02-24 (PCT/US00/05004) [87] 2000-09-14 (WO00/53757) [30] US (PCT/US99/05028) 1999-03-08 [30] US (60/123,957) 1999-03-12 [30] US (PCT/US99/12252) 1999-06-02 [30] US (60/144,758) 1999-07-20 [30] US (60/145,698) 1999-07-26 [30] US (PCT/US99/20111) 1999-09-01 [30] US (PCT/US99/21090) 1999-09-15 [30] US (PCT/US99/28313) 1999-11-30 [30] US (PCT/US99/28409) 1999-11-30 [30] US (PCT/US99/28565) 1999-12-02 [30] US (PCT/US00/00219) 2000-01-05 [30] US (PCT/US00/04341) 2000-02-18 [30] US (PCT/US00/04342) 2000-02-18 [30] US (PCT/US00/04414) 2000-02-22</p>
<p style="text-align: right;">[21] <b>2,361,835</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B01L 3/02</b> [25] EN [54] <b>APPARATUS AND METHOD FOR SPOTTING A SUBSTRATE</b> [54] <b>DISPOSITIF ET PROCEDE PERMETTANT DE DEPOSER DES TACHES SUR UN SUBSTRAT</b> [72] BRYNING, ZBIGNIEW, US [72] VANN, CHARLES S., US [71] PE CORPORATION (NY), US [85] 2001-08-23 [86] 2000-03-09 (PCT/US00/06721) [87] 2000-09-21 (WO00/54883) [30] US (09/270,218) 1999-03-15</p>	<p style="text-align: right;">[21] <b>2,361,845</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 7/00</b> [25] EN [54] <b>COSMETIC COMPOSITION</b> [54] <b>COMPOSITION COSMETIQUE</b> [72] ZNAIDEN, ALEXANDER PAUL, US [72] CARRABOTTA, MICHELE, US [72] FELICIANO, DONALD CARL, US [72] SUARES, ALAN JOSEPH, US [71] UNILEVER PLC, GB [85] 2001-07-26 [86] 1999-12-02 (PCT/EP99/09587) [87] 2000-10-26 (WO00/62737) [30] US (60/129,782) 1999-04-16</p>	
<p style="text-align: right;">[21] <b>2,361,843</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/198 7A61K 9/20 7A61K 9/36</b> [25] EN [54] <b>SWALLOWABLE TABLETS WITH HIGH CONTENT OF N-ACETYLCYSTEINE</b> [54] <b>COMPRIMES A AVALER A TENEUR ELEVEE EN N-ACETYLCYSTEINE</b> [72] ZULIANI, ITALO, IT [72] GURRIERI, GIOVANNI, IT [72] BARINA, RICCARDO, IT [72] GRASSANO, ALESSANDRO, IT [72] CASTEGINI, FRANCO, IT [71] ZAMBON GROUP S.P.A., IT [85] 2001-08-27 [86] 2000-03-21 (PCT/EP00/02464) [87] 2000-10-12 (WO00/59500) [30] IT (MI99A000704) 1999-04-06</p>	<p style="text-align: right;">[21] <b>2,361,848</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 401/12 7A61P 29/00 7A61K 31/47</b> [25] EN [54] <b>NOVEL LACTAM INHIBITORS OF MATRIX METALLOPROTEINASES, TNF-ALPHA., AND AGGRECANASE</b> [54] <b>NOUVEAUX INHIBITEURS DE LACTAME DE METALLOPROTEASES MATRICIELLES, DE TNF-ALPHA, ET DE L'AGGRECANASE</b> [72] DUAN, JINGWU, US [71] DUPONT PHARMACEUTICALS COMPANY, US [85] 2001-08-28 [86] 2000-03-30 (PCT/US00/08363) [87] 2000-10-12 (WO00/59285) [30] US (60/127,594) 1999-04-02</p>	

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<p style="text-align: right;">[21] <b>2,361,872</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61F 13/15</b> [25] EN [54] <b>WATER DISPERSIBLE PANTILINER</b> [54] <b>PROTEGE-SLIP DISPERSABLE DANS L'EAU</b> [72] NORTMAN, BRIAN KEITH, US [72] POMPLUN, WILLIAM SEAL, US [72] MUMICK, PAVNEET SINGH, US [72] TSAI, FU-JYA, US [72] GLAUG, FRANK STEVEN, US [72] COLMAN, CHARLES WILSON, US [72] WEYENBERG, SUSAN MARIE, US [72] MEYER, MARY JO, US [72] LARSON, JENNIFER CAPPEL, US [72] KERINS, JOHN EDWARD, US [72] HUANG, YUNG HSIANG, US [72] JACKSON, DAVID MARTIN, US [71] KIMBERLY-CLARK WORLDWIDE, INC., US [85] 2001-08-28 [86] 2000-03-31 (PCT/US00/40078) [87] 2000-10-12 (WO00/59427) [30] US (09/285,595) 1999-04-03</p>	<p style="text-align: right;">[21] <b>2,361,895</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 15/16</b> [25] EN [54] <b>FIFO-BASED NETWORK INTERFACE SUPPORTING OUT-OF-ORDER PROCESSING</b> [54] <b>INTERFACE DE RESEAU FIFO SUPPORTANT UN TRAITEMENT DE DONNEES DANS LE DESORDRE</b> [72] WANG, CHI-LIE, US [72] YANG, LI-JAU, US [72] HO, NGO THANH, US [71] 3COM CORPORATION, US [85] 2001-07-27 [86] 2000-11-29 (PCT/US00/32660) [87] 2001-06-07 (WO01/40960) [30] US (09/451,395) 1999-11-30</p>	<p style="text-align: right;">[21] <b>2,361,920</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B21D 43/10</b> [25] EN [54] <b>TRANSPORT SYSTEM</b> [54] <b>SYSTEME DE TRANSPORT</b> [72] REICHENBACH, RAINER, DE [72] HARSCH, ERICH, DE [71] MULLER WEINGARTEN AG, DE [85] 2001-09-05 [86] 2000-03-02 (PCT/DE00/00651) [87] 2000-09-21 (WO00/54904) [30] DE (199 11 796.9) 1999-03-17</p>
<p style="text-align: right;">[21] <b>2,361,887</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A23K 1/00 7A61P 1/00 7A61K 39/395 7C07K 16/40</b> [25] EN [54] <b>METHOD OF USING ANTI-PHOSPHOLIPASE A2 ANTIBODIES TO ENHANCE GROWTH OR IMPROVE FEED EFFICIENCY</b> [54] <b>PROCEDE D'UTILISATION D'ANTICORPS ANTI-PHOSPHOLIPASE A2 POUR L'AMELIORATION DE LA CROISSANCE ET DE L'EFFICACITE DE L'ALIMENTATION</b> [72] COOK, MARK E., US [71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US [85] 2001-07-30 [86] 2000-03-15 (PCT/US00/06926) [87] 2000-09-21 (WO00/54604) [30] US (09/268,546) 1999-03-15</p>	<p style="text-align: right;">[21] <b>2,361,912</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/82 7A01H 5/00 7C12N 5/10</b> [25] EN [54] <b>METHODS FOR MODULATING WATER-USE EFFICIENCY OR PRODUCTIVITY IN A PLANT</b> [54] <b>PROCEDE POUR MODULER L'EFFICACITE D'UTILISATION DE L'EAU OU LA PRODUCTIVITE DANS DES PLANTES</b> [72] LAPORTE, MARIANNE M., US [72] SHEN, BO, US [72] TARCZYNSKI, MITCHELL C., US [71] PIONEER HI-BRED INTERNATIONAL, INC., US [85] 2001-11-15 [86] 2000-05-23 (PCT/US00/14261) [87] 2000-12-07 (WO00/73475) [30] US (09/321,991) 1999-05-28</p>	<p style="text-align: right;">[21] <b>2,361,925</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 35/74 7A61P 31/12</b> [25] EN [54] <b>TREATMENT OF CHRONIC VIRAL INFECTIONS WITH M. VACCAE</b> [54] <b>TRAITEMENT D'INFECTIONS VIRALES CHRONIQUES A BASE DE M. VACCAE</b> [72] ROOK, GRAHAM ARTHUR WILLIAM, GB [72] STANFORD, JOHN LAWSON, GB [71] STANFORD ROOK LIMITED, GB [85] 2001-08-01 [86] 2000-02-16 (PCT/GB00/00544) [87] 2000-08-24 (WO00/48615) [30] GB (9903539.6) 1999-02-16</p>
<p style="text-align: right;">[21] <b>2,361,915</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B29C 70/78 7B32B 27/00</b> [25] EN [54] <b>IMPROVED SLAB OF RESIN-BOUND AGGLOMERATE MATERIALS AND RELATED MANUFACTURING PROCESS</b> [54] <b>PLAQUE AMELIOREE DE MATERIAUX AGGLOMERES LIES PAR DE LA RESINE ET PROCEDE DE FABRICATION CONNEXE</b> [72] TONCELLI, MARCELLO, IT [71] TONCELLI, MARCELLO, IT [85] 2001-08-09 [86] 2000-12-08 (PCT/EP00/12424) [87] 2001-06-28 (WO01/45921) [30] IT (TV99A000142) 1999-12-21</p>	<p style="text-align: right;">[21] <b>2,361,929</b> [13] A1</p> <p>[51] <b>Int.Cl. 7D06M 13/00 7A61L 9/01 7D06M 23/02 7D06M 23/06 7D06M 13/388 7D06M 13/463</b> [25] EN [54] <b>LIQUID DEODORANT</b> [54] <b>DEODORANT LIQUIDE</b> [72] YAMAGUCHI, NORIKO, JP [72] SHIRATSUCHI, KAZUTAKA, JP [72] TAGATA, SHUJI, JP [72] SUGANO, IKUO, JP [71] KAO CORPORATION, JP [85] 2001-08-01 [86] 2000-03-14 (PCT/JP00/01531) [87] 2000-09-21 (WO00/55416) [30] JP (11/69872) 1999-03-16</p>	

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[21] **2,361,930**  
[13] A1  
[51] **Int.Cl. 7B01D 61/00 7B01D 67/00 7B01D 71/64**  
[25] EN  
[54] **MICROPOROUS FILTER MEMBRANE, METHOD OF MAKING MICROPOROUS FILTER MEMBRANE AND SEPARATOR EMPLOYING MICROPOROUS FILTER MEMBRANES**  
[54] **MEMBRANE FILTRANTE MICROPOREUSE, PROCEDE DE FABRICATION ET SEPARATEUR UTILISANT DE TELLES MEMBRANES**  
[72] JACOBSON, JAMES D., US  
[71] BAXTER INTERNATIONAL INC., US  
[85] 2001-08-01  
[86] 2000-12-05 (PCT/US00/32932)  
[87] 2001-06-14 (WO01/41905)  
[30] US (09/457,173) 1999-12-08

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[21] **2,361,931**  
[13] A1  
[51] **Int.Cl. 7G06F 9/445**  
[25] EN  
[54] **METHOD AND APPARATUS FOR RENEWING SOFTWARE IN A SOFTWARE-OPERATED MACHINE**  
[54] **PROCEDE ET APPAREIL DE RENOUVELLEMENT DE LOGICIELS DANS UNE MACHINE COMMANDEE PAR LOGICIEL**  
[72] FUJITA, MASANOBU, JP  
[72] OHYA, TOITSU, JP  
[72] SATO, TAICHI, JP  
[72] KUROIWA, KOJI, JP  
[72] SEKI, TORU, JP  
[71] JAPAN CASH MACHINE CO., LTD., JP  
[85] 2001-08-01  
[86] 1999-12-08 (PCT/JP99/06885)  
[87] 2001-04-16 (WO01/42916)

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[21] **2,361,932**  
[13] A1  
[51] **Int.Cl. 7A47L 9/16**  
[25] EN  
[54] **IMPROVED BAGLESS VACUUM CLEANER**  
[54] **ASPIRATEUR SANS SAC AMELIORE**  
[72] YUNG, BILLY, CN  
[71] SMC MARKETING CORPORATION, US  
[85] 2001-08-02  
[86] 2000-12-08 (PCT/US00/33211)  
[87] 2001-06-14 (WO01/41619)  
[30] US (09/457,613) 1999-12-08

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[21] **2,361,933**  
[13] A1  
[51] **Int.Cl. 7C04B 7/14 7C04B 7/00**  
[25] EN  
[54] **METHOD FOR PRODUCING MARL SLAGS**  
[54] **PROCEDE DE PRODUCTION DE BOUES MARNIERES**  
[72] EDLINGER, ALFRED, AT  
[71] TRIBOVENT VERFAHRESENTWICKLUNG GMBH, AT  
[85] 2001-08-01  
[86] 2000-12-11 (PCT/AT00/00334)  
[87] 2001-06-28 (WO01/46081)  
[30] AT (A 2143/99) 1999-12-20

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[21] **2,361,938**  
[13] A1  
[51] **Int.Cl. 7H04Q 7/38 7H04Q 7/32**  
[25] EN  
[54] **ENABLING CONFORMANCE TO LEGISLATIVE REQUIREMENTS FOR MOBILE DEVICES**  
[54] **VALIDATION DE LA CONFORMITE DES DISPOSITIFS MOBILES AUX PRESCRIPTIONS LEGISLATIVES**  
[72] ORCHARD, JAMES RONALD, GB  
[72] LAMBERT, HOWARD SHELTON, GB  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[85] 2001-07-31  
[86] 2000-03-24 (PCT/GB00/01124)  
[87] 2000-10-05 (WO00/59253)  
[30] GB (9907307.4) 1999-03-31

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[21] **2,361,939**  
[13] A1  
[51] **Int.Cl. 7C07D 401/14 7A61P 9/00 7C07D 471/04 7A61P 3/10 7A61K 31/4178 7A61K 31/4196 7A61K 31/513 7A61K 31/551 7G01N 33/58**  
[25] EN  
[54] **MODIFIED AMINO-ACID AMIDES AS CGRP ANTAGONISTS**  
[54] **AMIDES D'AMINOACIDES MODIFIES COMME ANTAGONISTES DE LA CGRP**  
[72] HALLERMAYER, GERHARD, DE  
[72] ENGEL, WOLFHARD, DE  
[72] DOODS, HENRI, DE  
[72] RUDOLF, KLAUS, DE  
[72] EBERLEIN, WOLFGANG, DE  
[71] BOEHRINGER INGELHEIM PHARMA KG, DE  
[85] 2001-07-26  
[86] 2000-03-08 (PCT/EP00/02004)  
[87] 2000-09-21 (WO00/55154)  
[30] DE (199 11 039.5) 1999-03-12

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[21] **2,361,943**  
[13] A1  
[51] **Int.Cl. 7C12N 15/10 7A01K 67/027 7C12N 5/06 7C12N 15/88 7C12N 15/90**  
[25] EN  
[54] **GENETIC MODIFICATION OF SOMATIC CELLS AND USES THEREOF**  
[54] **MODIFICATION GENETIQUE DE CELLULES SOMATIQUES ET LEURS UTILISATIONS**  
[72] DAI, YIFAN, US  
[72] AYARES, DAVID LEE, US  
[72] KIND, ALEXANDER JARVIS, GB  
[72] COLMAN, ALAN, GB  
[72] SCHNIEKE, ANGELIKA ELISABETH, GB  
[71] PPL THERAPEUTICS (SCOTLAND) LIMITED, GB  
[85] 2001-08-30  
[86] 2000-03-03 (PCT/GB00/00778)  
[87] 2000-09-08 (WO00/51424)  
[30] GB (9905033.8) 1999-03-04  
[30] GB (9917023.5) 1999-07-20  
[30] US (09/475,674) 1999-12-30

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[21] **2,361,947**  
[13] A1  
[51] **Int.Cl. 7G01F 1/84**  
[25] EN  
[54] **LATERAL MODE STABILIZER FOR CORIOLIS FLOWMETER**  
[54] **STABILISATEUR EN MODE LATERAL DESTINE A UN DEBITMETRE A EFFET DE CORIOLIS**  
[72] OLLILA, CURTIS JOHN, US  
[71] MICRO MOTION, INC., US  
[85] 2001-08-03  
[86] 2000-01-20 (PCT/US00/01367)  
[87] 2000-08-17 (WO00/47956)  
[30] US (09/247,429) 1999-02-10

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[21] **2,361,965**  
[13] A1  
[51] **Int.Cl. 7C08F 236/04 7C08L 9/00 7C08F 236/14**  
[25] EN  
[54] **RUBBER MIXTURES BASED ON AMINO-ISOPRENE POLYMERS AND THEIR USE IN THE PRODUCTION OF TIRE TREADS WITH LOW ROLLING RESISTANCE**  
[54] **MELANGES DE CAOUTCHOUC A BASE DE POLYMERES D'AMINO-ISOPRENES ET LEUR UTILISATION POUR PRODUIRE DES BANDES DE ROULEMENT A FAIBLE RESISTANCE AU ROULEMENT**  
[72] SCHOLL, THOMAS, DE  
[72] OBRECHT, WERNER, DE  
[72] STADLER, REIMUND (deceased), DE  
[72] MORSCHHAUSER, ROMAN, DE  
[72] MANNEBACH, GERD, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2001-08-01  
[86] 2000-02-01 (PCT/EP00/00786)  
[87] 2000-08-10 (WO00/46263)  
[30] DE (199 04 357.4) 1999-02-03

[21] **2,361,972**  
[13] A1  
[51] **Int.Cl. 7A61M 1/10 7A61M 29/02 7A61B 5/028 7A61F 2/24**  
[25] EN  
[54] **DEVICE FOR INTRAVASCULAR CARDIAC VALVE SURGERY**  
[54] **DISPOSITIF POUR OPERATION INTRAVASCULAIRE DE VALVULES CARDIAQUES**  
[72] SIESS, THORSTEN, DE  
[72] FLAMENG, WILLEM, BE  
[71] IMPELLA CARDIOTECHNIK AG, DE  
[85] 2001-08-01  
[86] 2000-02-03 (PCT/EP00/00863)  
[87] 2000-08-10 (WO00/45874)  
[30] DE (199 04 975.0) 1999-02-06

[21] **2,361,981**  
[13] A1  
[51] **Int.Cl. 7C08B 37/08**  
[25] EN  
[54] **PROCESS FOR THE PRODUCTION OF MULTIPLE CROSS-LINKED HYALURONIC ACID DERIVATIVES**  
[54] **PROCEDE RELATIF A L'ELABORATION DE DERIVES D'ACIDE HYALURONIQUE A RETICULATIONS MULTIPLES**  
[72] ZHAO, XIAOBIN, GB  
[71] VITROLIFE UK LIMITED, GB  
[85] 2001-08-02  
[86] 2000-02-03 (PCT/GB00/00321)  
[87] 2000-08-10 (WO00/46253)  
[30] GB (9902412.7) 1999-02-03

[21] **2,361,986**  
[13] A1  
[51] **Int.Cl. 7F16C 17/02**  
[25] EN  
[54] **DUPLEX POWDER METAL BEARING CAPS AND METHOD OF MAKING THEM**  
[54] **CHAPEAU DUPLEX EN POWDRE DE METAL ET PROCEDE DE FABRICATION**  
[72] MANDEL, JOEL H., US  
[72] CADLE, TERRY M., US  
[71] GKN SINTER METALS-GERMANTOWN, INC., US  
[85] 2001-07-31  
[86] 2000-02-02 (PCT/US00/02662)  
[87] 2000-08-10 (WO00/46520)  
[30] US (60/118,333) 1999-02-03

[21] **2,361,987**  
[13] A1  
[51] **Int.Cl. 7C12N 15/54 7A61P 35/00 7A61P 37/00 7C12N 9/12 7C07K 16/40 7A61K 38/45 7C12Q 1/48 7C12Q 1/68**  
[25] EN  
[54] **GOODPASTURE ANTIGEN BINDING PROTEIN**  
[54] **PROTEINE DE LIAISON A L'ANTIGENE DU SYNDROME DE GOODPASTURE**  
[72] SAUS, JUAN, ES  
[71] SAUS, JUAN, ES  
[85] 2001-07-31  
[86] 2000-02-24 (PCT/IB00/00324)  
[87] 2000-08-31 (WO00/50607)  
[30] US (60/121,483) 1999-02-24

[21] **2,361,995**  
[13] A1  
[51] **Int.Cl. 7G01F 1/84 7G01F 15/10 7G01F 15/14**  
[25] EN  
[54] **A CORIOLIS FLOWMETER HAVING AN EXPLOSION PROOF HOUSING**  
[54] **DEBITMETRE A EFFET DE CORIOLIS COMPORTANT UN CARTER ANTIDÉFLAGRANT**  
[72] PANKRATZ, ANTHONY, US  
[72] LISTER, ERNEST DALE, US  
[72] MCCARTHY, JOHN RICHARD, US  
[72] OLLILA, CURTIS JOHN, US  
[71] MICRO MOTION, INC., US  
[85] 2001-08-03  
[86] 2000-01-24 (PCT/US00/01776)  
[87] 2000-08-17 (WO00/47957)  
[30] US (09/249,058) 1999-02-12

[21] **2,361,998**  
[13] A1  
[51] **Int.Cl. 7C07D 333/38 7C07D 401/12 7C07D 403/12 7C07D 405/12 7C07D 409/12 7A61K 31/34 7A61K 31/38 7C07D 207/40 7A61K 31/40 7A61K 31/44 7C07D 333/48**  
[25] EN  
[54] **AROMATIC HETEROCYCLIC COMPOUNDS AS ANTI-INFLAMMATORY AGENTS**  
[54] **COMPOSES AROMATIQUES HETEROCYCLIQUES UTILISES EN TANT QU'AGENTS ANTI-INFLAMMATOIRES**  
[72] HICKEY, EUGENE R., US  
[72] REGAN, JOHN R., US  
[72] CIRILLO, PIER F., US  
[71] BOEHRINGER INGELHEIM PHARMACEUTICALS, INC., US  
[85] 2001-08-23  
[86] 2000-01-31 (PCT/US00/02008)  
[87] 2000-09-21 (WO00/55152)  
[30] US (60/124,147) 1999-03-12

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,362,000</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 9/42</b> [25] EN [54] <b>ZERO OVERHEAD EXCEPTION HANDLING</b> [54] <b>TRAITEMENT DES EXCEPTIONS SANS AUCUNE SURCHARGE DU SYSTEME</b> [72] SCHWABE, JUDITH E., US [72] SUSSER, JOSHUA B., US [71] SUN MICROSYSTEMS, INC., US [85] 2001-08-01 [86] 2000-02-02 (PCT/US00/02681) [87] 2000-08-10 (WO00/46665) [30] US (09/243,107) 1999-02-02</p>	<p style="text-align: right;">[21] <b>2,362,003</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 231/38 7C07D 209/00 7C07D 307/00 7C07D 333/00 7A61P 29/00 7C07D 493/08 7C07D 495/08 7C07D 401/12 7C07D 405/12 7C07D 409/12 7C07D 401/14 7C07D 213/38 7A61K 31/415 7A61K 31/44 7A61K 31/50 7A61K 31/505 7C07D 213/74 7C07D 213/76</b> [25] EN [54] <b>HETEROCYCLIC UREA AND RELATED COMPOUNDS USEFUL AS ANTI-INFLAMMATORY AGENTS</b> [54] <b>COMPOSES UTILES EN TANT QU'AGENTS ANTI-INFLAMMATOIRES</b> [72] MORIAK, MONICA, H., US [72] MOSS, NEIL, US [72] KIRrane, THOMAS, M., US [72] PROUDFOOT, JOHN, R., US [72] PATEL, USHA, R., US [72] HICKEY, EUGENE, R., US [72] REGAN, JOHN, R., US [72] GILMORE, THOMAS, A., US [72] CIRILLO, PIER, F., US [72] BETAGERI, RAJASHEHAR, US [72] TAKAHASHI, HIDENORI, US [72] BREITFELDER, STEFFEN, US [72] SWINAMER, ALAN, D., US [72] SUN, SANXING, US [72] SHARMA, RAJIV, US [71] BOEHRINGER INGELHEIM PHARMACEUTICALS, INC., US [85] 2001-08-16 [86] 2000-02-16 (PCT/US00/03865) [87] 2000-09-21 (WO00/55139) [30] US (60/124,148) 1999-03-12 [30] US (60/165,867) 1999-11-16</p>	<p style="text-align: right;">[21] <b>2,362,010</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 9/445</b> [25] EN [54] <b>TOKEN-BASED LINKING</b> [54] <b>EDITION DE LIENS PAR JETONS</b> [72] SUSSER, JOSHUA B., US [72] SCHWABE, JUDITH E., US [71] SUN MICROSYSTEMS, INC., US [85] 2001-07-31 [86] 2000-02-02 (PCT/US00/02716) [87] 2000-08-10 (WO00/46667) [30] US (09/243,108) 1999-02-02</p>
<p style="text-align: right;">[21] <b>2,362,001</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A01K 89/016</b> [25] EN [54] <b>FISHING REEL</b> [54] <b>MOULINET DE PECHE</b> [72] WHITTLE-HERBERT, GILES, ZW [71] WHITTLE-HERBERT, GILES, ZW [85] 2001-07-27 [86] 1999-07-28 (PCT/IB99/01337) [87] 2000-11-09 (WO00/65909) [30] ZA (99/3002) 1999-04-29</p>	<p style="text-align: right;">[21] <b>2,362,009</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F41A 17/06</b> [25] EN [54] <b>FIREARM</b> [54] <b>ARME A FEU</b> [72] VAN ZYL, NICOLAAS CORNELIUS, ZA [71] AFRICA OUTDOORS ACS (PROPRIETARY) LIMITED, ZA [85] 2001-08-07 [86] 2000-02-10 (PCT/ZA00/00022) [87] 2000-08-17 (WO00/47942) [30] ZA (99/1099) 1999-02-11</p>	<p style="text-align: right;">[21] <b>2,362,016</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07K 7/56 7A61K 47/48</b> [25] EN [54] <b>ECHINOCANDIN/CARBOHYDRATE COMPLEXES</b> [54] <b>COMPLEXES D'ECHINOCANDINE/GLUCIDE</b> [72] MILTON, NATHANIEL, US [72] SABATOWSKI, JAMES LAWRENCE, US [72] LAREW, LARRY ARNOLD, US [72] MODER, KENNETH PHILIP, US [71] ELI LILLY AND COMPANY, US [85] 2001-08-31 [86] 2000-03-02 (PCT/US00/05508) [87] 2000-09-08 (WO00/52037) [30] US (60/122,692) 1999-03-03</p>
		<p style="text-align: right;">[21] <b>2,362,017</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E01C 7/18</b> [25] FR [54] <b>COUCHE DE ROULEMENT BITUMINEUSE DRAINANTE</b> [54] <b>BITUMINOUS UPPER LAYER DRAINING BLANKET</b> [72] MICHAUT, JEAN-PAUL, FR [71] COLAS, FR [85] 2001-08-14 [86] 2000-02-15 (PCT/FR00/00374) [87] 2000-08-17 (WO00/47820) [30] FR (99/01789) 1999-02-15</p>

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,362,018</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F25B 41/00 7F25B 31/00</b> [25] EN [54] <b>REFRIGERATION SYSTEM WITH LIQUID INJECTION DESUPERHEATING</b> [54] <b>SYSTEME FRIGORIFIQUE AVEC DESURCHAUFFEUR A INJECTION DE LIQUIDE</b> [72] GAUL, CHRISTOPHER J., US [71] MIDWEST RESEARCH INSTITUTE, US [85] 2001-08-03 [86] 2000-02-04 (PCT/US00/02807) [87] 2000-08-10 (WO00/46557) [30] US (09/246,080) 1999-02-05</p>	<p style="text-align: right;">[21] <b>2,362,022</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 5/06</b> [25] EN [54] <b>METHODS OF MICROENCAPSULATING PANCREATIC ISLET CELLS</b> [54] <b>PROCEDES D'ENCAPSULATION DE CELLULES D'ILOTS PANCREATIQUES</b> [72] OPARA, EMMANUEL C., US [71] DUKE UNIVERSITY, US [85] 2001-08-31 [86] 2000-03-20 (PCT/US00/07515) [87] 2000-09-28 (WO00/56861) [30] US (09/273,407) 1999-03-22 [30] US (09/453,348) 1999-12-01</p>	<p style="text-align: right;">[21] <b>2,362,026</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/197 7A61P 13/10</b> [25] EN [54] <b>METHOD FOR THE TREATMENT OF INCONTINENCE</b> [54] <b>METHODE DE TRAITEMENT POUR L'INCONTINENCE</b> [72] SEGAL, CATHERINE A., US [72] MAGNUS, LESLIE, US [71] WARNER-LAMBERT COMPANY, US [85] 2001-08-30 [86] 2000-01-27 (PCT/US00/02141) [87] 2000-10-19 (WO00/61135) [30] US (60/128,347) 1999-04-08</p>
<p style="text-align: right;">[21] <b>2,362,019</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61B 5/04</b> [25] EN [54] <b>A NOCTURNAL MUSCLE ACTIVITY MONITORING SYSTEM</b> [54] <b>SYSTEME DE CONTROLE DE L'ACTIVITE MUSCULAIRE NOCTURNE</b> [72] HADAS, NOAM, IL [71] S.L.P. LTD., IL [85] 2001-07-31 [86] 2000-02-29 (PCT/IL00/00122) [87] 2000-09-08 (WO00/51543) [30] IL (128815) 1999-03-03</p>	<p style="text-align: right;">[21] <b>2,362,024</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04N 5/445</b> [25] EN [54] <b>MONITOR OR TV RECEIVER USING A SECONDARY ANALOG SIGNAL PATH FOR DISPLAYING OSD SIGNALS FROM EXTERNAL SOURCES</b> [54] <b>MONITEUR OU RECEPTEUR TV UTILISANT UNE TRAJECTOIRE DE SIGNAL ANALOGUE SECONDAIRE POUR AFFICHER DES SIGNAUX DE DONNEES AFFICHABLES A L'ECRAN (OSD) DE SOURCES EXTERNES</b> [72] USUI, HIROFUMI, US [72] SHINTANI, PETER RAE, US [71] SONY ELECTRONICS INC., US [85] 2001-08-02 [86] 2000-02-02 (PCT/US00/02869) [87] 2000-08-10 (WO00/46987) [30] US (09/243,752) 1999-02-03</p>	<p style="text-align: right;">[21] <b>2,362,027</b> [13] A1</p> <p>[51] <b>Int.Cl. 7D04B 35/22 7D03J 1/04</b> [25] EN [54] <b>METHOD AND EQUIPMENT FOR PAIRING OR CABLING TWO OR MORE THREADS WHEN ENTERING TEXTILE MACHINES USED FOR KNITTED GOODS, HOSIERY AND SIMILAR</b> [54] <b>PROCEDE ET EQUIPEMENT D'APPARIEMENT OU DE RETORDAGE DE DEUX FILS OU PLUS A L'ENTREE DE MACHINES TEXTILES UTILISEES POUR FABRIQUER DES ARTICLES DE BONNETERIE, DES ARTICLES A MAILLES, ET SIMILAIRES</b> [72] ZAGLIO, SERGIO, IT [71] MEMMINGER-IRO GmbH, DE [85] 2001-07-26 [86] 2000-02-07 (PCT/IT00/00034) [87] 2000-08-17 (WO00/47805) [30] IT (BS99A000010) 1999-02-09 [30] IT (BS99A000022) 1999-03-12 [30] IT (BS99A000094) 1999-10-08</p>
<p style="text-align: right;">[21] <b>2,362,021</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A47J 31/44</b> [25] EN [54] <b>HOT BEVERAGE FLAVOR PROTECTOR</b> [54] <b>PROTECTEUR D'AROME POUR BOISSON CHAUDE</b> [72] QUINN, THOMAS A., US [72] OSWALD, KERRY A., US [72] SEIFERT, ROBERT SCOTT, US [71] E.I. DU PONT DE NEMOURS AND COMPANY, US [85] 2001-08-28 [86] 2000-04-07 (PCT/US00/09226) [87] 2000-10-19 (WO00/60986) [30] US (09/291,783) 1999-04-14 [30] US (09/540,468) 2000-03-31</p>	<p style="text-align: right;">[21] <b>2,362,025</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 7/16</b> [25] EN [54] <b>ZINC CONTAINING DENTIFRICE COMPOSITIONS</b> [54] <b>COMPOSITION DE DENTIFRICE CONTENANT DU ZINC</b> [72] POZZI, CHARLES, US [72] KOHUT, BRUCE, US [72] YU, DAHSHEN, US [72] PARIKH, RITA M., US [71] WARNER-LAMBERT COMPANY, US [85] 2001-08-30 [86] 2000-02-16 (PCT/US00/03981) [87] 2000-10-19 (WO00/61092) [30] US (60/288,828) 1999-04-08</p>	



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[21] **2,362,029**  
[13] A1  
[51] **Int.Cl. 7H04L 1/04 7H04H 1/00**  
**7H04L 1/02 7H04L 27/26**  
[25] EN  
[54] **A SYSTEM AND METHOD FOR**  
**RECOVERING SYMBOL TIMING**  
**OFFSET AND CARRIER FREQUENCY**  
**ERROR**  
[54] **SYSTEME ET PROCEDE DE**  
**RECUPERATION DE DECALAGE DE**  
**SYNCHRONISATION DE SYMBOLE ET**  
**D'ERREUR DE FREQUENCE**  
**PORTEUSE DANS UN SYSTEME DE**  
**DIFFUSION AUDIO NUMERIQUE**  
**OFDM**  
[72] BRONDER, JOSEPH BERTRAM, US  
[72] PEYLA, PAUL JAMES, US  
[71] USA DIGITAL RADIO, INC., US  
[85] 2001-08-17  
[86] 2000-02-17 (PCT/US00/04062)  
[87] 2000-08-24 (WO00/49782)  
[30] US (09/252,959) 1999-02-18

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[21] **2,362,030**  
[13] A1  
[51] **Int.Cl. 7A61K 7/00 7A61K 7/48**  
[25] EN  
[54] **FOAMING COSMETIC PRODUCTS**  
[54] **PRODUITS COSMETIQUES SOUS**  
**FORME DE MOUSSE**  
[72] MOHAMMADI, FATEMEH, US  
[71] UNILEVER PLC, GB  
[85] 2001-07-26  
[86] 1999-12-02 (PCT/EP99/09586)  
[87] 2000-10-19 (WO00/61076)  
[30] US (60/129,273) 1999-04-14

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[21] **2,362,032**  
[13] A1  
[51] **Int.Cl. 7G01G 19/18 7G01G 17/04**  
[25] EN  
[54] **WEIGHING APPARATUS**  
[54] **APPAREIL DE PESAGE**  
[72] ARMITAGE, DAVID, GB  
[71] DE MONTFORT EXPERTISE  
LIMITED, GB  
[85] 2001-08-07  
[86] 2000-02-08 (PCT/GB00/00352)  
[87] 2000-08-17 (WO00/47960)  
[30] GB (9902795.5) 1999-02-09

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[21] **2,362,034**  
[13] A1  
[51] **Int.Cl. 7C08F 255/06 7C08F 287/00**  
**7C08F 291/00 7C10M 143/00 7C08F 226/**  
**06 7C10M 149/06 7C10M 149/10 7C08F**  
**220/56**  
[25] EN  
[54] **DISPERSANT-VISCOSITY**  
**IMPROVERS FOR LUBRICATING OIL**  
**COMPOSITIONS**  
[54] **AMELIORANTS DE VISCOSITE**  
**D'IMPURITE POUR COMPOSITIONS**  
**D'HUILES DE LUBRICATION**  
[72] SMOGGIE, JOHN C., US  
[72] LANGE, RICHARD M., US  
[71] THE LUBRIZOL CORPORATION, US  
[85] 2001-05-17  
[86] 2000-09-14 (PCT/US00/25173)  
[87] 2001-03-22 (WO01/19882)  
[30] US (60/154,625) 1999-09-17

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[21] **2,362,035**  
[13] A1  
[51] **Int.Cl. 7G06F 7/00 7B65H 39/00**  
[25] EN  
[54] **SYSTEM AND METHOD FOR**  
**SELECTIVELY PRINTING MESSAGES**  
**AND ADDING INSERTS TO MONTHLY**  
**STATEMENTS**  
[54] **SYSTEME ET PROCEDE**  
**PERMETTANT D'IMPRIMER DES**  
**MESSAGES SUR DES RELEVES**  
**MENSUELS ET D'Y AJOUTER DES**  
**INSERTIONS DE MANIERE**  
**SELECTIVE**  
[72] MAHAFFEY, ANN, US  
[71] FIRST DATA CORPORATION, US  
[85] 2001-07-31  
[86] 2000-02-04 (PCT/US00/02843)  
[87] 2000-08-10 (WO00/46662)  
[30] US (09/246,025) 1999-02-05

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[21] **2,362,036**  
[13] A1  
[51] **Int.Cl. 7C08F 8/04 7C08F 8/00**  
[25] EN  
[54] **METHOD FOR HYDROGENATING**  
**AROMATIC POLYMERS IN THE**  
**PRESENCE OF SPECIAL CATALYSTS**  
[54] **PROCEDE D'HYDROGENATION**  
**DE POLYMERES AROMATIQUES**  
**SPECIAUX EN PRESENCE DE**  
**CATALYSEURS**  
[72] DOUZINAS, KONSTADINOS, DE  
[72] RECHNER, JOHANN, DE  
[72] WEGE, VOLKER, DE  
[71] BAYER AKTIENGESELLSCHAFT,  
DE  
[71] TEIJIN LIMITED, JP  
[85] 2001-08-02  
[86] 2000-01-26 (PCT/EP00/00576)  
[87] 2000-08-10 (WO00/46259)  
[30] DE (199 04 612.3) 1999-02-05

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[21] **2,362,037**  
[13] A1  
[51] **Int.Cl. 7G01K 11/06 7G01K 3/04**  
[25] EN  
[54] **THERMAL HISTORY**  
**INDICATORS**  
[54] **INDICATEURS DE SUIVI**  
**THERMIQUE**  
[72] TESTER, RICHARD, GB  
[71] TEMP-TELL LIMITED, GB  
[85] 2001-08-10  
[86] 2000-02-10 (PCT/GB00/00398)  
[87] 2000-08-17 (WO00/47964)  
[30] GB (9902817.7) 1999-02-10

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[21] **2,362,039**  
[13] A1  
[51] **Int.Cl. 7C08K 5/20 7C08L 23/10**  
[25] EN  
[54] **NOVEL SLIP AGENTS AND**  
**POLYPROPYLENE FILMS PREPARED**  
**THEREFROM**  
[54] **NOUVEAUX AGENTS GLISSANTS**  
**ET FILMS DE POLYPROPYLENE**  
**PREPARES A PARTIR DE CES AGENTS**  
[72] LONGMOORE, KENNETH J., US  
[72] BULLOCK, EDWARD K., US  
[71] APPLIED EXTRUSION  
TECHNOLOGIES, INC., US  
[85] 2001-08-02  
[86] 1999-02-03 (PCT/US99/02375)  
[87] 2000-08-10 (WO00/46288)

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[21] **2,362,040**  
[13] A1

[51] **Int.Cl. 7G01L 19/00 7G01L 9/00 7A61M 1/36**  
[25] EN  
[54] **IMPROVED COUPLED DIAPHRAGM INTERFACE FOR PHACOEMULSIFICATION APPARATUS**  
[54] **AMELIORATIONS APPORTEES A UN COUPLAGE INTERFACE/ MEMBRANE POUR APPAREIL DE PHACO-EMULSIFICATION**  
[72] COLE, MARK S., US  
[71] ALLERGAN SALES, INC., US  
[85] 2001-08-02  
[86] 2000-02-09 (PCT/US00/03368)  
[87] 2000-08-17 (WO00/47970)  
[30] US (09/247,841) 1999-02-10

[21] **2,362,042**  
[13] A1

[51] **Int.Cl. 7G01N 27/447**  
[25] EN  
[54] **RAPID ASSEMBLY CASTING SYSTEM FOR SLAB GELS**  
[54] **SYSTEME DE COULAGE D'ENSEMBLE RAPIDE POUR GELS EN PLAQUE**  
[72] PEREZ, EVELIO, US  
[72] FERNWOOD, GEORGE, US  
[71] BIO-RAD LABORATORIES, INC., US  
[85] 2001-08-09  
[86] 2000-02-10 (PCT/US00/03649)  
[87] 2000-08-17 (WO00/47984)  
[30] US (09/249,378) 1999-02-12

[21] **2,362,044**  
[13] A1

[51] **Int.Cl. 7C08L 23/04 7C08L 83/04 7C08L 23/10 7C08K 3/34**  
[25] EN  
[54] **FIRE RESISTANT THERMOPLASTIC SILICONE VULCANIZATES**  
[54] **VULCANISATS DE SILICONES THERMOPLASTIQUES ININFLAMMABLES**  
[72] ROMENESKO, DAVID J., US  
[72] SHEPHARD, KIERSTEN L., US  
[71] DOW CORNING CORPORATION, US  
[85] 2001-08-02  
[86] 2000-01-31 (PCT/US00/02417)  
[87] 2000-08-10 (WO00/46291)  
[30] US (09/243,039) 1999-02-02

[21] **2,362,046**  
[13] A1

[51] **Int.Cl. 7A61L 27/22 7A61K 38/18 7A61L 27/46 7A61L 27/58**  
[25] EN  
[54] **OSTEOGENIC PASTE COMPOSITIONS AND USES THEREOF**  
[54] **COMPOSITIONS DE PATE OSTEOGENIQUE ET LEURS UTILISATIONS**  
[72] MCKAY, WILLIAM F., US  
[71] SDGI HOLDINGS, INC., US  
[85] 2001-08-02  
[86] 2000-02-04 (PCT/US00/03024)  
[87] 2000-08-10 (WO00/45870)  
[30] US (60/118,614) 1999-02-04

[21] **2,362,047**  
[13] A1

[51] **Int.Cl. 7A61K 35/00 7A61K 45/06 7A61K 31/70**  
[25] EN  
[54] **TREATMENT REGIMEN FOR PROSTATE CANCER, INITIATED AFTER ANDROGEN ABLATIVE THERAPY HAS STARTED**  
[54] **REGIME DE TRAITEMENT DU CANCER DE LA PROSTATE**  
[72] HELSON, LARRY, US  
[71] NAPRO BIOTHERAPEUTICS, INC., US  
[85] 2001-08-24  
[86] 2000-02-25 (PCT/US00/04877)  
[87] 2000-08-31 (WO00/50021)  
[30] US (60/121,920) 1999-02-26

[21] **2,362,049**  
[13] A1

[51] **Int.Cl. 7A61L 27/22 7A61K 38/18 7A61L 27/46 7A61L 27/56**  
[25] EN  
[54] **HIGHLY-MINERALIZED OSTEOGENIC SPONGE COMPOSITIONS, AND USES THEREOF**  
[54] **COMPOSITIONS SPONGIEUSES OSTEOGENIQUES EXTREMEMENT MINERALISEES ET LEURS UTILISATIONS**  
[72] MCKAY, WILLIAM F., US  
[71] SDGI HOLDINGS, INC., US  
[85] 2001-08-02  
[86] 2000-02-04 (PCT/US00/03043)  
[87] 2000-08-10 (WO00/45871)  
[30] US (60/118,615) 1999-02-04

[21] **2,362,050**  
[13] A1

[51] **Int.Cl. 6E04F 19/04 6E04F 13/06**  
[25] EN  
[54] **DRYWALL CORNER FINISHING DEVICE**  
[54] **DISPOSITIF DE FINITION POUR COINS DE PLACOPLATRE**  
[72] STIBOLT, PAUL E., US  
[71] STIBOLT, PAUL E., US  
[85] 2001-08-01  
[86] 1999-02-05 (PCT/US99/02467)  
[87] 2000-08-10 (WO00/46467)

[21] **2,362,051**  
[13] A1

[51] **Int.Cl. 7A61M 1/00**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR USE IN PERFUSION APPLICATIONS**  
[54] **PROCEDES ET COMPOSITIONS DESTINES A ETRE UTILISES DANS DES APPLICATIONS DE PERFUSION**  
[72] SEGALL, PAUL E., US  
[72] WAITZ, HAROLD D., US  
[72] STERNBERG, HAL, US  
[71] BIOTIME, INC., US  
[85] 2001-08-02  
[86] 2000-01-24 (PCT/US00/01703)  
[87] 2000-08-10 (WO00/45873)  
[30] US (09/243,921) 1999-02-03

[21] **2,362,052**  
[13] A1

[51] **Int.Cl. 7G01N 33/537**  
[25] EN  
[54] **HIGH THROUGHPUT SIZE-EXCLUSIVE METHOD OF SCREENING COMPLEX BIOLOGICAL MATERIALS FOR AFFINITY LIGANDS**  
[54] **RECHERCHE SYSTEMATIQUE DE LIGANDS AFFINITAIRES DANS DES MATERIAUX BIOLOGIQUES COMPLEXES PAR UN PROCEDE HAUT DEBIT A EXCLUSION PAR TAILLE**  
[72] DUNAYEVSKIY, YURIY M., US  
[72] HUGHES, DALLAS E., US  
[71] CETEK CORPORATION, US  
[85] 2001-08-10  
[86] 2000-02-11 (PCT/US00/03562)  
[87] 2000-08-17 (WO00/47999)  
[30] US (60/119,966) 1999-02-12

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[21] **2,362,053**  
[13] A1

[51] **Int.Cl. 7H04M 1/27 7H04M 1/60**  
[25] EN  
[54] **VOICE RECOGNITION USER INTERFACE FOR TELEPHONE HANDSETS**  
[54] **INTERFACE UTILISATEUR A RECONNAISSANCE VOCALE POUR COMBINES TELEPHONIQUES**  
[72] BI, NING, US  
[72] CHANG, CHIENCHUNG, US  
[72] CHINNASWAMI, KARTHICK, US  
[72] DEJACO, ANDREW P., US  
[72] OPALSKY, ROBERT, US  
[72] KENAGY, JASON B., US  
[72] BEITH, SCOTT D., US  
[72] PAN, GEORGE, US  
[71] QUALCOMM INCORPORATED, US  
[85] 2001-08-08  
[86] 2000-02-08 (PCT/US00/03257)  
[87] 2000-08-10 (WO00/46969)  
[30] US (09/246,499) 1999-02-08

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[21] **2,362,054**  
[13] A1

[51] **Int.Cl. 7G01N 33/543**  
[25] EN  
[54] **INTRABEAD SCREENING METHODS AND COMPOSITIONS**  
[54] **METHODES ET COMPOSITIONS DE CRIBLAGE INTRABILLE**  
[72] WALT, DAVID R., US  
[72] STUELPNAGEL, JOHN R., US  
[72] CZARNIK, ANTHONY W., US  
[71] ILLUMINA, INC., US  
[85] 2001-08-08  
[86] 2000-02-09 (PCT/US00/03370)  
[87] 2000-08-17 (WO00/48000)  
[30] US (60/119,343) 1999-02-09

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[21] **2,362,055**  
[13] A1

[51] **Int.Cl. 7G01N 33/86**  
[25] EN  
[54] **A METHOD AND APPARATUS FOR PREDICTING THE PRESENCE OF HAEMOSTATIC DYSFUNCTION IN A PATIENT SAMPLE**  
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE PREVOIR UN DYSFONCTIONNEMENT HAEMOSTATIQUE A PARTIR D'UN PRELEVEMENT DE PATIENT**  
[72] FISCHER, TIMOTHY J., US  
[72] TOH, CHENG HOCK, GB  
[72] DOWNEY, COLIN, GB  
[71] AKZO NOBEL N.V., NL  
[85] 2001-08-03  
[86] 2000-02-04 (PCT/US00/02987)  
[87] 2000-08-10 (WO00/46603)  
[30] US (09/244,340) 1999-02-04

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[21] **2,362,057**  
[13] A1

[51] **Int.Cl. 7H04B 1/707**  
[25] EN  
[54] **METHOD AND APPARATUS FOR TIME TRACKING**  
[54] **PROCEDE ET APPAREIL DE POURSUITE DANS LE TEMPS**  
[72] LEVIN, JEFFREY A., US  
[72] RIDDLE, CHRISTOPHER C., US  
[72] SHERMAN, TOM, US  
[71] QUALCOMM INCORPORATED, US  
[85] 2001-08-01  
[86] 2000-02-08 (PCT/US00/03259)  
[87] 2000-08-10 (WO00/46935)  
[30] US (09/246,446) 1999-02-08

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[21] **2,362,058**  
[13] A1

[51] **Int.Cl. 7G01N 33/15 7G01N 24/08 7G01R 33/46**  
[25] EN  
[54] **PROCESS FOR QUALITY CONTROL AND STANDARDISATION OF MEDICINAL PLANT PRODUCTS**  
[54] **PROCEDE DE CONTROLE DE QUALITE ET DE STANDARDISATION POUR PRODUITS A BASE DE PLANTES MEDICINALES**  
[72] HYLANDS, PETER JOHN, GB  
[72] NICHOLSON, JEREMY KIRK, GB  
[72] HOLMES, ELAINE CLAIRE, GB  
[72] DUNN, MICHAEL JOHN, GB  
[71] OXFORD NATURAL PRODUCTS PLC, GB  
[85] 2001-08-09  
[86] 2000-02-10 (PCT/GB00/00428)  
[87] 2000-08-17 (WO00/47992)  
[30] GB (9903011.6) 1999-02-10  
[30] US (60/120,591) 1999-02-18  
[30] GB (9919573.7) 1999-08-18  
[30] US (60/149,468) 1999-08-19  
[30] GB (9928541.3) 1999-12-02  
[30] US (60/168,382) 1999-12-02

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[21] **2,362,059**  
[13] A1

[51] **Int.Cl. 7C01B 33/143**  
[25] EN  
[54] **IMPROVED CONTINUOUS PROCESS FOR PREPARING MICROGELS**  
[54] **PROCEDE EN CONTINU AMELIORE DE PREPARATION DE MICROGELS**  
[72] MOFFETT, ROBERT HARVEY, US  
[72] SIMMONS, WALTER JOHN, US  
[72] JONES, ROY CARLTON, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2001-08-28  
[86] 1999-09-13 (PCT/US99/21060)  
[87] 2001-03-22 (WO01/19730)

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[21] **2,362,064**  
[13] A1

[51] **Int.Cl. 7H05G 1/04**  
[25] EN  
[54] **METHOD AND APPARATUS FOR EXTENDING THE LIFE OF AN X-RAY TUBE**  
[54] **PROCEDE ET APPAREIL PERMETTANT DE PROLONGER LA DUREE DE VIE D'UN TUBE A RAYONS X**  
[72] DILICK, MAURICE D., US  
[71] DILICK, MAURICE D., US  
[85] 2001-08-03  
[86] 2000-01-21 (PCT/US00/01505)  
[87] 2000-08-10 (WO00/47022)  
[30] US (09/244,729) 1999-02-05

[21] **2,362,066**  
[13] A1

[51] **Int.Cl. 7H01B 3/46 7C08L 83/04 7C08K 3/34**  
[25] EN  
[54] **FLAME RESISTANT SILICONE RUBBER WIRE AND CABLE COATING COMPOSITION**  
[54] **COMPOSITION DE REVETEMENT POUR FILS ET CABLES A BASE DE CAOUTCHOUC DE SILICONE ET RESISTANTE A L'INFLAMMATION**  
[72] SHEPHARD, KIERSTEN L., US  
[71] DOW CORNING CORPORATION, US  
[85] 2001-08-02  
[86] 2000-01-31 (PCT/US00/02472)  
[87] 2000-08-10 (WO00/46817)  
[30] US (09/241,474) 1999-02-02

[21] **2,362,068**  
[13] A1

[51] **Int.Cl. 7D06M 13/144 7D06M 16/00 7D06M 13/148 7D06M 11/38**  
[25] EN  
[54] **A METHOD FOR TREATMENT OF WOOL**  
[54] **PROCEDE DE TRAITEMENT DE LA LAINE**  
[72] MCDEVITT, JASON PATRICK, US  
[72] XIANGHONG, CAROLINE SHI, US  
[71] NOVOZYMES NORTH AMERICA, INC., US  
[85] 2001-08-03  
[86] 2000-02-23 (PCT/US00/04535)  
[87] 2000-08-31 (WO00/50686)  
[30] US (09/256,609) 1999-02-23

[21] **2,362,072**  
[13] A1

[51] **Int.Cl. 7C07C 301/00 7C07C 309/04 7C07D 327/10 7C07C 303/22 7C07C 303/26 7C07C 309/66**  
[25] EN  
[54] **METHOD FOR PRODUCING ALKANESULFONIC ACIDS**  
[54] **PROCEDE POUR PREPARER DES ACIDES SULFONIQUES D'ALCANE**  
[72] HALBRITTER, KLAUS, DE  
[72] EIERMANN, MATTHIAS, DE  
[72] FREUDENTHALER, EVA, DE  
[72] STERZEL, HANS-JOSEF, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2001-08-02  
[86] 2000-02-03 (PCT/EP00/00860)  
[87] 2000-08-10 (WO00/46188)  
[30] DE (199 04 262.4) 1999-02-03

[21] **2,362,073**  
[13] A1

[51] **Int.Cl. 7C09D 5/44**  
[25] EN  
[54] **CATHODIC ELECTRODEPOSITION COATINGS, THEIR PRODUCTION AND THEIR USE**  
[54] **VERNIS AU TREMPE A DEPOT CATHODIQUE, SON MODE DE PRODUCTION ET SON UTILISATION**  
[72] KUHIRT, WALTER, DE  
[72] KLEIN, KLAUSJORG, DE  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2001-08-01  
[86] 2000-02-22 (PCT/EP00/01434)  
[87] 2000-08-31 (WO00/50522)  
[30] DE (199 08 144.1) 1999-02-25

[21] **2,362,075**  
[13] A1

[51] **Int.Cl. 7F04C 2/08 7F04C 2/16**  
[25] EN  
[54] **TWIN DELIVERY SCREWS PROVIDED FOR INSTALLATION IN POSITIVE-DISPLACEMENT MACHINES, ESPECIALLY PUMPS**  
[54] **VIS SANS FIN JUMELLES DESTINEES A ETRE INSTALLEES DANS DES MACHINES DE DEPLACEMENT, EN PARTICULIER DES POMPES**  
[72] BECHER, ULRICH, CH  
[71] ATELIERS BUSCH S.A., CH  
[85] 2001-08-07  
[86] 1999-12-07 (PCT/CH99/00587)  
[87] 2000-08-17 (WO00/47897)  
[30] EP (99810101.8) 1999-02-08

[21] **2,362,077**  
[13] A1

[51] **Int.Cl. 7C07D 207/20 7A61P 3/04 7A61P 3/10 7C07D 401/12 7C07D 409/12 7A61K 31/40 7A61K 31/44 7A61K 31/4436 7A61K 31/4545 7A61K 31/4709 7C07D 211/70**  
[25] EN  
[54] **CYCLIC AMINE DERIVATIVES AND USES THEREOF**  
[54] **DERIVES D'AMINE CYCLIQUE ET LEURS UTILISATIONS**  
[72] KATSUURA, GORO, JP  
[72] SAKAGUCHI, ISAKO, JP  
[72] YANO, TOSHISADA, JP  
[71] SHIONOGI & CO., LTD., JP  
[85] 2001-07-31  
[86] 2000-01-28 (PCT/JP00/00445)  
[87] 2000-08-10 (WO00/46194)  
[30] JP (11/29435) 1999-02-08

[21] **2,362,080**  
[13] A1

[51] **Int.Cl. 7F16K 5/06 7F16K 5/20**  
[25] EN  
[54] **DEVICE BY BALL VALVE**  
[54] **DISPOSITIF DE CLAPET A BILLE**  
[72] ROYRVIK, ERLING, NO  
[72] SAGHAUG, EINAR, NO  
[72] KLYDE, INGOLF, NO  
[71] KLYDE, INGOLF, NO  
[85] 2001-07-30  
[86] 2000-01-12 (PCT/NO00/00007)  
[87] 2000-08-31 (WO00/50792)  
[30] NO (19990632) 1999-02-11

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[21] **2,362,082**  
[13] A1  
[51] **Int.Cl. 7C07D 211/56 7A61P 43/00 7A61K 31/445**  
[25] EN  
[54] **2-N-SUBSTITUTED OR UNSUBSTITUTED-2-AMINO-5-METHYLPIPERIDINE-3,4-DIOLS AND PROCESSES FOR THE PREPARATION THEREOF**  
[54] **2-AMINO-5-METHYLPIPERIDINE-3,4-DIOLS AVEC OU SANS SUBSTITUTION 2-N ET PROCEDES RELATIFS A L'ELABORATION DE CES PRODUITS**  
[72] NISHIMURA, YOSHIO, JP  
[72] SHITARA, EIKI, JP  
[72] TAKEUCHI, TOMIO, JP  
[71] MEIJI SEIKA KAISHA, LTD., JP  
[71] ZAIDAN HOJIN BISEIBUTSU KAGAKU KENKYU KAI, JP  
[85] 2001-08-02  
[86] 2000-02-02 (PCT/JP00/00572)  
[87] 2000-08-10 (WO00/46200)  
[30] JP (11/25175) 1999-02-02

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[21] **2,362,084**  
[13] A1  
[51] **Int.Cl. 7A61B 18/18**  
[25] EN  
[54] **IMPROVED INTERFACE FOR LASER EYE SURGERY**  
[54] **INTERFACE AMELIOREE POUR CHIRURGIE OCULAIRE AU LASER**  
[72] SCRAMAGLIA, ERIK, US  
[72] HOFER, RICHARD A., US  
[72] COWPERTHWAITTE, MICHAEL, US  
[72] CLAPHAM, TERRANCE N., US  
[71] VISX, INC., US  
[85] 2001-08-30  
[86] 2000-03-28 (PCT/US00/08254)  
[87] 2000-10-12 (WO00/59402)  
[30] US (60/128,122) 1999-04-07

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[21] **2,362,085**  
[13] A1  
[51] **Int.Cl. 7C07D 239/02 7C07D 401/00 7C07D 403/00 7C07D 405/00 7C07D 409/00 7C07D 411/00 7C07D 413/00 7C07D 417/00 7C07D 419/00**  
[25] EN  
[54] **METHOD OF SYNTHESIZING BARBITURIC ACID DERIVATIVES AND THEIR USE FOR THE SYNTHESIS OF CHEMICAL LIBRARIES**  
[54] **PROCEDE DE SYNTHESE DE DERIVES D'ACIDE BARBITURIQUE ET UTILISATION DE CES DERIVES D'ACIDE BARBITURIQUE POUR LA SYNTHESE DE BIBLIOTHEQUES CHIMIQUES**  
[72] MJALLI, ADNAN M. M., US  
[71] TRANS TECH PHARMA, US  
[85] 2001-08-02  
[86] 2000-02-04 (PCT/US00/02998)  
[87] 2000-08-10 (WO00/46211)  
[30] US (60/118,547) 1999-02-04

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[21] **2,362,088**  
[13] A1  
[51] **Int.Cl. 7C09B 67/22**  
[25] EN  
[54] **CRIMSON-COLORED PIGMENT COMPOSITION AND THE UTILIZATION THEREOF**  
[54] **COMPOSITION DE PIGMENT POURPRE ET SON UTILISATION**  
[72] RUF, KLAUS, DE  
[72] HAUSER, HANSPETER, CH  
[72] GRANDIDIER, YVES, FR  
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH  
[85] 2001-08-01  
[86] 2000-03-20 (PCT/EP00/02442)  
[87] 2000-09-28 (WO00/56819)  
[30] CH (556/99) 1999-03-24

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[21] **2,362,091**  
[13] A1  
[51] **Int.Cl. 7C07K 14/52 7A61P 17/00 7A61P 35/00 7C12N 5/06 7A61P 37/06 7C07K 16/24 7C07K 16/28 7C07K 14/715**  
[25] EN  
[54] **USE OF AGONISTS OR ANTAGONISTS OF MIP-3A IN THERAPY**  
[54] **UTILISATION D'AGONISTES OU D'ANTAGONISTES DE LA CHIMIOKINE MIP-3A A DES FINS THERAPEUTIQUES**  
[72] DIEU-NOSJEAN, MARIE-CAROLINE, FR  
[72] CAUX, CHRISTOPHE, FR  
[72] HOMEY, BERNHARD, US  
[72] OLDHAM, ELIZABETH R., US  
[72] ZLOTNIK, ALBERT, US  
[71] SCHERING CORPORATION, US  
[85] 2001-08-02  
[86] 2000-02-02 (PCT/US00/00511)  
[87] 2000-08-10 (WO00/46248)  
[30] US (09/244,281) 1999-02-03

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[21] **2,362,093**  
[13] A1  
[51] **Int.Cl. 7C08F 10/00 7C07D 345/00 7C07F 7/00 7C07F 17/00 7C08F 4/642 7C07D 333/78**  
[25] EN  
[54] **METALLOCENE COMPOUNDS, PROCESS FOR THEIR PREPARATION AND THEIR USE IN CATALYTIC SYSTEMS FOR THE POLYMERIZATION OF OLEFINS**  
[54] **COMPOSES DE METALLOCENE, PROCEDE DE PREPARATION CORRESPONDANT ET UTILISATION DESDITS COMPOSES DANS DES SYSTEMES CATALYTIQUES POUR LA POLYMERISATION D'OLEFINES**  
[72] JONES, ROBERT L., US  
[72] ELDER, MICHAEL J., US  
[72] EWEN, JOHN A., US  
[71] BASSELL TECHNOLOGY COMPANY B.V., NL  
[85] 2001-08-01  
[86] 2000-12-07 (PCT/EP00/12406)  
[87] 2001-06-21 (WO01/44318)  
[30] US (09/461,858) 1999-12-15

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[21] **2,362,098**  
[13] A1

[51] **Int.Cl. 7C07K 16/08 7A01K 67/027 7C07K 16/18 7C07K 16/24 7C07K 16/28 7C07K 16/30 7A61K 39/395**  
[25] EN  
[54] **HUMAN POLYCLONAL ANTIBODIES FROM TRANSGENIC NONHUMAN ANIMALS**  
[54] **ANTICORPS HUMAINS POLYCLONAUX D'ANIMAUX GENETIQUEMENT MODIFIES**  
[72] BULOW, JEANS-ULRICH, DE  
[71] BULOW, JEANS-ULRICH, DE  
[85] 2001-08-02  
[86] 2000-02-04 (PCT/EP00/00933)  
[87] 2000-08-10 (WO00/46251)  
[30] US (60/118,810) 1999-02-05  
[30] US (60/131,398) 1999-04-28  
[30] US (60/134,674) 1999-05-18

[21] **2,362,099**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7A61K 38/00 7C07H 21/02 7C07H 21/04 7A01N 37/18**  
[25] EN  
[54] **T CELL RECEPTOR V.BETA.-D.BETA.-J.BETA. SEQUENCE AND METHODS FOR ITS DETECTION**  
[54] **SEQUENCE V.BETA.-D.BETA.-J.BETA. DU RECEPTEUR DE LEUCOCYTES T ET PROCEDES DE SA DETECTION**  
[72] ZHANG, JINGWU Z., US  
[71] BAYLOR COLLEGE OF MEDICINE, US  
[85] 2001-08-21  
[86] 2000-02-22 (PCT/US00/40006)  
[87] 2000-08-31 (WO00/50641)  
[30] US (60/121,311) 1999-02-23

[21] **2,362,101**  
[13] A1

[51] **Int.Cl. 7H03F 1/26**  
[25] EN  
[54] **A CLOSED LOOP CALIBRATION FOR AN AMPLITUDE RECONSTRUCTION AMPLIFIER**  
[54] **ETALONNAGE EN BOUCLE FERMEE, DESTINE A UN AMPLIFICATEUR DE RECONSTRUCTION D'AMPLITUDE**  
[72] BASEGHI, BEHSHAD, US  
[72] SHYNK, JOHN J., US  
[72] KOLANEK, JAMES C., US  
[71] FUJANT, INC., US  
[85] 2001-08-03  
[86] 2000-02-01 (PCT/US00/02586)  
[87] 2000-08-10 (WO00/46916)  
[30] US (09/245,504) 1999-02-05

[21] **2,362,102**  
[13] A1

[51] **Int.Cl. 7G01N 21/65 7G01N 21/89**  
[25] EN  
[54] **PROCESS FOR DETERMINING THE DYE UPTAKE OF POLYETHYLENE TEREPHTHALATE FIBRES**  
[54] **PROCEDE POUR DETERMINER L'ABSORPTION DE COLORANT DE FIBRES DE TEREPHTHALATE DE POLYETHYLENE**  
[72] SWIERINGA, ERIK, NL  
[72] VAN WIJK, ROBERT JAN, NL  
[72] DE WEIJER, ANTON PETER, NL  
[71] ACORDIS INDUSTRIAL FIBERS GMBH, DE  
[85] 2001-08-01  
[86] 2000-01-26 (PCT/EP00/00591)  
[87] 2000-08-17 (WO00/47980)  
[30] NL (1011249) 1999-02-09  
[30] NL (1011418) 1999-03-01

[21] **2,362,103**  
[13] A1

[51] **Int.Cl. 7H03K 7/04 7H03K 9/04 7H03K 7/06 7H03K 9/06**  
[25] EN  
[54] **APPARATUS AND METHOD FOR IMPLEMENTING DIGITAL COMMUNICATIONS ON A POWER LINE**  
[54] **APPAREIL ET PROCEDE D'ETABLISSEMENT DE COMMUNICATIONS NUMERIQUES DANS UNE LIGNE ELECTRIQUE**  
[72] GUYKER, WILLIAM C., US  
[72] CURT, WALTER M., US  
[72] CROUSHORE, TIMOTHY M., US  
[72] SHOMO, GLEN K., III, US  
[72] CHILDERS, JAMES M., IV, US  
[72] MULLINS, CHRIS F., US  
[71] ELECTRIC POWER RESEARCH INSTITUTE, INC., US  
[85] 2001-08-03  
[86] 2000-02-03 (PCT/US00/02792)  
[87] 2000-08-10 (WO00/46923)  
[30] US (60/118,647) 1999-02-04

[21] **2,362,111**  
[13] A1

[51] **Int.Cl. 7B05B 17/06**  
[25] EN  
[54] **PIEZOELECTRIC SPRAYING SYSTEM FOR DISPENSING VOLATILES**  
[54] **SYSTEME DE PULVERISATION PIEZO-ELECTRIQUE POUR DISTRIBUTION D'AGENTS VOLATILS**  
[72] TOMKINS, DAVID A., US  
[72] MARTENS, EDWARD J., III, US  
[71] S. C. JOHNSON & SON, INC., US  
[85] 2001-08-09  
[86] 2000-02-09 (PCT/US00/03428)  
[87] 2000-08-17 (WO00/47335)  
[30] US (60/119,298) 1999-02-09

[21] **2,362,112**  
[13] A1

[51] **Int.Cl. 7A61N 1/30**  
[25] EN  
[54] **IONTOPHORESIS, ELECTROPORATION AND COMBINATION PATCHES FOR LOCAL DRUG DELIVERY**  
[54] **IONOPHORESE, ELECTROPORATION ET DISPOSITIFS A PATCH COMBINES POUR ADMINISTRATION LOCALE DE MEDICAMENTS**  
[72] CRAWFORD, NEVILLE, GB  
[72] BROWN, CHARLES L., III, US  
[71] GMP DRUG DELIVERY, INC., US  
[85] 2001-08-09  
[86] 2000-02-10 (PCT/US00/03497)  
[87] 2000-08-17 (WO00/47274)  
[30] US (60/119,749) 1999-02-10

[21] **2,362,113**  
[13] A1

[51] **Int.Cl. 7A61M 37/00**  
[25] EN  
[54] **FLUID DELIVERY APPARATUS WITH RESERVOIR FILL ASSEMBLY**  
[54] **APPAREIL D'ADMINISTRATION DE LIQUIDE DOTE D'UN ENSEMBLE DE REMPLISSAGE DE RESERVOIR**  
[72] ARONLD, STEVEN, US  
[72] KAZEMZADEH, FARHAD, US  
[72] GARRISON, JAMES, US  
[72] KRIESEL, MARSHALL, US  
[71] SCIENCE INCORPORATED, US  
[85] 2001-08-13  
[86] 2000-02-11 (PCT/US00/03628)  
[87] 2000-08-17 (WO00/47268)  
[30] US (09/250,036) 1999-02-12

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[21] **2,362,114**  
[13] A1  
[51] **Int.Cl. 7B03C 5/02 7B01L 3/00 7G01N 27/447**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PROGRAMMABLE FLUIDIC PROCESSING**  
[54] **PROCEDE ET DISPOSITIF POUR TRAITEMENT FLUIDIQUE PROGRAMMABLE**  
[72] GASCOYNE, PETER, US  
[72] DE GASPERIS, GIOVANNI, IT  
[72] WANG, XIAOBO, US  
[72] VYKOUKAL, JODY, US  
[72] BECKER, FREDERICK F., US  
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US  
[85] 2001-08-13  
[86] 2000-02-14 (PCT/US00/03805)  
[87] 2000-08-17 (WO00/47322)  
[30] US (09/249,955) 1999-02-12

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[21] **2,362,115**  
[13] A1  
[51] **Int.Cl. 7G08B 1/00**  
[25] EN  
[54] **DETECTION COMMUNICATION SYSTEMS**  
[54] **SYSTEMES DE COMMUNICATION POUR DETECTION**  
[72] MENARD, RAYMOND J., US  
[72] QUADY, CURTIS E., US  
[71] ROYAL THOUGHTS L.L.C., US  
[85] 2001-02-28  
[86] 1999-08-27 (PCT/US99/27902)  
[87] 2000-04-20 (WO00/22586)  
[30] US (60/098,270) 1998-08-28  
[30] US (60/098,387) 1998-08-29  
[30] US (60/098,392) 1998-08-29  
[30] US (60/098,444) 1998-08-31  
[30] US (60/098,463) 1998-08-31  
[30] US (60/098,406) 1998-08-31  
[30] US (60/105,119) 1998-10-21  
[30] US (60/105,493) 1998-10-23  
[30] US (09/219,737) 1998-12-22  
[30] US (09/277,805) 1999-03-27  
[30] US (60/135,862) 1999-05-25  
[30] US (09/372,249) 1999-08-11  
[30] US () 1999-08-26

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[21] **2,362,116**  
[13] A1  
[51] **Int.Cl. 7A61K 31/19 7A61K 31/38**  
[25] EN  
[54] **USE OF SUCCINIC ACID OR SALTS THEREOF FOR THE TREATMENT OF DIABETES MELLITUS AND WOUND HEALING**  
[54] **UTILISATION D'ACIDE SUCCINIQUE OU DE SES SELS DANS LE TRAITEMENT DU DIABETE ET LA CICATRISATION DE BLESSURES**  
[72] UKHANOVA, TATIYANA JURIEVNA, RU  
[72] KOLESOVA, OLGA EVGENIEVNA, RU  
[72] POMYTKIN, IGOR ANATOLIEVICH, RU  
[71] VERTELETSKY, PAVEL VASILIEVICH, RU  
[85] 2001-08-30  
[86] 1999-04-05 (PCT/RU99/00100)  
[87] 2000-10-12 (WO00/59499)

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[21] **2,362,117**  
[13] A1  
[51] **Int.Cl. 7G01N 15/14 7C12M 1/34 7G01N 33/50**  
[25] EN  
[54] **A SYSTEM FOR CELL-BASED SCREENING**  
[54] **SYSTEME DE CRIBLAGE CELLULAIRE**  
[72] GIULIANO, KENNETH A., US  
[72] KAPUR, RAVI, US  
[71] CELLOMICS, INC., US  
[85] 2001-08-21  
[86] 2000-02-25 (PCT/US00/04794)  
[87] 2000-08-31 (WO00/50872)  
[30] US (60/122,152) 1999-02-26  
[30] US (60/123,399) 1999-03-08  
[30] US (09/352,171) 1999-07-12

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[21] **2,362,118**  
[13] A1  
[51] **Int.Cl. 7B65D 81/34 7A47J 31/40**  
[25] EN  
[54] **SEALED CARTRIDGE FOR MAKING A BEVERAGE**  
[54] **CARTOUCHE ETANCHE DESTINEE A FABRIQUER UNE BOISSON**  
[72] MASEK, PETR, CH  
[72] YOAKIM, ALFRED, CH  
[71] SOCIETE DES PRODUITS NESTLE S.A., CH  
[85] 2001-08-02  
[86] 2000-03-02 (PCT/EP00/01752)  
[87] 2000-09-28 (WO00/56629)  
[30] EP (99105596.3) 1999-03-18

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[21] **2,362,119**  
[13] A1  
[51] **Int.Cl. 7G01N 33/534 7G01N 33/60**  
[25] EN  
[54] **RADIOLABELING KIT AND BINDING ASSAY**  
[54] **KIT DE MARQUAGE ISOTOPIQUE ET IMMUNODETECTION**  
[72] LEONARD, JOHN E., US  
[72] LABARRE, MICHAEL, US  
[72] CHINN, PAUL, US  
[72] MORENA, RONALD, US  
[71] IDEC PHARMACEUTICALS CORPORATION, US  
[85] 2001-08-16  
[86] 2000-02-29 (PCT/US00/05061)  
[87] 2000-09-08 (WO00/52473)  
[30] US (09/259,337) 1999-03-01

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[21] **2,362,120**  
[13] A1  
[51] **Int.Cl. 7B01D 45/08 7B01D 1/00**  
[25] EN  
[54] **DEVICE FOR CLEANING A FLUID IN THE FORM OF A VAPOR FROM A CIRCUIT**  
[54] **APPAREIL PERMETTANT DE LAVER UN FLUIDE SOUS FORME DE VAPEUR PROVENANT D'UN CIRCUIT**  
[72] MORA VALLEJO, NICASIO PAULINO, ES  
[71] MORA VALLEJO, NICASIO PAULINO, ES  
[85] 2001-08-02  
[86] 1999-10-22 (PCT/ES99/00339)  
[87] 2000-10-12 (WO00/59605)  
[30] ES (P 9900649) 1999-03-31  
[30] ES (P 9901029) 1999-05-14

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[21] **2,362,121**  
[13] A1  
[51] **Int.Cl. 7G07D 7/12 7G06K 9/00**  
[25] EN  
[54] **DOUBLE SHEET DETECTOR FOR AUTOMATED TRANSACTION MACHINE**  
[54] **PROCEDE DE DETECTION DOUBLE DE FEUILLES DESTINE A UNE MACHINE POUR TRANSACTION AUTOMATIQUE**  
[72] MA, SONGTAO, US  
[72] YECKLEY, ALEXANDER J., US  
[72] LASKOWSKI, EDWARD L., US  
[71] DIEBOLD, INCORPORATED, US  
[85] 2001-07-26  
[86] 2000-01-07 (PCT/US00/00560)  
[87] 2000-11-16 (WO00/68900)  
[30] US (60/133,613) 1999-05-11  
[30] US (09/375,960) 1999-08-17  
[30] US (09/376,138) 1999-08-17

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[21] **2,362,123**  
[13] A1

[51] **Int.Cl. 7C22C 38/42 7C21D 1/25 7C22C 38/48**  
[25] EN  
[54] **AN ENHANCED MACHINABILITY PRECIPITATION-HARDENABLE STAINLESS STEEL FOR CRITICAL APPLICATIONS**  
[54] **ACIER INOXYDABLE DURCISSABLE PAR PRECIPITATION A USINABILITE AMELIOREE, DESTINE A ETRE UTILISE DANS DES CONDITIONS EXTREMES**  
[72] GOWER, RONALD C., US  
[72] MARTIN, JAMES W., US  
[72] SCHMITT, ROLAND E., US  
[71] CRS HOLDINGS, INC., US  
[85] 2001-08-29  
[86] 2000-03-08 (PCT/US00/05916)  
[87] 2000-09-14 (WO00/53821)  
[30] US (60/123,230) 1999-03-08

[21] **2,362,124**  
[13] A1

[51] **Int.Cl. 7C07D 307/58**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF .ALPHA.-METHYLENELACTONES AND .ALPHA.-SUBSTITUTED HYDROCARBYLIDENE LACTONES**  
[54] **PROCEDE DE PREPARATION D'.ALPHA.-METHYLENELACTONES ET D'HYDROCARBYLIDENE-LACTONES .ALPHA.-SUBSTITUEES**  
[72] KING, RANDAL, US  
[72] BRANDENBURG, CHARLES, US  
[72] MANZER, LEO E., US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2001-08-20  
[86] 2000-03-24 (PCT/US00/07879)  
[87] 2000-10-05 (WO00/58298)  
[30] US (60/126,884) 1999-03-30

[21] **2,362,125**  
[13] A1

[51] **Int.Cl. 7H04B 7/185**  
[25] EN  
[54] **APPARATUS AND METHOD FOR GENERATING A REFERENCE FREQUENCY**  
[54] **APPAREIL ET PROCEDE PERMETTANT DE GENERER UNE FREQUENCE DE REFERENCE**  
[72] SIEBERT, PETER, DE  
[72] BETHSCHEIDER, GERHARD, DE  
[72] SCHULZ, DETLEF, DE  
[71] SOCIETE EUROPEENNE DES SATELLITES S.A., LU  
[85] 2001-08-02  
[86] 2000-02-09 (PCT/EP00/01037)  
[87] 2000-08-24 (WO00/49732)  
[30] EP (99103288.9) 1999-02-19  
[30] EP (99103407.5) 1999-02-22

[21] **2,362,126**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 48/00 7A01K 67/027 7C12N 5/10 7A61K 38/17 7C07K 16/28 7G01N 33/566 7C07K 14/705**  
[25] EN  
[54] **POLYPEPTIDES INVOLVED IN IMMUNE RESPONSE**  
[54] **NOUVEAUX POLYPEPTIDES IMPLIQUES DANS UNE REPONSE IMMUNE**  
[72] YOSHINAGA, STEVEN KIYOSHI, US  
[71] AMGEN INC., US  
[85] 2001-07-31  
[86] 2000-01-27 (PCT/US00/01871)  
[87] 2000-08-10 (WO00/46240)  
[30] US (09/244,448) 1999-02-03  
[30] US (09/264,527) 1999-03-08

[21] **2,362,127**  
[13] A1

[51] **Int.Cl. 7E02D 37/00**  
[25] EN  
[54] **WALL REPAIR CLIP, KIT FOR REPAIRING WALLBOARD, AND METHOD THEREOF**  
[54] **AGRAFE POUR REPARATION DE PANNEAU MURAL, PROCEDE ET KIT DE REPARATION DE PANNEAU MURAL**  
[72] DIGATE, JOHN T., US  
[71] DIGATE, JOHN T., US  
[85] 2001-08-27  
[86] 2000-03-07 (PCT/US00/05718)  
[87] 2000-09-14 (WO00/53854)  
[30] US (09/265,562) 1999-03-09

[21] **2,362,129**  
[13] A1

[51] **Int.Cl. 7G02C 7/02 7G02C 13/00**  
[25] EN  
[54] **SPECTACLE LENS AND MANUFACTURING METHOD THEREFOR**  
[54] **LUNETTES ET LEUR PROCEDE DE FABRICATION**  
[72] YAMAKAJI, TETSUMA, JP  
[72] HATANAKA, TAKASHI, JP  
[71] HOYA CORPORATION, JP  
[85] 2001-08-01  
[86] 2000-02-10 (PCT/JP00/00763)  
[87] 2000-08-17 (WO00/48035)  
[30] JP (11/35017) 1999-02-12

[21] **2,362,130**  
[13] A1

[51] **Int.Cl. 7H04L 9/32 7G06F 12/14**  
[25] EN  
[54] **CRYPTOGRAPHIC CONTROL AND MAINTENANCE OF ORGANIZATIONAL STRUCTURE AND FUNCTIONS**  
[54] **CONTROLE CRYPTOGRAPHIQUE ET MAINTIEN DE LA STRUCTURE ET DES FONCTIONS D'UNE ORGANISATION**  
[72] FRANKEL, YAIR, US  
[72] MONTGOMERY, CHARLES T., US  
[72] YUNG, MARCEL M., US  
[71] CARTCO, INC., US  
[85] 2001-08-02  
[86] 2000-02-16 (PCT/US00/04138)  
[87] 2000-08-24 (WO00/49756)  
[30] US (60/120,436) 1999-02-17  
[30] US (09/503,181) 2000-02-14

[21] **2,362,131**  
[13] A1

[51] **Int.Cl. 7H01S 3/063 7G02B 6/12**  
[25] EN  
[54] **WAVEGUIDE LASERS**  
[54] **LASERS A GUIDES D'ONDES**  
[72] MCCOY, MICHAEL A., US  
[72] BENDETT, MARK P., US  
[71] NORTHSTAR PHOTONICS, INC., US  
[85] 2001-07-26  
[86] 2000-01-26 (PCT/US00/01974)  
[87] 2000-08-31 (WO00/51212)  
[30] US (60/117,477) 1999-01-27  
[30] US (60/162,458) 1999-10-29



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[21] **2,362,132**  
[13] A1  
[51] **Int.Cl. 7C07F 7/18 7C07D 405/00**  
[25] EN  
[54] **NOVEL INTERMEDIATE FOR THE SYNTHESIS OF PROSTAGLANDINS**  
[54] **NOUVEAU PRODUIT INTERMEDIAIRE POUR LA SYNTHESE DES PROSTAGLANDINES**  
[72] JACKSON, PHILIP MARK, GB  
[72] LENNON, IAN CAMPBELL, GB  
[71] CHIROTECH TECHNOLOGY LIMITED, GB  
[85] 2001-08-24  
[86] 2000-04-11 (PCT/GB00/01375)  
[87] 2000-10-19 (WO00/61588)  
[30] GB (9908326.3) 1999-04-12

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[21] **2,362,134**  
[13] A1  
[51] **Int.Cl. 7C14C 1/02**  
[25] FR  
[54] **UTILISATION DE POLYMERES SUPERABSORBANTS POUR LE TRAITEMENT DES PEAUX BRUTES, COMPOSITIONS ET PROCEDE CORRESPONDANTS ET PEAUX AINSI TRAITES**  
[54] **USE OF SUPERABSORBENT POLYMERS FOR TREATING RAW SKINS, CORRESPONDING COMPOSITIONS AND METHODS AND RESULTING TREATED SKINS**  
[72] BROSSE, JACQUES, FR  
[72] SABATIER, BERNARD, FR  
[71] SNF S.A., FR  
[85] 2001-08-23  
[86] 2000-03-06 (PCT/FR00/00553)  
[87] 2000-09-14 (WO00/53816)  
[30] FR (99/03139) 1999-03-11

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[21] **2,362,135**  
[13] A1  
[51] **Int.Cl. 7C07D 213/85 7A61K 31/44**  
[25] EN  
[54] **NON-NUCLEOSIDE REVERSE TRANSCRIPTASE INHIBITORS**  
[54] **INHIBITEURS NON NUCLEOSIDIQUES DE LA TRANSCRIPTASE INVERSE**  
[72] ZHOU, XIAO-XIONG, SE  
[72] JOHANSSON, NILS-GUNNAR, SE  
[72] SAHLBERG, CHRISTER, SE  
[72] WAHLING, HORST, SE  
[72] WALLBERG, HANS, SE  
[72] SUND, CHRISTIAN, SE  
[72] SALVADOR, LOURDES, SE  
[72] LINDSTROM, STEFAN, SE  
[71] MEDIVIR AB, SE  
[85] 2001-08-02  
[86] 1999-08-18 (PCT/SE99/01403)  
[87] 2000-08-17 (WO00/47561)  
[30] US (09/249,317) 1999-02-12  
[30] SE (PCT/SE99/00194) 1999-02-15

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[21] **2,362,136**  
[13] A1  
[51] **Int.Cl. 7A61K 35/78**  
[25] EN  
[54] **HIGH MOLECULAR WEIGHT EXTRACTS OF CONVULVULUS ARVENSIS (FIELD BINDWEED)**  
[54] **EXTRAITS DE CONVULVULUS ARVENSIS LISERON DES CHAMPS DE POIDS MOLECULAIRE ELEVE**  
[72] MENG, XIAOLONG, US  
[72] RIORDAN, HUGH D., US  
[72] RIORDAN, NEIL H., US  
[71] THE CENTER FOR THE IMPROVEMENT OF HUMAN FUNCTIONING INTERNATIONAL, INC., US  
[85] 2001-07-25  
[86] 2000-01-27 (PCT/US00/02114)  
[87] 2000-08-24 (WO00/48616)  
[30] US (09/249,874) 1999-02-16

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[21] **2,362,137**  
[13] A1  
[51] **Int.Cl. 7D02G 3/24 7A41D 13/00 7D02J 13/00**  
[25] EN  
[54] **HEAT-RESISTANT CRIMPED YARN**  
[54] **FIL TEXTURE THERMO-RESISTANT**  
[72] NAKABAYASHI, JORI, JP  
[72] TANAHASHI, MITSUHIKO, JP  
[72] HATANO, TAKESHI, JP  
[72] KOSUGE, KAZUHIKO, JP  
[71] TANAHASHI, MITSUHIKO, JP  
[71] DU PONT-TORAY CO., LTD., JP  
[85] 2001-08-01  
[86] 2000-12-19 (PCT/JP00/09006)  
[87] 2001-06-28 (WO01/46503)  
[30] JP (11/361825) 1999-12-20  
[30] JP (2000/84859) 2000-03-24  
[30] JP (2000/84860) 2000-03-24

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[21] **2,362,138**  
[13] A1  
[51] **Int.Cl. 7A47L 9/26**  
[25] EN  
[54] **CORD REWINDER FOR A WATER FILTER TYPE VACUUM CLEANER**  
[54] **ENROULEUR DE CORDON POUR ASPIRATEUR DU TYPE A FILTRE D'EAU**  
[72] LOWERY, VERNON, US  
[71] MULTICRAFT INTERNATIONAL, US  
[85] 2001-08-02  
[86] 2000-02-16 (PCT/US00/03898)  
[87] 2000-08-24 (WO00/48503)  
[30] US (09/252,619) 1999-02-16

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[21] **2,362,139**  
[13] A1  
[51] **Int.Cl. 7G01S 13/00**  
[25] EN  
[54] **COLLISION AVOIDANCE SYSTEM FOR USE IN AIRCRAFT**  
[54] **SYSTEME PERMETTANT D'EVITER LES RISQUES DE COLLISION UTILISE DANS UN AERONEF**  
[72] REES, FRANK LEONARD, US  
[71] FLIGHT SAFETY TECHNOLOGIES, INC., US  
[85] 2001-08-02  
[86] 2000-02-23 (PCT/US00/04456)  
[87] 2000-08-31 (WO00/50920)  
[30] US (09/255,269) 1999-02-23

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<p style="text-align: center;">[21] <b>2,362,140</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01R 15/24 7G02B 6/27</b> [25] EN [54] <b>POLARIZATION TRANSFORMER AND CURRENT SENSOR USING THE SAME</b> [54] <b>TRANSFORMATEUR DE POLARISATION ET CAPTEUR DE COURANT UTILISANT CELUI-CI</b> [72] DYOTT, RICHARD B., US [71] KVH INDUSTRIES, INC., US [85] 2001-08-01 [86] 2000-02-10 (PCT/US00/03469) [87] 2000-08-17 (WO00/48008) [30] US (60/119,999) 1999-02-11 [30] US (60/120,000) 1999-02-11 [30] US (60/133,357) 1999-05-10 [30] US (60/134,154) 1999-05-14 [30] US (09/337,223) 1999-06-22 [30] US (09/337,231) 1999-06-22</p>	<p style="text-align: center;">[21] <b>2,362,144</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 33/68</b> [25] EN [54] <b>PREDISPOSITION TO INFECTION ASSOCIATED WITH INTENSE EXERCISE OR OTHER STRESS</b> [54] <b>PREDISPOSITION A UNE INFECTION ASSOCIEE A UN EXERCICE INTENSE OU AUTRE FORME D'AGRESSION EXTERNE</b> [72] CLANCY, ROBERT LLEWELLYN, AU [72] GLEESON, MAREE, AU [71] THE UNIVERSITY OF NEWCASTLE RESEARCH ASSOCIATES LIMITED, AU [85] 2001-08-10 [86] 2000-02-10 (PCT/AU00/00085) [87] 2000-08-17 (WO00/48001) [30] AU (PP 8603) 1999-02-10</p>	<p style="text-align: center;">[21] <b>2,362,148</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06T 15/00 7G06T 13/00 7G06T 17/00</b> [25] EN [54] <b>INCREMENTAL INTERLACE INTERPOLATION FOR TEXTURE MORPHING</b> [54] <b>INTERPOLATION D'ENTRELACEMENT INCREMENTIEL POUR MORPHAGE DE TEXTURE</b> [72] CHAMPAGNE, ROBERT, US [72] LI, XIN, US [72] GHALI, PRASANNA, CA [72] FAM, SUN TJEN, CA [72] COMAIR, CLAUDE, CA [72] PAN, JUN, US [72] ABOU-SAMRA, SAMIR, CA [71] NINTENDO CO., LTD., JP [85] 2001-08-03 [86] 2000-12-06 (PCT/US00/42574) [87] 2001-06-28 (WO01/46906) [30] US (60/169,309) 1999-12-07 [30] US (09/493,258) 2000-01-28</p>
<p style="text-align: center;">[21] <b>2,362,141</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08G 18/10 7C08G 18/48</b> [25] EN [54] <b>HIGH TEMPERATURE RESISTANT POLYURETHANE POLYMERS</b> [54] <b>POLYMERES DE POLYURETHANNE RESISTANT AUX TEMPERATURES ELEVEES</b> [72] JAMES, ALLAN, CA [72] PORTER, JAMES R., US [72] ARNOLD, KENNETH B., US [71] THE DOW CHEMICAL COMPANY, US [85] 2001-08-02 [86] 2000-02-23 (PCT/US00/04550) [87] 2000-08-31 (WO00/50484) [30] US (60/121,502) 1999-02-23</p>	<p style="text-align: center;">[21] <b>2,362,145</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G02F 1/29 7H01S 3/115</b> [25] EN [54] <b>ELECTRICALLY ADJUSTABLE DIFFRACTION GRATING</b> [54] <b>RESEAU DE DIFFRACTION A REGLAGE ELECTRIQUE</b> [72] KULISHOV, MYKOLA, CA [71] PPM PHOTOMASK INC., CA [71] KULISHOV, MYKOLA, CA [85] 2001-08-09 [86] 2000-02-16 (PCT/CA00/00153) [87] 2000-08-24 (WO00/49457) [30] CA (2,261,197) 1999-02-16</p>	<p style="text-align: center;">[21] <b>2,362,149</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A63B 69/36</b> [25] EN [54] <b>GOLF DRIVING RANGE</b> [54] <b>PRACTICE DE GOLF</b> [72] BERTONCINO, JAMES, US [72] NICHOLS, THOMAS, US [72] BROWN, RUSSELL, US [71] GLOWRANGE, L.L.C., US [85] 2001-07-26 [86] 2000-01-28 (PCT/US00/02307) [87] 2000-08-24 (WO00/48691) [30] US (60/117,615) 1999-01-28</p>
<p style="text-align: center;">[21] <b>2,362,142</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F04B 49/00</b> [25] EN [54] <b>FUEL INJECTION PUMP AND SNUBBER VALVE ASSEMBLY</b> [54] <b>POMPE D'INJECTION DE CARBURANT ET ENSEMBLE SOUPAPE DE REASPIRATION</b> [72] WELIVER, SCOTT, US [72] CZARNECKI, PHILIP JAMES, US [72] OGREN, DANIEL BRIAN, US [71] DIESEL TECHNOLOGY COMPANY, US [85] 2001-08-02 [86] 2000-03-03 (PCT/US00/05847) [87] 2000-09-21 (WO00/55503) [30] US (09/272,021) 1999-03-18</p>	<p style="text-align: center;">[21] <b>2,362,146</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C23C 14/04 7H01J 37/34 7C23C 14/35</b> [25] EN [54] <b>MAGNETRON SPUTTERING METHOD AND APPARATUS</b> [54] <b>PROCEDE ET APPAREIL DE PULVERISATION AU MAGNETRON</b> [72] YUMSHTYK, GENNADY, CA [72] IOUMCHTYK, MICHAEL, CA [71] CAMETOID LIMITED, CA [85] 2001-08-02 [86] 2000-02-25 (PCT/CA00/00185) [87] 2000-08-31 (WO00/50662) [30] US (09/257,012) 1999-02-25</p>	<p style="text-align: center;">[21] <b>2,362,150</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E05F 15/14</b> [25] EN [54] <b>POWER SLIDING VEHICLE DOOR</b> [54] <b>PORTIERE COULISSANTE A COMMANDE MECANIQUE</b> [72] BIGOSZEWSKI, MACIEK, US [72] DEAN, THOMAS, CA [72] WOOD, BRIAN, US [72] FROMMER, THOMAS P., CA [72] SCHUPP, MICHAEL, US [72] PODWYSOCKI, TAD, US [72] SAGI, VENKATESWAR, US [71] ATOMA INTERNATIONAL CORP., CA [85] 2001-08-29 [86] 2000-02-28 (PCT/CA00/00195) [87] 2000-09-14 (WO00/53877) [30] US (60/123,169) 1999-03-05</p>

## PCT Applications Entering the National Phase

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[21] **2,362,151**  
[13] A1

[51] **Int.Cl. 7G01R 31/309**  
[25] EN  
[54] **METHOD FOR THE VERIFICATION OF THE POLARITY, PRESENCE, ALIGNMENT OF COMPONENTS AND SHORT CIRCUITS ON A PRINTED CIRCUIT BOARD**  
[54] **PROCEDE DE VERIFICATION DE LA POLARITE, DE LA PRESENCE ET DE L'ALIGNEMENT DE COMPOSANTS ET DE COURTS-CIRCUITS SUR UNE PLAQUETTE DE CIRCUIT IMPRIME**  
[72] FELD, ALEX, CA  
[72] TORDJMAN, DAVID, CA  
[72] FELD, MICHAEL, CA  
[71] ORIGINAL SOLUTIONS INC., CA  
[85] 2001-08-02  
[86] 2000-02-11 (PCT/CA00/00129)  
[87] 2000-08-17 (WO00/48012)  
[30] US (09/247,811) 1999-02-11

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[21] **2,362,152**  
[13] A1

[51] **Int.Cl. 7E21B 34/06**  
[25] EN  
[54] **FLOW RATE CONTROL DEVICE WITH PROTECTION FOR SEALING GASKETS**  
[54] **DISPOSITIF DE REGULATION DE DEBIT COMPORTANT UNE PROTECTION POUR LES JOINTS D'ETANCHEITE**  
[72] RAYSSIGUIER, CHRISTOPHE, FR  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2001-08-02  
[86] 2000-02-25 (PCT/EP00/01551)  
[87] 2000-09-14 (WO00/53889)  
[30] FR (99/02775) 1999-03-05

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[21] **2,362,153**  
[13] A1

[51] **Int.Cl. 7C07K 14/79 7A61P 31/00 7A61K 38/40**  
[25] EN  
[54] **ANTIMICROBIAL/ENDOTOXIN NEUTRALIZING POLYPEPTIDE**  
[54] **POLYPEPTIDE ANTIMICROBIEN/NEUTRALISANT DES ENDOTOXINES**  
[72] MANN, DAVID M., US  
[71] ENDOGEN RESEARCH PH AB, SE  
[85] 2001-08-03  
[86] 2000-01-27 (PCT/IB00/00271)  
[87] 2000-08-24 (WO00/49040)  
[30] US (09/245,527) 1999-02-05

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[21] **2,362,154**  
[13] A1

[51] **Int.Cl. 7G02F 1/35 7H04B 10/18**  
[25] EN  
[54] **NON-LINEARITY COMPENSATION IN OPTICAL DEVICES AND TRANSMISSION SYSTEMS**  
[54] **COMPENSATION DE NON-LINEARITE DANS DES DISPOSITIFS OPTIQUES ET DES SYSTEMES DE TRANSMISSION**  
[72] PAYNE, DAVID NEIL, GB  
[72] GRUDININ, ANATOLY BORISOVICH, GB  
[72] BURDGE, GEOFFREY LYNN, US  
[72] ALAM, SHAI-UL, GB  
[71] UNIVERSITY OF SOUTHAMPTON, GB  
[85] 2001-08-17  
[86] 2000-02-18 (PCT/GB00/00605)  
[87] 2000-08-24 (WO00/49458)  
[30] GB (9903882.0) 1999-02-19

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[21] **2,362,155**  
[13] A1

[51] **Int.Cl. 7E04C 5/07 7B26D 1/08**  
[25] EN  
[54] **DEVICE FOR SPLITTING THE ENDS OF A FIBRE STRAND CONSISTING OF A BONDED FIBRE MATERIAL**  
[54] **DISPOSITIF PERMETTANT DE FENDRE LES EXTREMITES D'UN ENSEMBLE DE FIBRES EN MATIERE RENFORCEE PAR DES FIBRES**  
[72] SCHWEGLER, GREGOR, CH  
[71] STRESS HEAD AG, CH  
[85] 2001-08-20  
[86] 2000-02-18 (PCT/CH00/00089)  
[87] 2000-08-31 (WO00/50706)  
[30] EP (99810160.4) 1999-02-23

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[21] **2,362,156**  
[13] A1

[51] **Int.Cl. 7A01G 23/06 7G02C 1/06 7B66C 1/62**  
[25] EN  
[54] **APPARATUS FOR EXCAVATING AND CRUSHING TREE STUMPS**  
[54] **APPAREIL D'EXCAVATION ET DE FRAGMENTATION DE SOUCHES D'ARBRES**  
[72] COOK, DOUGLAS B., US  
[71] COOK, DOUGLAS B., US  
[85] 2001-08-13  
[86] 2000-02-16 (PCT/US00/03940)  
[87] 2000-08-24 (WO00/48452)  
[30] US (09/251,601) 1999-02-16

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[21] **2,362,157**  
[13] A1

[51] **Int.Cl. 7H01B 3/30 7C09D 179/08**  
[25] EN  
[54] **COATING COMPOSITION FOR METALLIC CONDUCTORS AND COATING METHOD USING SAME**  
[54] **COMPOSITION DE REVETEMENT POUR CONDUCTEURS METALLIQUES ET PROCEDE DE REVETEMENT A L'AIDE DE LADITE COMPOSITION**  
[72] KIESSLING, GERHARD, DE  
[72] OPPERMANN, MANFRED, DE  
[72] SCHINDLER, HEINZ, DE  
[72] BOHM, FRANK-RAINER, DE  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2001-08-02  
[86] 2000-03-01 (PCT/EP00/01720)  
[87] 2000-09-14 (WO00/54286)  
[30] DE (199 09 954.5) 1999-03-06

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[21] **2,362,158**  
[13] A1

[51] **Int.Cl. 7C08G 18/08 7C08G 18/10**  
[25] EN  
[54] **CONTINUOUS PROCESS FOR PREPARING A POLYURETHANE LATEX**  
[54] **PROCEDE CONTINU DE PREPARATION DE LATEX DE POLYURETHANE**  
[72] SKAGGS, KENNETH W., US  
[72] LOUKS, PAUL T., US  
[72] TABOR, RICK L., US  
[72] WILLKOMM, WAYNE R., US  
[71] THE DOW CHEMICAL COMPANY, US  
[85] 2001-08-03  
[86] 2000-02-07 (PCT/US00/03163)  
[87] 2000-08-24 (WO00/49062)  
[30] US (09/250,640) 1999-02-16

## Demandes PCT entrant en phase nationale

[21] **2,362,159**  
[13] A1

[51] **Int.Cl. 7H01L 29/00 7H01L 23/48 7H01L 23/52**  
[25] EN  
[54] **APPARATUS AND METHOD FOR AN INTEGRATED CIRCUIT HAVING HIGH Q REACTIVE COMPONENTS**  
[54] **APPAREIL ET PROCEDE POUR CIRCUIT INTEGRE COMPRENANT DES COMPOSANTS REACTIFS A FACTEUR DE QUALITE ELEVE**  
[72] ZAVREL, ROBERT J., JR., US  
[72] BAUMANN, DAN C., US  
[71] ATMEL CORPORATION, US  
[85] 2001-08-02  
[86] 1999-12-02 (PCT/US99/28626)  
[87] 2000-09-14 (WO00/54337)  
[30] US (09/267,889) 1999-03-11

[21] **2,362,160**  
[13] A1

[51] **Int.Cl. 7A61M 16/00 7A62B 7/00 7F16K 31/02**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONTROLLING A MEDICAL VENTILATOR**  
[54] **PROCEDE ET APPAREIL PERMETTANT DE COMMANDER UN VENTILATEUR MEDICAL**  
[72] BANNER, MICHAEL JOSEPH, US  
[72] MELKER, RICHARD JOEL, US  
[72] BLANCH, PAUL BRADFORD, US  
[72] VAN OOSTROM, JOHANNES H., US  
[71] UNIVERSITY OF FLORIDA, US  
[85] 2001-08-03  
[86] 2000-02-02 (PCT/US00/02669)  
[87] 2000-08-10 (WO00/45880)  
[30] US (09/243,258) 1999-02-03

[21] **2,362,161**  
[13] A1

[51] **Int.Cl. 7A01N 1/00 7A01N 1/02**  
[25] EN  
[54] **METHOD FOR INHIBITING TRANSPLANT REJECTION**  
[54] **METHODE D'INHIBITION DE REJET DE GREFFE**  
[72] FAUSTMAN, DENISE L., US  
[71] FAUSTMAN, DENISE L., US  
[85] 2001-08-07  
[86] 2000-02-18 (PCT/US00/04270)  
[87] 2000-08-24 (WO00/48462)  
[30] US (09/252,331) 1999-02-18

[21] **2,362,162**  
[13] A1

[51] **Int.Cl. 7G02F 1/355**  
[25] EN  
[54] **OPTICAL NONLINEARITY MATERIAL AND PRODUCTION METHOD THEREFOR**  
[54] **MATERIAU A NON LINEARITE OPTIQUE ET SON PROCEDE DE PRODUCTION**  
[72] FUJIWARA, TAKUMI, JP  
[72] IKUSHIMA, AKIRA, JP  
[72] MATSUMOTO, SYUJI, JP  
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
[71] TOYOTA SCHOOL FOUNDATION, JP  
[85] 2001-08-16  
[86] 2000-02-16 (PCT/JP00/00874)  
[87] 2000-08-24 (WO00/49459)  
[30] JP (11/37905) 1999-02-16

[21] **2,362,163**  
[13] A1

[51] **Int.Cl. 7H02J 9/06 7H02J 3/38**  
[25] EN  
[54] **FERRORESONANCE-SUPPRESSING STATIC TRANSFER SWITCH**  
[54] **COMMUTEUR DE TRANSFERT STATIQUE SUPPRIMANT LA FERRORESONANCE**  
[72] RAJDA, JANOS, CA  
[72] DEWAN, SHASHI, CA  
[71] INVERPOWER CONTROLS LTD., CA  
[85] 2001-08-13  
[86] 2000-02-11 (PCT/CA00/00130)  
[87] 2000-08-17 (WO00/48287)  
[30] US (09/248,900) 1999-02-12

[21] **2,362,164**  
[13] A1

[51] **Int.Cl. 7A61M 16/00 7A62B 7/00 7F16K 31/02**  
[25] EN  
[54] **METHOD AND APPARATUS FOR NULLIFYING THE IMPOSED WORK OF BREATHING**  
[54] **METHODE ET APPAREIL PERMETTANT D'ANNULER UN TRAVAIL VENTILATOIRE IMPOSE**  
[72] BLANCH, PAUL BRADFORD, US  
[72] BANNER, MICHAEL JOSEPH, US  
[71] UNIVERSITY OF FLORIDA, US  
[85] 2001-08-03  
[86] 2000-02-02 (PCT/US00/02697)  
[87] 2000-08-10 (WO00/45881)  
[30] US (09/243,268) 1999-02-03

[21] **2,362,165**  
[13] A1

[51] **Int.Cl. 7B65D 83/76 7B05C 17/01**  
[25] EN  
[54] **DEVICE FOR DISCHARGE OF A PASTE-LIKE PRODUCT FROM A PACKAGE OF FLEXIBLE MATERIAL AND PACKAGE ADAPTED FOR USE IN CONNECTION WITH SAID DEVICE**  
[54] **DISPOSITIF DE DECHARGE D'UN PRODUIT DE TYPE PATE D'UN CONDITIONNEMENT EN MATIERE SOUPLE ET CONDITIONNEMENT ADAPTE POUR ETRE UTILISE EN LIAISON AVEC LEDIT DISPOSITIF**  
[72] STERN, LEIF EINAR, SE  
[71] STERN, LEIF EINAR, SE  
[85] 2001-08-02  
[86] 2000-03-02 (PCT/SE00/00409)  
[87] 2000-09-14 (WO00/53512)  
[30] SE (9900780-9) 1999-03-05

[21] **2,362,166**  
[13] A1

[51] **Int.Cl. 7A01N 47/10 7C07C 333/00**  
[25] EN  
[54] **METHOD FOR PREPARATION OF PHARMACEUTICAL-GRADE DITHIOCARBAMATE**  
[54] **PREPARATION D'UN DITHIOCARBAMATE DE CLASSE PHARMACEUTIQUE**  
[72] LAI, CHING-SAN, US  
[72] VASSILEV, VASSIL P., US  
[72] LIAW, WEI-CHENG, US  
[71] MEDINOX, INC., US  
[85] 2001-08-20  
[86] 2000-02-16 (PCT/US00/03994)  
[87] 2000-08-24 (WO00/48463)  
[30] US (09/252,901) 1999-02-18

## PCT Applications Entering the National Phase

<p>[21] <b>2,362,167</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F16L 55/165</b> [25] EN [54] <b>A LINER HOSE FOR RECONSTRUCTION OF CONDUITS AND PIPELINES AND A METHOD FOR MANUFACTURE THEREOF</b> [54] <b>TUYAU A DOUBLURE DESTINE A LA RECONSTRUCTION DE CONDUITES ET PIPELINES ET PROCEDE DE FABRICATION CORRESPONDANT</b> [72] BRAUN, MICHAEL, DE [72] RUMP, BENT, JORGEN, DK [72] BRAUN, MICHAEL, DE [71] RUMP, BENT JORGEN, DK [71] BRAUN, MICHAEL, DE [85] 2001-08-20 [86] 2000-02-22 (PCT/DK00/00071) [87] 2000-08-31 (WO00/50801) [30] US (09/255,727) 1999-02-23</p>	<p>[21] <b>2,362,171</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G03B 17/08 7G01L 13/02 7G01M 3/32</b> [25] EN [54] <b>LEAKAGE DETECTOR FOR A SEALED HOUSING</b> [54] <b>DETECTEUR DE FUITE POUR BOITIER ETANCHE</b> [72] HO, KENNETH KAM-SING, CA [71] HO, KENNETH KAM-SING, CA [85] 2001-08-08 [86] 1999-02-09 (PCT/CA99/00122) [87] 2000-08-17 (WO00/48041)</p>	<p>[21] <b>2,362,173</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B23K 26/06 7B23K 26/08</b> [25] EN [54] <b>LASER PROCESSING POWER OUTPUT STABILIZATION</b> [54] <b>STABILISATION DE L'ENERGIE DANS LE TRAITEMENT PAR LASER</b> [72] SWARINGEN, STEPHEN N., US [72] BAIRD, BRIAN W., US [72] JORDENS, WILLIAM J., US [71] ELECTRO SCIENTIFIC INDUSTRIES, INC., US [85] 2001-08-02 [86] 2000-02-10 (PCT/US00/03484) [87] 2000-08-17 (WO00/47361) [30] US (09/248,071) 1999-02-10</p>
<p>[21] <b>2,362,169</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A46B 5/00</b> [25] FR [54] <b>BROSSE A DENTS PRENANT SPONTANEMENT UNE POSITION D'EQUILIBRE STABLE SUR UN SUPPORT HORIZONTAL</b> [54] <b>TOOTHBRUSH SPONTANEOUSLY TAKING UP STABLE EQUILIBRIUM POSITION ON A HORIZONTAL SUPPORT</b> [72] DOAT, ARNAUD, FR [71] PIERRE FABRE SANTE, FR [85] 2001-08-16 [86] 2000-02-16 (PCT/FR00/00384) [87] 2000-08-24 (WO00/48483) [30] FR (99/01988) 1999-02-18</p>	<p>[21] <b>2,362,172</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 3/14 7H04L 12/00 7H04N 3/00 7H04N 11/00 7H04N 7/14 7G06F 17/27 7H04M 3/42 7G06F 17/60 7H04M 1/64 7H04Q 3/64</b> [25] EN [54] <b>METHOD AND APPARATUS FOR PROVIDING MEDIA-INDEPENDENT SELF-HELP MODULES WITHIN A MULTIMEDIA COMMUNICATION-CENTER CUSTOMER INTERFACE</b> [54] <b>PROCEDE ET APPAREIL PERMETTANT DE FOURNIR DES MODULES AUTONOMES INDEPENDANTS DES MEDIAS DANS UNE INTERFACE CLIENT DE CENTRE DE COMMUNICATION MULTIMEDIA</b> [72] JOHNSTONE, JOEL A., US [72] BERKE, JONATHAN MICHAEL, US [72] BECK, CHRISTOPHER CLEMMETT MACLEOD, US [72] MITCHELL, ROBIN MARIE, US [72] SIDELL, MARK FRANKLIN, US [72] KNUFF, CHARLES DAZLER, US [72] POWERS, JAMES KARL, US [71] GENESYS TELECOMMUNICATIONS LABORATORIES, INC., US [85] 2001-08-17 [86] 2000-01-12 (PCT/US00/00785) [87] 2000-08-24 (WO00/49482) [30] US (09/253,554) 1999-02-19</p>	<p>[21] <b>2,362,174</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 1/12</b> [25] EN [54] <b>METHOD AND CIRCUIT FOR RECEIVING DUAL EDGE CLOCKED DATA</b> [54] <b>PROCEDE ET CIRCUIT POUR RECEVOIR DES DONNEES SYNCHRONISEES A DOUBLE FLANC</b> [72] NGUYEN, KHA, US [71] QLOGIC CORPORATION, US [85] 2001-08-03 [86] 2000-02-16 (PCT/US00/03862) [87] 2000-08-24 (WO00/49485) [30] US (09/249,873) 1999-02-16</p>
<p>[21] <b>2,362,170</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G03F 7/20 7H04N 1/12</b> [25] EN [54] <b>FLAT BED PLATESETTER SYSTEM</b> [54] <b>SYSTEME SUPPORT DE COMPOSITION A PLAQUE ET A PLAT</b> [72] MOULIN, MICHEL, CH [71] KODAK POLYCHROME GRAPHICS COMPANY LTD., US [85] 2001-08-10 [86] 2000-02-17 (PCT/EP00/01302) [87] 2000-08-24 (WO00/49463) [30] EP (99103116.2) 1999-02-17 [30] EP (99104944.6) 1999-03-12 [30] EP (99105135.0) 1999-03-26 [30] EP (99112797.8) 1999-07-02</p>	<p>[21] <b>2,362,175</b> [13] A1</p> <p>[51] <b>Int.Cl. 7D01F 6/70 7D01F 13/04 7C08J 11/08</b> [25] EN [54] <b>METHOD AND DEVICE FOR PRODUCING ELASTANE THREADS FROM RECYCLING MATERIAL</b> [54] <b>PROCEDE ET DISPOSITIF DE PRODUCTION DE FILS SPANDEX A PARTIR D'UN MATERIAU RECYCLE</b> [72] SEHM, TILO, DE [72] JUDAT, HELMUT, DE [72] REINEHR, ULRICH, DE [72] ANDERHEGGEN, WOLFGANG, DE [72] HERBERTZ, TONI, DE [71] BAYER AKTIENGESELLSCHAFT, DE [71] BAYER FASER GMBH, DE [85] 2001-08-21 [86] 2000-02-14 (PCT/EP00/01206) [87] 2000-08-31 (WO00/50673) [30] DE (199 07 830.0) 1999-02-24</p>	

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[21] **2,362,177**  
[13] A1  
[51] **Int.Cl. 7A61M 16/00**  
[25] EN  
[54] **VENTILATORY STABILIZATION TECHNOLOGY**  
[54] **TECHNIQUE DE STABILISATION VENTILATOIRE**  
[72] HAJDUK, ERIC ANDREW, CA  
[72] PLATT, RONALD SCOTT, CA  
[72] REMMERS, JOHN E., CA  
[71] HAJDUK, ERIC ANDREW, CA  
[71] PLATT, RONALD SCOTT, CA  
[71] REMMERS, JOHN E., CA  
[85] 2001-08-03  
[86] 2000-02-04 (PCT/US00/02848)  
[87] 2000-08-10 (WO00/45882)  
[30] US (60/118,616) 1999-02-04

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[21] **2,362,178**  
[13] A1  
[51] **Int.Cl. 7B29C 47/32 7A63B 37/08 7B29C 47/38**  
[25] EN  
[54] **IMPROVED PROCESS FOR PRODUCING POLYBUTADIENE GOLF BALL CORES**  
[54] **PROCEDE AMELIORE DE FABRICATION DE NOYAUX DE BALLE DE GOLF EN POLYBUTADIENE**  
[72] NESBITT, R. DENNIS, US  
[71] SPALDING SPORTS WORLDWIDE, INC., US  
[85] 2001-07-24  
[86] 2000-02-10 (PCT/US00/03499)  
[87] 2000-08-17 (WO00/47392)  
[30] US (09/248,016) 1999-02-10

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[21] **2,362,179**  
[13] A1  
[51] **Int.Cl. 6B65G 57/22**  
[25] EN  
[54] **PALLETIZING DEVICE**  
[54] **DISPOSITIF DE PALETISATION**  
[72] HESTON, STEPHEN L., US  
[71] HESTON, STEPHEN L., US  
[85] 2001-08-03  
[86] 1999-02-04 (PCT/US99/02346)  
[87] 1999-08-12 (WO99/40000)  
[30] US (09/018,388) 1998-02-04  
[30] US (09/059,075) 1998-04-09

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[21] **2,362,180**  
[13] A1  
[51] **Int.Cl. 7G06F 3/14 7G06T 3/00 7G06T 11/00**  
[25] EN  
[54] **HYPERLINK LINK BROWSER WITH MULTILINK SELECT CAPABILITY**  
[54] **NAVIGATEUR HYPERLIEN CAPABLE DE SELECTIONNER UN MULTILIEN**  
[72] GVILY, YANIV, US  
[71] TOPTIER, ISRAEL, LTD., IL  
[85] 2001-08-16  
[86] 2000-02-17 (PCT/US00/04241)  
[87] 2000-08-24 (WO00/49491)  
[30] US (60/120,974) 1999-02-19

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[21] **2,362,181**  
[13] A1  
[51] **Int.Cl. 7G06F 15/16 7G06F 15/173 7G06F 15/177**  
[25] EN  
[54] **METHOD AND SYSTEM FOR MAINTAINING RESERVE COMMAND RELATIONSHIPS IN A FIBRE CHANNEL NETWORK**  
[54] **PROCEDE ET SYSTEME DESTINES A MAINTENIR DES RELATIONS DE RESERVATION PAR COMMANDE DANS UN RESEAU A CANAL DE FIBRES OPTIQUES**  
[72] REYNOLDS, ROBERT A., US  
[72] WILSON, STEPHEN K., US  
[72] ARROYO, KEITH M., US  
[71] CROSSROADS SYSTEMS, INC., US  
[85] 2001-08-16  
[86] 2000-02-18 (PCT/US00/05322)  
[87] 2000-08-24 (WO00/49513)  
[30] US (09/251,759) 1999-02-18

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[21] **2,362,182**  
[13] A1  
[51] **Int.Cl. 7F16J 15/34**  
[25] EN  
[54] **SHAFT SEAL**  
[54] **DISPOSITIF D'ETANCHEITE D'ARBRE**  
[72] AUBER, PHILIPPE JACQUES, FR  
[71] DRESSER RAND S.A., FR  
[85] 2001-08-21  
[86] 2000-02-25 (PCT/EP00/01579)  
[87] 2000-08-31 (WO00/50789)  
[30] EP (99400460.4) 1999-02-25

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[21] **2,362,185**  
[13] A1  
[51] **Int.Cl. 7C07C 217/48 7C07B 57/00 7C07C 213/06**  
[25] EN  
[54] **METHODS FOR PREPARING 3-ARYLOXY-3-ARYLPROPYLAMINES AND INTERMEDIATES THEREOF**  
[54] **PROCEDES DE PREPARATION DE 3-ARYLOXY-3-ARYLPROPYLAMINES ET DE LEURS PRODUITS INTERMEDIAIRES**  
[72] KJELL, DOUGLAS PATTON, US  
[72] LORENZ, KURT THOMAS, US  
[71] ELI LILLY AND COMPANY, US  
[85] 2001-08-03  
[86] 2000-03-22 (PCT/US00/06423)  
[87] 2000-10-19 (WO00/61540)  
[30] US (60/128,480) 1999-04-09

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[21] **2,362,186**  
[13] A1  
[51] **Int.Cl. 7D21F 5/04**  
[25] EN  
[54] **METHOD AND APPARATUS IN THE DRYING SECTION OF A PAPER MACHINE OR THE LIKE**  
[54] **PROCEDE ET APPAREIL CONCERNANT LA SECTION SECHAGE D'UNE MACHINE A PAPIER OU EQUIVALENT**  
[72] JUPPI, KARI, FI  
[72] KOMULAINEN, ANTTI, FI  
[72] JOKINEN, REIJO, FI  
[71] METSO PAPER, INC., FI  
[85] 2001-08-16  
[86] 2000-02-21 (PCT/FI00/00129)  
[87] 2000-08-31 (WO00/50692)  
[30] FI (990370) 1999-02-22  
[30] FI (19991908) 1999-09-08

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[21] **2,362,187**  
[13] A1

[51] **Int.Cl. 7A61B 5/00 7A61M 16/04**  
[25] EN  
[54] **DEVICE AND METHOD FOR ASSESSING PERFUSION FAILURE IN A PATIENT DURING ENDOTRACHEAL INTUBATION**  
[54] **DISPOSITIF ET METHODE D'EVALUATION D'ECHEC DE PERFUSION CHEZ UN PATIENT AU COURS D'UNE INTUBATION ENDOTRACHEALE**  
[72] WEIL, MAX HARRY, US  
[72] TANG, WANCHUN, US  
[72] BISERA, JOSE, US  
[71] INSTITUTE OF CRITICAL CARE MEDICINE, US  
[85] 2001-08-20  
[86] 2000-02-18 (PCT/US00/04305)  
[87] 2000-08-24 (WO00/48510)  
[30] US (09/252,633) 1999-02-19

[21] **2,362,188**  
[13] A1

[51] **Int.Cl. 7A61L 15/18 7A61L 15/20 7A61L 15/46 7A61F 13/53 7A61L 15/60**  
[25] EN  
[54] **ADSORBENTS FOR USE IN HANDLING COMPLEX FLUIDS**  
[54] **ADSORBANTS A UTILISER AVEC DES MATIERES FLUIDES COMPLEXES**  
[72] HANSEN-KRAUTKRAMER, PATSY A., US  
[72] SOREBO, HEATHER A., US  
[72] HAMILTON, WENDY L., US  
[72] LINDON, JACK N., US  
[72] REEVES, WILLIAM G., US  
[72] DAMAY, EMMANUELLE C., US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2001-08-03  
[86] 2000-04-17 (PCT/US00/10323)  
[87] 2000-10-26 (WO00/62826)  
[30] US (60/129,748) 1999-04-16  
[30] US (09/547,201) 2000-04-12

[21] **2,362,189**  
[13] A1

[51] **Int.Cl. 7B01D 46/42 7B01D 25/24 7B01D 46/24 7B01D 46/52**  
[25] EN  
[54] **FILTER ELEMENT HAVING A HANDLE**  
[54] **ELEMENT FILTRANT A POIGNEE**  
[72] TOKAR, JOSEPH C., US  
[71] DONALDSON COMPANY, INC., US  
[85] 2001-08-03  
[86] 2000-02-23 (PCT/US00/04575)  
[87] 2000-08-31 (WO00/50153)  
[30] US (09/259,489) 1999-02-26

[21] **2,362,190**  
[13] A1

[51] **Int.Cl. 7A01K 11/00**  
[25] EN  
[54] **ANIMAL TAG**  
[54] **ETIQUETTE DE MARQUAGE D'ANIMAUX**  
[72] GARDNER, MICHAEL STUART, NZ  
[72] BLADEN, ROY VICTOR, NZ  
[71] GARDNER, MICHAEL STUART, NZ  
[85] 2001-08-16  
[86] 2000-02-18 (PCT/NZ00/00014)  
[87] 2000-08-24 (WO00/48457)  
[30] NZ (334304) 1999-02-18  
[30] NZ (335334) 1999-04-20

[21] **2,362,191**  
[13] A1

[51] **Int.Cl. 7D21F 11/00**  
[25] EN  
[54] **FOAM PROCESS WEB PRODUCTION WITH FOAM DILUTION**  
[54] **PRODUCTION DE BANDE PAR TRAITEMENT DE MOUSSAGE AVEC DILUTION DE MOUSSE**  
[72] ROKMAN, KAY, FI  
[72] JANSSON, JUHANI, FI  
[71] AHLSTROM GLASSFIBRE OY, FI  
[85] 2001-08-20  
[86] 2000-02-24 (PCT/FI00/00150)  
[87] 2000-08-31 (WO00/50694)  
[30] US (09/257,239) 1999-02-25

[21] **2,362,192**  
[13] A1

[51] **Int.Cl. 7A61K 39/00 7A61K 48/00 7A61P 31/00 7A61P 33/00 7A61P 35/00 7C07K 14/26 7A61K 39/385 7C12N 15/62**  
[25] FR  
[54] **UTILISATION D'UNE PROTEINE OMPA D'ENTEROBACTERIE ASSOCIEE A UN ANTIGENE POUR GENERER UNE REPONSE CYTOTOXIQUE ANTIVIRALE, ANTIPARASITAIRE OU ANTITUMORALE**  
[54] **USE OF AN ENTEROBACTERIUM PROTEIN OMPA ASSOCIATED WITH AN ANTIGEN FOR GENERATING AN ANTIVIRAL, ANTIPARASITIC OR ANTITUMORAL CYTOTOXIC RESPONSE**  
[72] BONNEFOY, JEAN-YVES, FR  
[72] RENNO, TOUFIC, FR  
[71] PIERRE FABRE MEDICAMENT, FR  
[85] 2001-08-16  
[86] 2000-02-17 (PCT/FR00/00393)  
[87] 2000-08-24 (WO00/48628)  
[30] FR (99/01917) 1999-02-17

[21] **2,362,193**  
[13] A1

[51] **Int.Cl. 7C07K 1/04**  
[25] EN  
[54] **VOLATILIZABLE SOLID PHASE SUPPORTS FOR COMPOUND SYNTHESIS**  
[54] **SUPPORTS EN PHASE SOLIDE VOLATILISABLES POUR SYNTHESE DE COMPOSES**  
[72] HOUGHTEN, RICHARD A., US  
[72] MORAN, MICHAEL J., US  
[72] PASCAL, JEANICK H., US  
[71] MIXTURE SCIENCES, INC., US  
[85] 2001-07-30  
[86] 2000-01-31 (PCT/US00/02437)  
[87] 2000-08-10 (WO00/46238)  
[30] US (60/119,204) 1999-02-05  
[30] US (09/493,902) 2000-01-28

[21] **2,362,194**  
[13] A1

[51] **Int.Cl. 7G02B 6/38**  
[25] EN  
[54] **OPTICAL CONNECTOR**  
[54] **CONNECTEUR OPTIQUE ENFICHABLE**  
[72] SCHMALZIGAUG, THOMAS, CH  
[72] KOCH, BEAT, CH  
[71] HUBER & SUHNER AG, CH  
[85] 2001-08-03  
[86] 1999-02-12 (PCT/CH99/00064)  
[87] 2000-08-17 (WO00/48030)

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[21] **2,362,195**  
[13] A1

[51] **Int.Cl. 7H04M 1/64 7G10L 21/00**  
[25] EN  
[54] **SPEECH-RECOGNITION-BASED PHONE NUMBERING PLAN**  
[54] **PLAN DE NUMEROTAGE TELEPHONIQUE BASE SUR LA RECONNAISSANCE VOCALE**  
[72] KURGANOV, ALEX, US  
[71] WEBLEY SYSTEMS, INC., US  
[85] 2001-07-31  
[86] 2000-02-01 (PCT/US00/02552)  
[87] 2000-08-24 (WO00/49790)  
[30] US (60/118,105) 1999-02-01

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[21] **2,362,196**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C12N 5/10 7C07K 16/18 7C07K 7/22 7G01N 33/50 7C12N 15/62 7C12Q 1/68 7C12N 15/85**  
[25] EN  
[54] **PROSTATE, TESTIS AND UTERINE POLYPEPTIDE ZPEP14**  
[54] **POLYPEPTIDE ZPEP14 DE LA PROSTATE, DES TESTICULES ET DE L'UTERUS**  
[72] BISHOP, PAUL D., US  
[72] GAO, ZEREN, US  
[72] HOLLOWAY, JAMES L., US  
[71] ZYMOGENETICS, INC., US  
[85] 2001-08-06  
[86] 2000-02-03 (PCT/US00/03041)  
[87] 2000-08-10 (WO00/46241)  
[30] US (09/246,442) 1999-02-08  
[30] US (09/384,133) 1999-08-27

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[21] **2,362,197**  
[13] A1

[51] **Int.Cl. 7C08L 83/08 7C08J 3/03 7D06M 15/643**  
[25] EN  
[54] **SHEAR STABLE AMINOSILICONE EMULSIONS**  
[54] **EMULSIONS D'AMINOSILICONE RESISTANT AU CISAILLEMENT**  
[72] YANG, SUE L., US  
[72] SPYROPOULOS, KOSTANTINOS, CH  
[72] PAVLENYI, JOSEPH, CA  
[72] SABIA, ANGELO J., US  
[71] CROMPTON CORPORATION, US  
[85] 2001-08-13  
[86] 2000-02-14 (PCT/US00/03770)  
[87] 2000-08-24 (WO00/49090)  
[30] US (09/250,330) 1999-02-16

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[21] **2,362,199**  
[13] A1

[51] **Int.Cl. 7G06K 9/66 7B07C 3/14**  
[25] EN  
[54] **METHOD FOR READING DOCUMENT ENTRIES AND ADDRESSES**  
[54] **PROCEDE DE LECTURE D'ENTREES DE DOCUMENTS ET D'ADRESSES**  
[72] BAYER, THOMAS, DE  
[72] SCHAFER, HARTMUT, DE  
[71] SIEMENS DEMATIC AG, DE  
[85] 2001-08-10  
[86] 2000-02-01 (PCT/DE00/00269)  
[87] 2000-08-17 (WO00/48119)  
[30] DE (199 05 938.1) 1999-02-12

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[21] **2,362,200**  
[13] A1

[51] **Int.Cl. 7A61K 49/00**  
[25] EN  
[54] **NOVEL METHODS OF IMAGING AND TREATMENT WITH TARGETED COMPOSITIONS**  
[54] **NOUVEAUX PROCEDES D'IMAGERIE ET DE TRAITEMENT A L'AIDE DE COMPOSITIONS CIBLEES**  
[72] WU, YUNQIU, US  
[72] UNGER, EVAN C., US  
[71] IMARX PHARMACEUTICAL CORP., US  
[85] 2001-07-31  
[86] 2000-02-02 (PCT/US00/02620)  
[87] 2000-08-10 (WO00/45856)  
[30] US (09/243,640) 1999-02-03

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[21] **2,362,202**  
[13] A1

[51] **Int.Cl. 7A23L 3/358 7A61K 33/04 7A61K 33/06 7A61K 33/08 7A23L 1/304 7C01F 11/46**  
[25] EN  
[54] **ADDUCT HAVING AN ACIDIC SOLUTION OF SPARINGLY-SOLUBLE GROUP IIA COMPLEXES**  
[54] **ADDUIT A SOLUTION ACIDE DE COMPLEXES DU GROUPE IIA MODEREMENT SOLUBLES**  
[72] LEWIS, DAVID E., US  
[72] CUNHA, MICHAEL ANTHONY, US  
[72] XIE, ZHONG WEI, US  
[72] LALUM, ROBERT BLAINE, US  
[72] YAO, YU, US  
[72] KEMP, MAURICE CLARENCE, US  
[72] ZHANG, SHU, US  
[72] CARPENTER, ROBERT H., US  
[71] MORNINGSTAR DIAGNOSTICS, US  
[85] 2001-08-16  
[86] 2000-02-14 (PCT/US00/03961)  
[87] 2000-08-24 (WO00/48469)  
[30] US (09/253,241) 1999-02-19  
[30] US (09/500,474) 2000-02-09

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[21] **2,362,203**  
[13] A1

[51] **Int.Cl. 7C12N 15/31 7A01K 67/027 7C12N 5/10 7C12N 15/11 7C12N 9/12 7C12N 1/19 7C12N 1/21 7C07K 14/37 7C12N 15/63 7C12N 15/67 7C12N 15/70 7C12N 15/74 7C12N 15/80 7C12N 15/82 7C12N 15/85**  
[25] EN  
[54] **ISOLATION AND CHARACTERIZATION OF A N. CRASSA SILENCING GENE AND USES THEREOF**  
[54] **ISOLEMENT ET CARACTERISATION D'UN GENE BLOQUEUR DE N. CRASSA ET SES UTILISATIONS**  
[72] COGONI, CARLO, IT  
[72] MACINO, GIUSEPPE, IT  
[71] UNIVERSITA DEGLI STUDI DI ROMA "LA SAPIENZA", IT  
[85] 2001-08-03  
[86] 2000-02-16 (PCT/IT00/00048)  
[87] 2000-08-31 (WO00/50581)  
[30] IT (RM99A000117) 1999-02-22

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[21] **2,362,204**  
[13] A1  
[51] **Int.Cl. 7A61K 39/08 7A61P 35/00**  
**7A61P 37/00 7A61K 39/385 7A61K 39/39**  
**7A61K 47/42**  
[25] EN  
[54] **IMMUNOGENIC COMPLEXES**  
**AND METHODS RELATING THERETO**  
[54] **COMPLEXES IMMUNOGENES ET**  
**METHODES Y RELATIVES**  
[72] COX, JOHN COOPER, AU  
[72] SUHRBIER, ANDREAS, AU  
[72] DRANE, DEBBIE PAULINE, AU  
[71] CSL LIMITED, AU  
[85] 2001-08-03  
[86] 2000-02-17 (PCT/AU00/00110)  
[87] 2000-08-24 (WO00/48630)  
[30] AU (PP 8735) 1999-02-17  
[30] AU (PQ 1861) 1999-07-27

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[21] **2,362,205**  
[13] A1  
[51] **Int.Cl. 7C08F 220/44 7C08F 220/46**  
[25] EN  
[54] **MODACRYLIC COPOLYMER**  
**COMPOSITION**  
[54] **COMPOSITION COPOLYMERE**  
**MODACRYLIQUE**  
[72] WADE, BRUCE E., US  
[71] SOLUTIA INC., US  
[85] 2001-07-31  
[86] 2000-02-02 (PCT/US00/02686)  
[87] 2000-08-10 (WO00/46261)  
[30] US (09/253,857) 1999-02-02

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[21] **2,362,208**  
[13] A1  
[51] **Int.Cl. 7C08J 9/00 7C08K 3/04**  
[25] EN  
[54] **OPEN-CELLED SEMI-RIGID**  
**FOAMS WITH EXFOLIATING**  
**GRAPHITE**  
[54] **MOUSSES SEMI-RIGIDES A**  
**ALVEOLES OUVERTES CONTENANT**  
**DU GRAPHITE EXFOLIE**  
[72] DE VOS, HANS A. G., NL  
[72] VAN DEN BOSCH, RONALD J. M.,  
NL  
[71] THE DOW CHEMICAL COMPANY,  
US  
[85] 2001-07-30  
[86] 2000-02-02 (PCT/US00/02702)  
[87] 2000-08-10 (WO00/46283)  
[30] US (60/118,280) 1999-02-02

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[21] **2,362,209**  
[13] A1  
[51] **Int.Cl. 7E21B 21/00 7E21B 4/02**  
[25] EN  
[54] **DRILLING METHOD**  
[54] **PROCEDE DE FORAGE**  
[72] MOYES, PETER BARNES, GB  
[71] WEATHERFORD/LAMB, INC., US  
[85] 2001-08-24  
[86] 2000-02-25 (PCT/GB00/00642)  
[87] 2000-08-31 (WO00/50731)  
[30] GB (9904380.4) 1999-02-25

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[21] **2,362,210**  
[13] A1  
[51] **Int.Cl. 7A46B 7/10**  
[25] EN  
[54] **METHOD FOR MOUNTING A**  
**DRUM AS WELL AS A DRUM AND AN**  
**AXLE FOR A BRUSH ROLLER**  
[54] **PROCEDE DE MONTAGE D'UN**  
**TAMBOUR AUSSI BIEN QUE D'UN**  
**TAMBOUR ET D'UN AXE-CYLINDRE**  
**DE ROULEAU DE BROSSE**  
[72] EKHOLM, HANS, SE  
[71] SIB SVENSKA INDUSTRI BORSTAR  
I VASTERAS AB, SE  
[85] 2001-08-03  
[86] 2000-03-02 (PCT/SE00/00416)  
[87] 2000-09-08 (WO00/51461)  
[30] SE (9900789-0) 1999-03-04

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[21] **2,362,211**  
[13] A1  
[51] **Int.Cl. 7C07D 211/58 7A61P 1/14**  
**7A61K 31/4468**  
[25] EN  
[54] **BENZAMIDE DERIVATIVES AND**  
**MEDICAMENT CONTAINING THE**  
**SAME**  
[54] **DERIVES DE BENZAMIDE ET**  
**MEDICAMENTS LES CONTENANT**  
[72] SAKAGUCHI, JUN, JP  
[72] KATO, HIDEO, JP  
[72] KADO, NORIYUKI, JP  
[71] HOKURIKU SEIYAKU CO., LTD., JP  
[85] 2001-08-03  
[86] 2000-02-02 (PCT/JP00/00560)  
[87] 2000-08-10 (WO00/46201)  
[30] JP (11/27030) 1999-02-04

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[21] **2,362,212**  
[13] A1  
[51] **Int.Cl. 7C11C 3/02 7C12P 7/64**  
[25] EN  
[54] **LIPASE-CATALYSED**  
**ESTERIFICATION OF MARINE OIL**  
[54] **ESTERIFICATION D'HUILE**  
**MARINE CATALYSEE PAR LIPASE**  
[72] THORSTAD, OLAV, NO  
[72] HARALDSSON, GUDMUNDUR G., IS  
[72] KRISTIANSOON, BJORN, IS  
[71] NORSK HYDRO ASA, NO  
[85] 2001-08-14  
[86] 2000-02-16 (PCT/NO00/00056)  
[87] 2000-08-24 (WO00/49117)  
[30] NO (19990739) 1999-02-17

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[21] **2,362,213**  
[13] A1  
[51] **Int.Cl. 7C08J 9/00 7C08K 3/04 7C08L**  
**75/04**  
[25] EN  
[54] **OPEN-CELLED POLYURETHANE**  
**FOAMS CONTAINING GRAPHITE**  
**WHICH EXHIBIT LOW THERMAL**  
**CONDUCTIVITY**  
[54] **MOUSSES DE POLYURETHANNE**  
**A ALVEOLES OUVERTES**  
**CONTENANT DU GRAPHITE ET**  
**PRESENTANT UNE FAIBLE**  
**CONDUCTIBILITE THERMIQUE**  
[72] VAN DEN BOSCH, RONALD J. M.,  
NL  
[72] DE VOS, HANS A. G., NL  
[71] THE DOW CHEMICAL COMPANY,  
US  
[85] 2001-07-30  
[86] 2000-02-02 (PCT/US00/02703)  
[87] 2000-08-10 (WO00/46284)  
[30] US (60/118,319) 1999-02-02

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[21] **2,362,215**  
[13] A1  
[51] **Int.Cl. 7C08G 63/682 7C08G 18/42 7C08G 18/46**  
[25] EN  
[54] **POLYESTER WITH PARTIALLY FLUORINATED SIDE CHAINS**  
[54] **POLYESTER A CHAINES LATERALES PARTIELLEMENT FLUOREES**  
[72] WEINERT, RAYMOND J., US  
[72] GOTTSCHALK, DANIEL C., US  
[72] WRIGHT, JOE A., US  
[72] KRESGE, EDWARD N., US  
[72] MEDSKER, ROBERT E., US  
[72] WOODLAND, DANIEL D., US  
[71] OMNOVA SOLUTIONS INC., US  
[85] 2001-08-02  
[86] 2000-02-03 (PCT/US00/02714)  
[87] 2000-08-10 (WO00/46270)  
[30] US (09/244,711) 1999-02-04  
[30] US (09/384,464) 1999-08-27

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[21] **2,362,217**  
[13] A1  
[51] **Int.Cl. 7C07D 231/38 7C07C 243/28 7C07C 255/61 7C07C 251/76**  
[25] EN  
[54] **NEW PROCESS FOR PREPARING PESTICIDAL INTERMEDIATES**  
[54] **NOUVEAU PROCEDE DE PREPARATION D'INTERMEDIAIRES PESTICIDES**  
[72] ANCEL, JEAN-ERICK, FR  
[71] AVENTIS CROPS SCIENCE S.A., FR  
[85] 2001-08-03  
[86] 2000-02-01 (PCT/EP00/01101)  
[87] 2000-08-10 (WO00/46210)  
[30] FR (99/01469) 1999-02-04

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[21] **2,362,218**  
[13] A1  
[51] **Int.Cl. 7A23J 3/00**  
[25] EN  
[54] **METHOD FOR IMPROVING GELLING PROPERTIES OF PROTEIN**  
[54] **PROCEDE PERMETTANT D'AMELIORER LES PROPRIETES GELIFIANTES D'UNE PROTEINE**  
[72] TADA, MIKIRO, JP  
[72] SAKAUE, KAZUSHI, JP  
[72] HAYASHI, TORU, JP  
[72] SUZUKI, SETSUKO, JP  
[71] TADA, MIKIRO, JP  
[71] SAN-EI GEN F.F.I., INC., JP  
[71] DIRECTOR OF NATIONAL FOOD RESEARCH INSTITUTE, MINISTRY OF AGRICULTURE, FORESTRY AND FISHERIES, JP  
[85] 2001-08-17  
[86] 1999-12-09 (PCT/JP99/06931)  
[87] 2000-08-24 (WO00/48472)  
[30] JP (11/41594) 1999-02-19

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[21] **2,362,219**  
[13] A1  
[51] **Int.Cl. 7C11D 3/48 7A01N 33/12 7C11D 3/20 7C11D 1/62 7C11D 1/645**  
[25] EN  
[54] **HARD SURFACE CLEANING AND DISINFECTING COMPOSITIONS**  
[54] **COMPOSITIONS NETTOYANTES ET DESINFECTANTES POUR SURFACES DURES**  
[72] CHEUNG, TAK WAI, US  
[72] SMIALOWICZ, DENNIS THOMAS, US  
[71] RECKITT BENCKISER, INC., US  
[85] 2001-08-14  
[86] 2000-02-14 (PCT/GB00/00464)  
[87] 2000-08-24 (WO00/49127)  
[30] GB (9903478.7) 1999-02-17

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[21] **2,362,220**  
[13] A1  
[51] **Int.Cl. 7G06K 9/00 7G06F 13/00 7G06F 17/00**  
[25] EN  
[54] **APPARATUS AND METHOD FOR TREND ANALYSIS IN GRAPHICAL INFORMATION INVOLVING SPATIAL DATA**  
[54] **APPAREIL ET PROCEDE D'ANALYSE DE TENDANCES DANS LES INFORMATIONS GRAPHIQUES IMPLIQUANT DES DONNEES SPATIALES**  
[72] VAN BEMMEL, PETER P., US  
[72] PEPPER, RANDOLPH E. F., US  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2001-07-31  
[86] 2000-02-03 (PCT/US00/02719)  
[87] 2000-08-24 (WO00/49562)  
[30] US (60/120,162) 1999-02-16  
[30] US (09/318,393) 1999-05-25

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[21] **2,362,221**  
[13] A1  
[51] **Int.Cl. 7G01S 1/02**  
[25] EN  
[54] **SURVEILLANCE SYSTEM FOR TERRESTRIAL NAVIGATIONAL AND AIRPORT LANDING SYSTEMS**  
[54] **SYSTEME DE SURVEILLANCE POUR SYSTEMES TERRESTRES DE NAVIGATION ET D'ATTERRISSAGE**  
[72] FRANKE, ERICH, FR  
[72] KLEIBER, HERBERT, FR  
[71] AIRSYS NAVIGATION SYSTEMS GMBH, DE  
[85] 2001-08-03  
[86] 2000-02-08 (PCT/EP00/01323)  
[87] 2000-08-17 (WO00/48015)  
[30] DE (199 04 842.8) 1999-02-08

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[21] **2,362,223**  
[13] A1  
[51] **Int.Cl. 7C10M 137/02 7C10M 133/04 7C10M 133/16 7C10M 129/26 7C10M 145/36 7C10M 129/76**  
[25] EN  
[54] **REFRIGERATING MACHINE OIL COMPOSITION**  
[54] **COMPOSITION HUILEUSES POUR MACHINES REFRIGERANTES**  
[72] SAKANOUÉ, SHUICHI, JP  
[72] TAKESUE, MASAHICO, JP  
[72] TAKAGI, MINORU, JP  
[72] JIDO, YUICHIRO, JP  
[72] NAGAKAWA, HIROSHI, JP  
[72] TOMINAGA, SHOICHI, JP  
[71] IDEMITSU KOSAN CO., LTD., JP  
[71] IDEMITSU KOSAN CO., LTD., JP  
[85] 2001-08-03  
[86] 2000-03-01 (PCT/JP00/01197)  
[87] 2000-09-14 (WO00/53704)  
[30] JP (11/58387) 1999-03-05  
[30] JP (11/94530) 1999-04-01

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[21] **2,362,225**  
[13] A1  
[51] **Int.Cl. 7E04B 1/344 7E04H 1/12**  
[25] EN  
[54] **STRUCTURES WHICH CAN BE DISMANTLED AND FOLDED, CONSISTING OF INTERCONNECTING TUBULAR ELEMENTS**  
[54] **STRUCTURES, COMPOSEES D'ELEMENTS TUBULAIRES INTERCONNECTES, POUVANT ETRE DEMONTEES ET PLIEES**  
[72] CAZZOLARO, SERGIO, IT  
[71] CAZZOLARO, SERGIO, IT  
[85] 2001-08-13  
[86] 2000-02-18 (PCT/IT00/00053)  
[87] 2000-08-31 (WO00/50702)  
[30] IT (MI99A000393) 1999-02-26

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[21] **2,362,226**  
[13] A1  
[51] **Int.Cl. 7H02H 9/04**  
[25] FR  
[54] **DISPOSITIF PARAFoudre POUR INSTALLATIONS ELECTRIQUES DE FORTE PUISSANCE**  
[54] **LIGHTNING ARRESTOR DEVICE FOR HIGH POWER ELECTRIC INSTALLATIONS**  
[72] GIRARD, FRANCOIS, FR  
[71] GIRARD, FRANCOIS, FR  
[85] 2001-08-03  
[86] 2000-02-09 (PCT/FR00/00307)  
[87] 2000-08-17 (WO00/48285)  
[30] FR (99/01503) 1999-02-09

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[21] **2,362,227**  
[13] A1  
[51] **Int.Cl. 7A23L 1/015**  
[25] EN  
[54] **MASKING AGENT**  
[54] **AGENT MASQUANT**  
[72] OGUNI, NOBUTAKA, JP  
[72] NAKAMURA, TOMOYASU, JP  
[71] FUJISAWA PHARMACEUTICAL CO., LTD., JP  
[85] 2001-08-14  
[86] 2000-02-09 (PCT/JP00/00733)  
[87] 2000-08-24 (WO00/48475)  
[30] JP (11/40312) 1999-02-18

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[21] **2,362,230**  
[13] A1  
[51] **Int.Cl. 7C07D 405/12 7A61P 19/00 7C07D 309/08 7C07D 491/10 7C07D 409/12 7C07D 401/14 7C07D 405/14 7A61K 31/445 7A61K 31/453 7C07D 211/46 7C07D 211/66**  
[25] EN  
[54] **SULFAMATO HYDROXAMIC ACID METALLOPROTEASE INHIBITOR**  
[54] **INHIBITEUR DE METALLOPROTEASE A BASE D'ACIDE HYDROXAMIQUE A SULFAMATE**  
[72] CARROLL, JEFFERY N., US  
[72] KASSAB, DARREN J., US  
[72] RICO, JOSEPH G., US  
[72] BOEHM, TERRI L., US  
[72] DE CRESCENZO, GARY A., US  
[72] MISCHKE, DEBORAH A., US  
[71] G.D. SEARLE & CO., US  
[85] 2001-08-03  
[86] 2000-02-07 (PCT/US00/03061)  
[87] 2000-08-10 (WO00/46221)  
[30] US (60/119,181) 1999-02-08

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[21] **2,362,231**  
[13] A1  
[51] **Int.Cl. 7C07K 1/00 7A23J 1/00 7A61K 35/30**  
[25] EN  
[54] **BRAIN-DERIVED ALKALI-SOLUBLE IMMUNOREGULATORY COMPOSITION**  
[54] **COMPOSITION IMMUNOREGULATRICE SOLUBLE DANS LES ALCALIS DERIVEE DE TISSU CEREBRAUX**  
[72] LINDSEY, J. WILLIAM, US  
[71] RESEARCH DEVELOPMENT FOUNDATION, US  
[85] 2001-08-03  
[86] 2000-02-04 (PCT/US00/02981)  
[87] 2000-08-10 (WO00/46237)  
[30] US (60/118,930) 1999-02-05

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[21] **2,362,233**  
[13] A1  
[51] **Int.Cl. 7C08B 37/08 7A61L 27/20 7A61L 15/28**  
[25] EN  
[54] **PROCESS FOR CROSS-LINKING HYALURONIC ACID TO POLYMERS**  
[54] **PROCEDE DE RETICULATION D'ACIDE HYALURONIQUE AVEC DES POLYMERES**  
[72] ZHAO, XIAOBIN, GB  
[72] FRASER, JANE ELIZABETH, GB  
[72] ALEXANDER, CATHERINE, GB  
[71] VITROLIFE UK LIMITED, GB  
[85] 2001-08-03  
[86] 2000-02-03 (PCT/GB00/00316)  
[87] 2000-08-10 (WO00/46252)  
[30] GB (9902652.8) 1999-02-05

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[21] **2,362,234**  
[13] A1  
[51] **Int.Cl. 7G06F 17/60 7G06K 9/00**  
[25] EN  
[54] **TOKENLESS BIOMETRIC ELECTRONIC REWARDS SYSTEM**  
[54] **SYSTEME ELECTRONIQUE ET BIOMETRIQUE DE RECOMPENSES SANS JETON**  
[72] LEE, JONATHAN A., US  
[72] HOFFMAN, NED, US  
[72] PARE, DAVID F., JR., US  
[71] VERISTAR CORPORATION, US  
[85] 2001-07-30  
[86] 2000-02-02 (PCT/US00/02783)  
[87] 2000-11-09 (WO00/67187)  
[30] US (09/244,784) 1999-05-02

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## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,362,235</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B29C 70/52</b> [25] EN [54] <b>FIBRE REINFORCED COMPOSITES AND METHOD OF MAKING SAME</b> [54] <b>COMPOSITES RENFORCES DE FIBRES ET LEUR PROCEDE DE FABRICATION</b> [72] GRAY, IAN LINDSAY, GB [71] BAE SYSTEMS PLC, GB [85] 2001-08-02 [86] 2000-02-02 (PCT/GB00/00286) [87] 2000-08-17 (WO00/47397) [30] GB (9902584.3) 1999-02-08</p>	<p style="text-align: right;">[21] <b>2,362,240</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01J 49/04</b> [25] EN [54] <b>ION SOURCE FOR MASS ANALYSER</b> [54] <b>SOURCE D'IONS POUR SPECTROMETRE DE MASSE</b> [72] GILES, ROGER, GB [71] MASSLAB LIMITED, GB [85] 2001-08-10 [86] 2000-02-02 (PCT/GB00/00301) [87] 2000-08-17 (WO00/48228) [30] GB (9903138.7) 1999-02-11</p>	<p style="text-align: right;">[21] <b>2,362,243</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B05B 11/00</b> [25] EN [54] <b>CARTRIDGE FOR A LIQUID</b> [54] <b>CARTOUCHE DE LIQUIDE</b> [72] GESER, JOHANNES, DE [72] ZIERENBERG, BERND, DE [72] FIOL, ANDREAS, DE [72] HAUSMANN, MATTHIAS, DE [72] EICHER, JOACHIM, DE [72] HOCHRAINER, DIETER, DE [72] SCHYRA, MICHAEL, DE [72] KLADDERS, HEINRICH, DE [72] WUTTKE, GILBERT, DE [71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE [85] 2001-08-03 [86] 2000-02-16 (PCT/EP00/01249) [87] 2000-08-31 (WO00/49988) [30] MY (PI 99 00627) 1999-02-23 [30] DE (199 40 713.4) 1999-08-26</p>
<p style="text-align: right;">[21] <b>2,362,238</b> [13] A1</p> <p>[51] <b>Int.Cl. 7D21C 7/08 7D21C 9/00 7D21D 5/28</b> [25] EN [54] <b>METHOD AND APPARATUS FOR TREATING PULP</b> [54] <b>PROCEDE ET APPAREIL DE TRAITEMENT DE PATE A PAPIER</b> [72] TOUKONUMMI, OLAVI, FI [72] HEIKKILA, MARTTI, FI [72] ROBERG, KARL-ERIK, FI [72] KOVASIN, KARI, FI [71] SULZER PUMPEN AG, CH [85] 2001-08-03 [86] 2000-02-02 (PCT/FI00/00067) [87] 2000-08-24 (WO00/49222) [30] FI (990290) 1999-02-15</p>	<p style="text-align: right;">[21] <b>2,362,241</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61B 17/22</b> [25] EN [54] <b>ULTRASONIC PROBE WITH LOW-FRICTION BUSHINGS</b> [54] <b>SONDE ULTRASONORE AVEC ANNEAUX A FAIBLE COEFFICIENT DE FROTTEMENT</b> [72] BRUMBACH, JOHN C., US [72] HECHEL, DENNIS, US [71] FIBRASONICS, INC., US [85] 2001-08-16 [86] 2000-02-15 (PCT/US00/03876) [87] 2000-08-24 (WO00/48519) [30] US (09/251,791) 1999-02-17</p>	<p style="text-align: right;">[21] <b>2,362,245</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12Q 1/68</b> [25] EN [54] <b>POLYNUCLEOTIDE SEQUENCING METHOD</b> [54] <b>TECHNIQUE DE SEQUENCAGE DE POLYNUCLEOTIDES</b> [72] MCGINNIS, MALCOLM D., US [72] MADONIK, ALEX M., US [71] PE CORPORATION (NY), US [85] 2001-08-07 [86] 2000-02-16 (PCT/US00/04034) [87] 2000-08-24 (WO00/49178) [30] US (09/250,422) 1999-02-16</p>
<p style="text-align: right;">[21] <b>2,362,239</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/11 7C07K 16/00 7C12N 9/00 7C07H 21/04 7C12P 21/06 7C12N 5/10 7C12N 1/20 7G01N 33/566 7C12Q 1/68</b> [25] EN [54] <b>NOVEL RGS-CONTAINING MOLECULES AND USES THEREOF</b> [54] <b>NOUVELLES MOLECULES CONTENANT DES REGULATEURS DE SIGNALISATION DE PROTEINE G (RGS) ET LEURS UTILISATIONS</b> [72] YOWE, DAVID, US [72] HODGE, MARTIN R., US [71] MILLENNIUM PHARMACEUTICALS, INC., US [85] 2001-07-26 [86] 2000-02-04 (PCT/US00/02977) [87] 2000-08-10 (WO00/46236) [30] US (09/244,314) 1999-02-04</p>	<p style="text-align: right;">[21] <b>2,362,242</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 7/38</b> [25] EN [54] <b>SYSTEM AND METHOD FOR AUTOMATICALLY ANSWERING INCOMING EMERGENCY CALLS TO A WIRELESS PHONE</b> [54] <b>SYSTEME ET PROCEDE DE REPONSE AUTOMATIQUE AUX APPELS D'URGENCE ENTRANTS DANS UN TELEPHONE SANS FIL</b> [72] KENAGY, JASON B., US [72] SIU, TA-YAN, US [71] QUALCOMM INCORPORATED, US [85] 2001-07-25 [86] 2000-02-09 (PCT/US00/03302) [87] 2000-08-24 (WO00/49829) [30] US (09/246,467) 1999-02-20</p>	<p style="text-align: right;">[21] <b>2,362,246</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07H 15/26 7A61P 29/00 7A61P 37/02 7A61P 31/04 7A61K 31/7048</b> [25] EN [54] <b>ETHER TYPE LIPID A1-CARBOXYLIC ACID ANALOGUES</b> [54] <b>ANALOGUES DE TYPE ETHER D'ACIDE A1-CARBOXYLIQUE LIPIDIQUE</b> [72] KANAI, SAORI, JP [72] KURAKATA, SHINICHI, JP [72] SHIOZAKI, MASAO, JP [72] KAZAMA, YUKIKO, JP [71] SANKYO COMPANY LIMITED, JP [85] 2001-08-17 [86] 2000-02-10 (PCT/JP00/00726) [87] 2001-08-10 (WO00/47595) [30] JP (11/32532) 1999-02-10</p>

## PCT Applications Entering the National Phase

[21] **2,362,247**  
[13] A1

[51] **Int.Cl. 7A61B 17/70**  
[25] FR  
[54] **DISPOSITIF DE DISTRACTION/CONTRACTION POUR SYSTEME D'OSTEOSYNTHESE RACHIDIENNE**  
[54] **DISTRACTION/CONTRACTION DEVICE FOR BACKBONE OSTEOSYNTHESIS**  
[72] PASQUET, DENIS, FR  
[72] CONCHY, FREDERIC, FR  
[71] DIMSO (DISTRIBUTION MEDICALE DU SUD-OUEST), FR  
[85] 2001-08-17  
[86] 2000-02-18 (PCT/FR00/00414)  
[87] 2000-08-24 (WO00/48523)  
[30] FR (99/01987) 1999-02-18

[21] **2,362,252**  
[13] A1

[51] **Int.Cl. 7F16K 37/00**  
[25] EN  
[54] **POSITION DETECTION FOR ROTARY CONTROL VALVES**  
[54] **DETECTION DE POSITION POUR VANNES DE REGULATION ROTATIVES**  
[72] LAFLER, LAWRENCE R., US  
[72] DIEULIIS, VAL, US  
[72] TANNER, DOUGLAS J., US  
[72] COTTLES, VERNON M., US  
[71] SPX CORPORATION, US  
[85] 2001-08-20  
[86] 2000-01-26 (PCT/US00/01851)  
[87] 2000-08-31 (WO00/50796)  
[30] US (09/256,050) 1999-02-23

[21] **2,362,253**  
[13] A1

[51] **Int.Cl. 7C07H 17/08 7A61P 33/00 7A61K 31/7048**  
[25] EN  
[54] **AVERMECTIN DERIVATIVES**  
[54] **DERIVES DE L'AVERMECTINE**  
[72] SAMSON-HIMMELSTJERNA, GEORG VON, DE  
[72] TURBERG, ANDREAS, DE  
[72] OMURA, SATOSHI, JP  
[72] SUNAZUKA, TOSHIAKI, JP  
[72] HANSEN, OLAF, DE  
[72] HARDER, ACHIM, DE  
[71] THE KITASATO INSTITUTE, JP  
[85] 2001-08-08  
[86] 2000-02-09 (PCT/JP00/00691)  
[87] 2000-08-17 (WO00/47597)  
[30] JP (11/31058) 1999-02-09  
[30] JP (11/248633) 1999-09-02

[21] **2,362,254**  
[13] A1

[51] **Int.Cl. 7H01C 7/02 7H01C 7/04 7H01C 10/10**  
[25] EN  
[54] **MATERIALS AND COMPOSITES ACTIVABLE INTO A STATE OF ENHANCED CONDUCTIVITY**  
[54] **MATERIAUX ET COMPOSITES POUVANT ETRE ACTIVES POUR PASSER DANS UN ETAT DE CONDUCTIVITE RENFORCEE**  
[72] DREY, MEIR ROBERT REOVEN, IL  
[72] AZAR, ITZHAR, IL  
[72] KOTLICKI, AVISHAI, IL  
[72] RAM, MICHAEL, IL  
[72] GABBAI, ERAN, IL  
[72] GABBAI, JOSEPH, IL  
[71] DO-COOP TECHNOLOGIES LTD., IL  
[85] 2001-08-01  
[86] 2000-02-09 (PCT/IL00/00083)  
[87] 2000-08-17 (WO00/48206)  
[30] IL (128432) 1999-02-09

[21] **2,362,255**  
[13] A1

[51] **Int.Cl. 7F16J 9/20 7F16J 9/28**  
[25] EN  
[54] **HIGH PRESSURE MULTI-LOBE SEAL**  
[54] **JOINT MULTI-LOBES A HAUTE PRESSION**  
[72] EVANS, ARCHIE L., US  
[72] ROACH, JACK R., US  
[72] BAUMAN, WALTER DOUGLAS, US  
[72] CHAMBERLIN, JAMES B., US  
[72] JEFFRIES, MARK S., US  
[71] AVM, INC., US  
[85] 2001-08-17  
[86] 2000-02-09 (PCT/US00/03364)  
[87] 2000-08-31 (WO00/50787)  
[30] US (09/257,333) 1999-02-25

[21] **2,362,256**  
[13] A1

[51] **Int.Cl. 7G07B 15/00 7G07C 5/00 7G08G 1/017 7G01S 13/91**  
[25] EN  
[54] **SYSTEM FOR DATA TRANSFER BETWEEN MOVING OBJECTS AND FIXED STATIONS**  
[54] **SYSTEME POUR TRANSFERT DE DONNEES ENTRE DES OBJETS MOBILES ET DES STATIONS FIXES**  
[72] BERVOETS, ALFONS MARIE, NL  
[72] HIN, FRANS, BE  
[71] AMB IT HOLDING B.V., NL  
[85] 2001-08-10  
[86] 2000-02-11 (PCT/NL00/00086)  
[87] 2000-08-17 (WO00/48132)  
[30] NL (1011298) 1999-02-12

[21] **2,362,257**  
[13] A1

[51] **Int.Cl. 7G01V 3/08 7G08C 17/00 7G08B 13/22**  
[25] EN  
[54] **WIRELESS SYNCHRONIZATION OF PULSED MAGNETIC EAS SYSTEMS**  
[54] **SYNCHRONISATION SANS FIL DE SYSTEMES MAGNETIQUES PULSES EAS**  
[72] BALCH, BRENT F., US  
[72] ACCOLLA, WILLIAM R., US  
[72] COOK, JAMES A., US  
[72] ALLEN, JOHN A., US  
[71] SENSORMATIC ELECTRONICS CORPORATION, US  
[85] 2001-08-07  
[86] 2000-01-07 (PCT/US00/00356)  
[87] 2000-08-17 (WO00/48148)  
[30] US (09/250,064) 1999-02-12

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[21] **2,362,258**  
[13] A1  
[51] **Int.Cl. 7C07K 4/00 7A61K 38/02 7A61K 38/16 7C07K 14/47**  
[25] EN  
[54] **PEPTIDES INHIBITING VASCULAR ENDOTHELIAL CELL MIGRATION**  
[54] **PEPTIDES INHIBANT LA MIGRATION DES CELLULES ENDOTHELIALES VASCULAIRES**  
[72] MIYAMOTO, KAORU, JP  
[72] YAMASAKI, MOTOO, JP  
[72] SHIBATA, KENJI, JP  
[72] TSUKUDA, EIJI, JP  
[72] ODA, SHOJI, JP  
[71] KYOWA HAKKO KOGYO CO., LTD., JP  
[85] 2001-08-10  
[86] 2000-02-09 (PCT/JP00/00703)  
[87] 2000-08-17 (WO00/47606)  
[30] JP (11/33772) 1999-02-12

[21] **2,362,259**  
[13] A1  
[51] **Int.Cl. 7C07C 211/01 7A61K 31/132**  
[25] EN  
[54] **ANTIZYME MODULATORS AND THEIR USE**  
[54] **MODULATEURS D'ANTIZYME ET LEUR UTILISATION**  
[72] WEBB, HEATHER K., US  
[72] BURNS, MARK R., US  
[72] VERMEULIN, NICOLAAS M. J., US  
[71] ORIDIGM CORPORATION, US  
[85] 2001-08-03  
[86] 2000-02-04 (PCT/US00/02972)  
[87] 2000-08-10 (WO00/46187)  
[30] US (60/118,892) 1999-02-05

[21] **2,362,260**  
[13] A1  
[51] **Int.Cl. 7A61M 37/00**  
[25] EN  
[54] **SINGLE DOSE DELIVERY DEVICE**  
[54] **DISTRIBUTEUR MONODOSE**  
[72] TAYLOR, MICHAEL A., US  
[71] PRISMEDICAL CORPORATION, US  
[85] 2001-08-03  
[86] 2000-02-15 (PCT/US00/03950)  
[87] 2000-08-24 (WO00/48662)  
[30] US (60/120,418) 1999-02-16

[21] **2,362,261**  
[13] A1  
[51] **Int.Cl. 7C07C 27/00 7C07C 37/08 7C07C 45/53**  
[25] EN  
[54] **HYDROPEROXIDE DECOMPOSITION PROCESS**  
[54] **PROCEDE DE DECOMPOSITION D'HYDROPEROXYDE**  
[72] DRULINER, JOE DOUGLAS, US  
[72] LANE, SAMUEL LIVINGSTON, US  
[72] MANZER, LEO ERNEST, US  
[72] JORDAN, STEPHEN PAUL, US  
[72] KOB, NICHOLAS EDWARD III, US  
[72] HERRON, NORMAN, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2001-08-07  
[86] 1999-03-10 (PCT/US99/05228)  
[87] 2000-09-14 (WO00/53550)

[21] **2,362,265**  
[13] A1  
[51] **Int.Cl. 7C09K 15/06 7C07D 309/00 7A23L 3/3481**  
[25] EN  
[54] **ANTI-OXIDANT**  
[54] **ANTIOXYDANT**  
[72] ISAK, TORBEN, DK  
[72] ANDERSEN, SOREN MOLLER, DK  
[72] JENSEN, HENRIK MAX, DK  
[72] MARCUSSEN, JAN, DK  
[72] YU, SHUKUN, SE  
[71] DANISCO A/S, DK  
[85] 2001-08-07  
[86] 2000-03-16 (PCT/IB00/00358)  
[87] 2000-09-28 (WO00/56838)  
[30] GB (9906457.8) 1999-03-19

[21] **2,362,267**  
[13] A1  
[51] **Int.Cl. 7A61K 7/06**  
[25] EN  
[54] **MONO AND DIALKYL QUATS WITH SILICONE IN CONDITIONING COMPOSITIONS**  
[54] **COMPOSES D'AMMONIUM QUATERNAIRE MONO ET DIALKYLQUES ET SILICONE DANS DES COMPOSITIONS DE TONIFICATION DES CHEVEUX**  
[72] PYLES, DANIEL RAYMOND, US  
[71] UNILEVER PLC, GB  
[85] 2001-08-16  
[86] 2000-02-04 (PCT/EP00/00907)  
[87] 2000-08-24 (WO00/48556)  
[30] US (09/252,564) 1999-02-18

[21] **2,362,268**  
[13] A1  
[51] **Int.Cl. 7C12P 17/06 7A61P 35/00 7A23K 1/16 7A23L 1/30 7A61K 31/352**  
[25] EN  
[54] **NOVEL SUBSTANCE ORIGINATING IN BASIDIOMYCETE CULTURE, PROCESS FOR PRODUCING THE SAME AND USE THEREOF**  
[54] **NOUVELLE SUBSTANCE PROVENANT DE LA CULTURE D'UN BASIDIOMYCETE, PROCEDE DE PRODUCTION ET UTILISATION DE LADITE SUBSTANCE**  
[72] KOSUNA, KEN-ICHI, JP  
[72] YUAN, LAN, JP  
[72] MIURA, TAKEHITO, JP  
[72] SUN, BUXIANG, JP  
[71] AMINO UP CHEMICAL CO., LTD., JP  
[85] 2001-08-07  
[86] 2000-12-14 (PCT/JP00/08839)  
[87] 2001-06-21 (WO01/44488)  
[30] JP (11/356267) 1999-12-15  
[30] JP (2000-234008) 2000-08-02

[21] **2,362,270**  
[13] A1  
[51] **Int.Cl. 7G10K 15/02 7G06F 12/00 7G06F 12/14 7G06F 17/30**  
[25] EN  
[54] **INFORMATION PROCESSOR, PROCESSING METHOD THEREFOR, AND PROGRAM STORAGE MEDIUM**  
[54] **MACHINE DE TRAITEMENT DES DONNEES, PROCEDE DE TRAITEMENT DES DONNEES ASSOCIE ET SUPPORT DE STOCKAGE DE PROGRAMMES**  
[72] TAMBATA, IPPEI, JP  
[72] SHIROMA, SHIN, JP  
[72] HATANAKA, MITSUYUKI, JP  
[72] KOJIMA, KIYONOBU, JP  
[72] MORITA, TOSHIHIRO, JP  
[71] SONY CORPORATION, JP  
[85] 2001-08-07  
[86] 2000-12-15 (PCT/JP00/08915)  
[87] 2001-06-21 (WO01/45084)  
[30] JP (11/358408) 1999-12-17

## PCT Applications Entering the National Phase

<p style="text-align: center;">[21] <b>2,362,272</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 221/20 7A61P 25/00 7A61P 29/00 7C07D 401/06 7A61K 31/41 7A61K 31/44 7A61K 31/445</b></p> <p>[25] EN</p> <p>[54] <b>SPIROCYCLIC KETONES AND THEIR USE AS TACHYKININ ANTAGONISTS</b></p> <p>[54] <b>CETONES SPIROCYCLIQUES ET LEURS UTILISATION COMME ANTAGONISTES DES TACHYKININES</b></p> <p>[72] KULAGOWSKI, JANUSZ JOZEF, GB</p> <p>[71] MERCK SHARP &amp; DOHME LIMITED, GB</p> <p>[85] 2001-08-06</p> <p>[86] 2000-02-08 (PCT/GB00/00379)</p> <p>[87] 2000-08-17 (WO00/47562)</p> <p>[30] GB (9902881.3) 1999-02-09</p>	<p style="text-align: center;">[21] <b>2,362,278</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E21B 12/00 7F16F 15/02 7B25D 17/04 7E21B 19/087 7B25D 17/24</b></p> <p>[25] EN</p> <p>[54] <b>ROCK DRILL HANDLE</b></p> <p>[54] <b>POIGNEE POUR PERFORATRICE DE ROCHES</b></p> <p>[72] PRAJAPATI, KAMLESH BHAGWANBHAI, CA</p> <p>[72] HES, PETRUS ALBERTUS JOZEF, ZA</p> <p>[71] ANGLO OPERATIONS LIMITED, ZA</p> <p>[85] 2001-08-03</p> <p>[86] 2000-02-08 (PCT/IB00/00132)</p> <p>[87] 2000-08-17 (WO00/47862)</p> <p>[30] ZA (99/1055) 1999-02-10</p>	<p style="text-align: center;">[21] <b>2,362,282</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B65D 6/18</b></p> <p>[25] EN</p> <p>[54] <b>COLLAPSIBLE CRATE AND ASSOCIATED CONNECTING MEANS</b></p> <p>[54] <b>CAISSE PLIABLE ET RACCORDS ASSOCIES</b></p> <p>[72] MCALPINE, GILROY CLEMENTS, SA</p> <p>[72] BRONKHORST, ALEXANDER JOHN, ZA</p> <p>[72] MCALPINE, GILROY CLEMENTS, SA</p> <p>[71] BRONKHORST, ALEXANDER JOHN, ZA</p> <p>[71] MCALPINE, GILROY CLEMENTS, SA</p> <p>[85] 2001-08-03</p> <p>[86] 2000-02-09 (PCT/ZA00/00020)</p> <p>[87] 2000-08-17 (WO00/47482)</p> <p>[30] ZA (99/1010) 1999-02-09</p> <p>[30] ZA (99/4103) 1999-06-22</p> <p>[30] ZA (99/7570) 1999-12-09</p>
<p style="text-align: center;">[21] <b>2,362,274</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B65D 81/34</b></p> <p>[25] EN</p> <p>[54] <b>BAG FOR MICROWAVE HEATING</b></p> <p>[54] <b>SACHET POUR FOUR A MICRO-ONDES</b></p> <p>[72] JI, HONG, US</p> <p>[72] MONFORTON, RANDAL J., US</p> <p>[71] GENERAL MILLS, INC., US</p> <p>[85] 2001-08-09</p> <p>[86] 2000-01-31 (PCT/US00/02020)</p> <p>[87] 2000-08-17 (WO00/47491)</p> <p>[30] US (09/248,870) 1999-02-11</p>	<p style="text-align: center;">[21] <b>2,362,279</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/38 7A61P 19/04 7A61K 31/4045</b></p> <p>[25] EN</p> <p>[54] <b>CONNECTIVE TISSUE SOFTENING</b></p> <p>[54] <b>RAMOLLISSEMENT DES TISSUS CONJONCTIFS</b></p> <p>[72] FERGUSON, MARK WILLIAM JAMES, GB</p> <p>[71] RENOVO LIMITED, GB</p> <p>[85] 2001-08-16</p> <p>[86] 2000-02-14 (PCT/GB00/00474)</p> <p>[87] 2000-08-24 (WO00/48617)</p> <p>[30] GB (9903598.2) 1999-02-18</p>	<p style="text-align: center;">[21] <b>2,362,283</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G11C 11/24 7G11C 11/34</b></p> <p>[25] EN</p> <p>[54] <b>PROGRAMMABLE MICROELECTRONIC DEVICES AND METHODS OF FORMING AND PROGRAMMING SAME</b></p> <p>[54] <b>DISPOSITIFS MICROELECTRONIQUES PROGRAMMABLES ET LEURS PROCEDES DE FORMATION ET DE PROGRAMMATION</b></p> <p>[72] KOZICKI, MICHAEL N., US</p> <p>[71] ARIZONA BOARD OF REGENTS, US</p> <p>[85] 2001-07-27</p> <p>[86] 2000-02-11 (PCT/US00/03571)</p> <p>[87] 2000-08-17 (WO00/48196)</p> <p>[30] US (60/119,757) 1999-02-11</p>
<p style="text-align: center;">[21] <b>2,362,275</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B03C 3/16</b></p> <p>[25] EN</p> <p>[54] <b>CHARGED DROPLET GAS SCRUBBER APPARATUS AND METHOD</b></p> <p>[54] <b>PROCEDE ET APPAREIL DE LAVAGE DES GAZ AU MOYEN DE GOUTTELETTES CHARGES</b></p> <p>[72] RICHARDS, CLYDE N., US</p> <p>[71] RICHARDS, CLYDE N., US</p> <p>[85] 2001-08-09</p> <p>[86] 2000-01-26 (PCT/US00/01756)</p> <p>[87] 2000-08-17 (WO00/47326)</p> <p>[30] US (09/248,013) 1999-02-10</p>	<p style="text-align: center;">[21] <b>2,362,280</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E21D 9/08 7E21D 9/10 7E21B 10/12</b></p> <p>[25] EN</p> <p>[54] <b>ADVANCING DEVICE FOR BORING SECTIONS OF ROADWAY, TUNNELS OR SIMILAR</b></p> <p>[54] <b>DISPOSITIF POUR CREUSER DES GALERIES, DES TUNNELS OU VOIES ANALOGUES</b></p> <p>[72] KLEUTERS, NIKOLAUS, DE</p> <p>[71] WIRTH MASCHINEN- UND BOHRGERATE-FABRIK GMBH, DE</p> <p>[85] 2001-08-24</p> <p>[86] 2000-02-08 (PCT/EP00/01004)</p> <p>[87] 2000-08-31 (WO00/50738)</p> <p>[30] DE (299 03 426.7) 1999-02-25</p> <p>[30] DE (299 05 981.2) 1999-04-09</p>	<p style="text-align: center;">[21] <b>2,362,284</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 7/06 7A61K 7/13 7A61K 7/46 7A61K 7/48 7A61K 47/48</b></p> <p>[25] EN</p> <p>[54] <b>MODIFIED CALYCINS</b></p> <p>[54] <b>CALYCINES MODIFIEES</b></p> <p>[72] FINDLAY, JOHN, GB</p> <p>[71] UNIVERSITY OF LEEDS, GB</p> <p>[85] 2001-08-16</p> <p>[86] 2000-02-17 (PCT/GB00/00517)</p> <p>[87] 2000-08-24 (WO00/48558)</p> <p>[30] GB (9903584.2) 1999-02-18</p>

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[21] **2,362,285**  
[13] A1

[51] **Int.Cl. 7G01V 11/00 7G01V 1/28**  
[25] EN  
[54] **UNCERTAINTY CONSTRAINED SUBSURFACE MODELING**  
[54] **MODELISATION DE ZONE SOUTERRAINE A INCERTITUDE REDUITE**  
[72] MALINVERNO, ALBERTO, US  
[72] PRANGE, MICHAEL, US  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2001-07-31  
[86] 2000-02-11 (PCT/US00/03615)  
[87] 2000-08-17 (WO00/48022)  
[30] US (60/119,821) 1999-02-12  
[30] US (60/165,333) 1999-11-12

[21] **2,362,286**  
[13] A1

[51] **Int.Cl. 7B64B 1/00 7B64B 1/58**  
[25] EN  
[54] **SOLAR CELL ARRAY ORIENTATION IN AN AIRSHIP**  
[54] **ORIENTATION DU RESEAU DE CELLULES SOLAIRES D'UN DIRIGEABLE**  
[72] HILLSDON, REGINALD HAROLD, GB  
[71] ADVANCED TECHNOLOGIES GROUP LIMITED (FORMALLY KNOWN AS AIRSHIP TECHNOLOGIES SERVICES LTD.), GB  
[85] 2001-08-08  
[86] 2000-02-08 (PCT/GB00/00377)  
[87] 2000-08-17 (WO00/47466)  
[30] GB (9902873.0) 1999-02-09

[21] **2,362,287**  
[13] A1

[51] **Int.Cl. 7C08B 11/193 7C08B 11/08**  
[25] EN  
[54] **CELLULOSE-BASED ASSOCIATIVE THICKENERS HAVING A HIGH ICI VISCOSITY**  
[54] **EPAISSISSANTS D'ASSOCIATION A BASE DE CELLULOSE A VISCOSITE ICI ELEVEE**  
[72] KROON, GIJSBERT, NL  
[72] HOFMAN, HANS, NL  
[71] HERCULES INCORPORATED, US  
[85] 2001-08-07  
[86] 2000-03-02 (PCT/US00/05646)  
[87] 2000-09-08 (WO00/52059)  
[30] EP (99103926.4) 1999-03-05

[21] **2,362,289**  
[13] A1

[51] **Int.Cl. 7C08F 2/18 7C08F 214/22 7C08F 214/26**  
[25] EN  
[54] **FREE RADICAL POLYMERIZATION METHOD FOR FLUORINATED COPOLYMERS**  
[54] **PROCEDE DE POLYMERISATION RADICALAIRE POUR COPOLYMERES FLUORINES**  
[72] BEKIARIAN, PAUL GREGORY, US  
[72] FARNHAM, WILLIAM BROWN, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2001-08-07  
[86] 2000-03-02 (PCT/US00/05526)  
[87] 2000-09-08 (WO00/52060)  
[30] US (60/122,354) 1999-03-02

[21] **2,362,290**  
[13] A1

[51] **Int.Cl. 7A61K 38/05 7C07K 5/06 7C07K 5/065 7C07K 14/60**  
[25] EN  
[54] **NOVEL AMIDE DERIVATIVES AS GROWTH HORMONE SECRETAGOGUES**  
[54] **NOUVEAUX DERIVES AMIDE SECRETAGOGUES DE L'HORMONE DE CROISSANCE**  
[72] INOBUCHI, KIYOSHI, JP  
[72] TAUCHI, SHINJI, JP  
[72] ISHIYAMA, NOBUO, JP  
[72] UKAI, KIYOHARU, JP  
[72] OKUNO, TADASHI, JP  
[72] ISHIGE, HIROHIDE, JP  
[72] KIYOFUJI, TAKESHI, JP  
[72] MIMURA, MITSUO, JP  
[72] LOEW, GILDA H. (deceased), US  
[72] HUANG, PING, US  
[71] KAKEN PHARMACEUTICAL CO., LTD., JP  
[71] MOLECULAR RESEARCH INSTITUTE, US  
[85] 2001-07-27  
[86] 2000-02-17 (PCT/US00/04001)  
[87] 2000-08-24 (WO00/48623)  
[30] US (09/251,734) 1999-02-18

[21] **2,362,291**  
[13] A1

[51] **Int.Cl. 7C08G 61/12**  
[25] EN  
[54] **MANUFACTURE OF POLYKETONES**  
[54] **PRODUCTION DE POLYKETONES**  
[72] GOLDFINGER, MARC BRUCE, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2001-08-07  
[86] 2000-03-01 (PCT/US00/05242)  
[87] 2000-09-08 (WO00/52075)  
[30] US (60/122,316) 1999-03-01

[21] **2,362,292**  
[13] A1

[51] **Int.Cl. 6C22B 15/06**  
[25] EN  
[54] **FURNACE DISCHARGE SYSTEM AND METHOD OF OPERATION**  
[54] **SYSTEME D'EVACUATION DE FOUR ET PROCEDE DE FONCTIONNEMENT**  
[72] RINKER, FRANKLIN G., US  
[71] MAUMEE RESEARCH AND ENGINEERING, INC., US  
[85] 2001-08-23  
[86] 1999-02-26 (PCT/US99/04391)  
[87] 2000-08-31 (WO00/50654)

[21] **2,362,293**  
[13] A1

[51] **Int.Cl. 7A61K 9/20 7A61K 47/26**  
[25] EN  
[54] **TABLETS AND PROCESS FOR PRODUCING TABLETS**  
[54] **COMPRIMES ET PROCEDE DE PRODUCTION DE COMPRIMES**  
[72] MORIMOTO, KIYOSHI, JP  
[72] IWASE, YUJI, JP  
[72] HIRUTA, SATORU, JP  
[72] WATANABE, YASUSHI, JP  
[71] KYOWA HAKKO KOGYO CO., LTD., JP  
[85] 2001-08-17  
[86] 2000-02-16 (PCT/JP00/00870)  
[87] 2000-08-24 (WO00/48575)  
[30] JP (11/39294) 1999-02-17



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[21] **2,362,294**  
[13] A1  
[51] **Int.Cl. 7C22B 4/00 7C22B 15/00 7C22B 5/10 7C22B 5/16 7C22B 9/20 7C22B 19/20**  
[25] EN  
[54] **TREATMENT OF METAL SULPHIDE CONCENTRATES BY ROASTING AND ARC FURNACE SMELT REDUCTION**  
[54] **TRAITEMENT DE CONCENTRES DE SULFURE METALLIQUE PAR GRILLAGE ET PAR REDUCTION PAR FUSION DANS UN FOUR A ARC**  
[72] BARCZA, NICHOLAS ADRIAN, ZA  
[72] HANNAFORD, ANTHONY, CA  
[72] KAIURA, GARY, CA  
[72] JONES, RODNEY TREVOR, ZA  
[72] O'CONNELL, GARY, CA  
[71] MINTEK, ZA  
[85] 2001-08-21  
[86] 2000-02-25 (PCT/ZA00/00032)  
[87] 2000-08-31 (WO00/50652)  
[30] ZA (99/1285) 1999-02-26

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[21] **2,362,295**  
[13] A1  
[51] **Int.Cl. 7A61K 39/00 7A61K 38/00 7C12N 15/00 7C12N 15/19**  
[25] EN  
[54] **POLYNUCLEOTIDE ENCODING MULTIMERS OF ANTIGENIC PEPTIDES IN ORDER TO ENHANCE PRESENTATION OF THE ANTIGENIC PEPTIDE BY MHC MOLECULES**  
[54] **CONCATOMERES DE PEPTIDE ANTIGENE**  
[72] SHANKARA, SRINIVAS, US  
[72] NICOLETTE, CHARLES A., US  
[71] GENZYME CORPORATION, US  
[85] 2001-08-13  
[86] 2000-02-10 (PCT/US00/03655)  
[87] 2000-08-17 (WO00/47229)  
[30] US (60/120,002) 1999-02-11  
[30] US (60/161,845) 1999-10-27  
[30] US (60/162,170) 1999-10-28

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[21] **2,362,296**  
[13] A1  
[51] **Int.Cl. 7C08J 5/18 7B29C 47/00 7H01M 6/18 7C08J 5/22**  
[25] EN  
[54] **CONTINUOUS MELT PROCESS FOR FABRICATING IONICALLY CONDUCTIVE ARTICLES**  
[54] **PROCEDE DE FUSION CONTINUE PERMETTANT DE FABRIQUER DES ARTICLES CONDUCTEURS PAR MIGRATION DES IONS**  
[72] VIDAL, ANTONIO, US  
[72] DOYLE, CHRISTOPHER MARC, US  
[72] BARTON, KELLY DAVID, US  
[72] LANG, CHARLIE DAVID, US  
[72] FARNHAM, WILLIAM BROWN, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2001-08-07  
[86] 2000-03-02 (PCT/US00/05598)  
[87] 2000-09-08 (WO00/52085)  
[30] US (60/122,696) 1999-03-03

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[21] **2,362,297**  
[13] A1  
[51] **Int.Cl. 7C08F 38/00 7C07B 35/00 7C08F 6/00 7C08J 7/04 7C08F 26/06**  
[25] EN  
[54] **ORDERED POLYACETYLENES AND PROCESS FOR THE PREPARATION THEREOF**  
[54] **POLYACETYLENES ORDONNES ET PROCEDE DE PREPARATION DE CES POLYACETYLENES**  
[72] HOLLINGSWORTH, RAWLE I., US  
[72] WANG, GUIJUN, US  
[71] MICHIGAN STATE UNIVERSITY, US  
[85] 2001-07-31  
[86] 2000-02-17 (PCT/US00/04156)  
[87] 2000-09-28 (WO00/56788)  
[30] US (09/273,219) 1999-03-19

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[21] **2,362,298**  
[13] A1  
[51] **Int.Cl. 7H01M 6/22 7C08F 251/00 7C08F 273/00 7C08F 251/02 7C08F 257/02 7C08L 51/02 7H01M 12/06 7B01D 69/10 7H01B 1/12 7G02F 1/15**  
[25] EN  
[54] **SOLID GEL MEMBRANE**  
[54] **MEMBRANE A GEL SOLIDE**  
[72] TSAI, TSEPIN, US  
[72] CHANG, YUEN-MING, US  
[72] YAO, WAYNE, US  
[72] LI, LIN-FENG, US  
[72] CHEN, MUGUO, US  
[72] TOM, KAREN, US  
[71] REVEO, INC., US  
[85] 2001-08-20  
[86] 2000-02-25 (PCT/US00/04881)  
[87] 2000-08-31 (WO00/51198)  
[30] US (09/259,068) 1999-02-26  
[30] US (09/482,126) 2000-01-11

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[21] **2,362,300**  
[13] A1  
[51] **Int.Cl. 7C12N 15/12 7C12P 21/00 7A01K 67/027 7C12N 5/10 7A61K 38/17 7C07K 16/18 7C07K 14/47 7G01N 33/566 7C12N 15/63 7C12Q 1/68**  
[25] EN  
[54] **HUMAN LIPID-ASSOCIATED PROTEINS**  
[54] **PROTEINES HUMAINES ASSOCIEES AUX LIPIDES**  
[72] YUE, HENRY, US  
[72] AZIMZAI, YALDA, US  
[72] TANG, Y. TOM, US  
[72] HILLMAN, JENNIFER L., US  
[72] BAUGHN, MARIAH R., US  
[72] TRAN, BAO, US  
[71] INCYTE PHARMACEUTICALS, INC., US  
[85] 2001-07-31  
[86] 2000-02-18 (PCT/US00/04160)  
[87] 2000-08-24 (WO00/49043)  
[30] US (60/120,703) 1999-02-19  
[30] US (60/142,762) 1999-07-08

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[21] **2,362,301**  
[13] A1  
[51] **Int.Cl. 7A61F 2/24**  
[25] EN  
[54] **MULTI-PURPOSE VALVE**  
[54] **SOUPAPE MULTIFONCTIONS**  
[72] ROY, SUMIT, NO  
[71] ROY, SUMIT, NO  
[85] 2001-08-08  
[86] 2000-02-16 (PCT/NO00/00057)  
[87] 2000-08-24 (WO00/48533)  
[30] NO (19990736) 1999-02-17

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[21] **2,362,302**  
[13] A1  
[51] **Int.Cl. 7B22F 3/24 7C21D 7/02 7C22F 1/04 7C21D 1/06 7C22F 1/08 7C22F 1/10 7C21D 1/26**  
[25] EN  
[54] **METHOD OF MANUFACTURING METALLIC PRODUCTS SUCH AS SHEET BY COLD WORKING AND FLASH ANNEALING**  
[54] **PROCEDE DE FABRICATION DE PRODUITS METALLIQUES TELS QUE DES FEUILLES, PAR USINAGE A FROID ET RECUIT FLASH**  
[72] HAJALIGOL, MOHAMMAD R., US  
[72] SIKKA, VINOD K., US  
[71] CHRYSALIS TECHNOLOGIES INCORPORATED, US  
[85] 2001-08-07  
[86] 2000-02-09 (PCT/US00/03201)  
[87] 2000-08-17 (WO00/47354)  
[30] US (09/247,065) 1999-02-09

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[21] **2,362,304**  
[13] A1  
[51] **Int.Cl. 7B60Q 1/00**  
[25] EN  
[54] **MAINTENANCE ALERT SYSTEM FOR HEAVY-DUTY TRUCKS**  
[54] **SYSTEME D'ALERTE MAINTENANCE POUR POIDS LOURDS**  
[72] HASFJORD, LAWRENCE DAVID, US  
[71] DETROIT DIESEL CORPORATION, US  
[85] 2001-07-31  
[86] 2000-03-06 (PCT/US00/05792)  
[87] 2000-09-28 (WO00/56574)  
[30] US (09/273,865) 1999-03-22

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[21] **2,362,305**  
[13] A1  
[51] **Int.Cl. 7A61K 49/00**  
[25] EN  
[54] **ASSAY FOR EMETIC ACTIVITY**  
[54] **METHODE D'ACTIVITE ESMETIQUE**  
[72] SAVOIE, CHANTAL, CA  
[72] CHAN, CHI CHUNG, CA  
[72] ROBICHAUD, ANNETTE, CA  
[71] MERCK FROSST CANADA & CO., CA  
[85] 2001-08-24  
[86] 2000-02-28 (PCT/CA00/00203)  
[87] 2000-09-08 (WO00/51646)  
[30] US (60/122,708) 1999-03-03

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[21] **2,362,306**  
[13] A1  
[51] **Int.Cl. 7A61K 31/7042 7A61P 35/00 7C07H 9/04 7C07H 15/04**  
[25] EN  
[54] **CHEMICAL COMPOUNDS**  
[54] **COMPOSES CHIMIQUES**  
[72] MOEN, VIDAR, NO  
[72] LARSEN, ROLF OLAF, NO  
[72] PETTERSEN, ERIK OLAI, NO  
[72] SAGVOLDEN, GEIR, NO  
[72] DUNSAED, CAMILLA BRUNO, NO  
[72] BORRETZEN, BERNT, NO  
[71] NORSK HYDRO ASA, NO  
[85] 2001-08-16  
[86] 2000-02-18 (PCT/NO00/00059)  
[87] 2000-08-24 (WO00/48609)  
[30] NO (19990814) 1999-02-19

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[21] **2,362,307**  
[13] A1  
[51] **Int.Cl. 7A61F 2/16**  
[25] EN  
[54] **ASYMMETRIC INTRAOCULAR LENS INJECTION CARTRIDGE**  
[54] **INJECTEUR ASYMETRIQUE POUR LENTILLE INTRA-OCULAIRE**  
[72] HEYMAN, THOMAS, US  
[72] BROWN, KYLE, US  
[71] ALCON LABORATORIES, INC., US  
[85] 2001-07-31  
[86] 2000-03-23 (PCT/US00/07770)  
[87] 2000-10-26 (WO00/62712)  
[30] US (09/294,643) 1999-04-19  
[30] US (09/411,420) 1999-10-01

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[21] **2,362,308**  
[13] A1  
[51] **Int.Cl. 7A61F 13/15**  
[25] EN  
[54] **SANITARY PAD FOR VARIABLE FLOW MANAGEMENT**  
[54] **PROTECTION HYGIENIQUE POUR GESTION DE FLUX VARIABLE**  
[72] EDENS, RONALD LEE, US  
[72] MACE, TAMARA LEE, US  
[72] MATELA, DAVID MICHAEL, US  
[72] HAMMONDS, YVETTE LYNN, US  
[72] SCHMIDT-FOERST, ALEXANDER MANFRED, DE  
[72] WALKER, LAURA JANE, US  
[72] DILNIK, REBECCA LYN, US  
[72] BRAVERMAN, JAIME, US  
[72] DALEY, MICHAEL ALLEN, US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2001-07-27  
[86] 2000-03-31 (PCT/US00/08805)  
[87] 2000-10-12 (WO00/59431)  
[30] US (60/127,685) 1999-04-03  
[30] US (09/500,503) 2000-02-09

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[21] **2,362,309**  
[13] A1  
[51] **Int.Cl. 7A61F 6/04 7A61F 6/00**  
[25] EN  
[54] **METHOD OF CONDOMS PACKING AND THE PACKING MADE ACCORDINGLY**  
[54] **PROCEDE D'EMBALLAGE DE PRESERVATIFS ET EMBALLAGE CORRESPONDANT**  
[72] STAVRULOV, IGOR ANATOLIEVICH, RU  
[71] STAVRULOV, IGOR ANATOLIEVICH, RU  
[85] 2001-08-13  
[86] 1999-11-03 (PCT/RU99/00411)  
[87] 2000-08-24 (WO00/48538)  
[30] RU (99102804) 1999-02-17

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[21] **2,362,310**  
[13] A1  
[51] **Int.Cl. 7B60R 9/10**  
[25] EN  
[54] **BICYCLE CARRIER**  
[54] **PORTE-BICYCLETES**  
[72] GEFFEN, NIR, IL  
[71] GEFFEN, NIR, IL  
[85] 2001-08-10  
[86] 1999-12-23 (PCT/IL99/00697)  
[87] 2000-08-17 (WO00/47450)  
[30] IL (128502) 1999-02-11  
[30] IL (131804) 1999-09-08

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[21] **2,362,311**  
[13] A1  
[51] **Int.Cl. 7H01S 3/10 7H01S 5/026**  
[25] EN  
[54] **A TUNABLE LASER SOURCE WITH AN INTEGRATED WAVELENGTH MONITOR AND METHOD OF OPERATING SAME**  
[54] **SOURCE LASER ACCORDABLE A SURVEILLANCE INTEGREE DE LA LONGUEUR D'ONDES, ET MODE DE MISE EN OEUVRE**  
[72] FISH, GREGORY, US  
[72] COLDREN, LARRY, US  
[72] MASON, THOMAS GORDON B., US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2001-08-24  
[86] 2000-02-29 (PCT/US00/05235)  
[87] 2000-09-08 (WO00/52789)  
[30] US (60/122,194) 1999-03-01

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[21] **2,362,314**  
[13] A1  
[51] **Int.Cl. 7A61L 15/60 7A61F 13/15**  
[25] EN  
[54] **SUPERABSORBENT-CONTAINING COMPOSITES**  
[54] **COMPOSITES CONTENANT DES SUBSTANCES SUPERABSORBANTES**  
[72] HANSEN, PATSY A., US  
[72] REEVES, WILLIAM G., US  
[72] HAMILTON, WENDY L., US  
[72] SOREBO, HEATHER A., US  
[72] LINDON, JACK N., US  
[72] DAMAY, EMMANUELLE C., US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2001-07-27  
[86] 2000-04-17 (PCT/US00/10324)  
[87] 2000-10-26 (WO00/62825)  
[30] US (60/129,744) 1999-04-16  
[30] US (09/545,156) 2000-04-07

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[21] **2,362,316**  
[13] A1  
[51] **Int.Cl. 7B65B 1/04 7B65B 31/00 7B65D 30/02 7B65B 43/26 7B65B 51/30**  
[25] EN  
[54] **SYSTEM FOR THE CONTAINED TRANSFER OF PARTICULATES**  
[54] **SYSTEME DE TRANSFERT CONTENU DE PARTICULES**  
[72] MCKEE, TONY R., US  
[72] BURNHAM, DAVID S., US  
[72] COHEE, DONALD R., US  
[72] DICKERSON, LEWIS R., US  
[72] LLOYD, STEVEN M., US  
[72] SCHEIR, CRAIG R., US  
[72] SANDY, CHARLES R., US  
[72] FOLKE, JOHN K., US  
[71] ILC DOVER, INC., DE  
[85] 2001-08-09  
[86] 2000-02-09 (PCT/US00/03311)  
[87] 2000-08-17 (WO00/47473)  
[30] US (60/119,455) 1999-02-10

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[21] **2,362,312**  
[13] A1  
[51] **Int.Cl. 7B01F 3/04 7F16K 33/00 7F16K 31/22**  
[25] EN  
[54] **AUTOMATIC FLUSH VALVE**  
[54] **ROBINET DE CHASSE AUTOMATIQUE**  
[72] DEBELLO, FREDERICK B., US  
[71] MUNTERS CORPORATION, US  
[85] 2001-07-27  
[86] 2000-04-10 (PCT/US00/09386)  
[87] 2000-10-26 (WO00/62912)  
[30] US (09/295,372) 1999-04-21

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[21] **2,362,315**  
[13] A1  
[51] **Int.Cl. 7A61M 31/00 7A61M 39/02 7A61M 25/06**  
[25] EN  
[54] **IMPLANTABLE DEVICE FOR ACCESS TO A TREATMENT SITE**  
[54] **DISPOSITIF IMPLANTABLE PERMETTANT L'ACCES A UN SITE DE TRAITEMENT**  
[72] THEEUWES, FELIX, US  
[72] GILLIS, EDWARD M., US  
[71] DURECT CORPORATION, US  
[85] 2001-08-20  
[86] 2000-02-29 (PCT/US00/05154)  
[87] 2000-09-14 (WO00/53253)  
[30] US (60/123,474) 1999-03-09  
[30] US (09/282,921) 1999-03-31

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[21] **2,362,317**  
[13] A1  
[51] **Int.Cl. 7B65D 3/02**  
[25] EN  
[54] **NON-ROUND COMPOSITE CONTAINER WITH INVERSE CURVATURE**  
[54] **CONTENANT COMPOSITE NON ROND AVEC COURBURE INVERSE**  
[72] GENDREAU, STEVE, US  
[72] LOWRY, JAMES W., US  
[71] SONOCO DEVELOPMENT, INC., US  
[85] 2001-07-25  
[86] 2000-04-28 (PCT/US00/11815)  
[87] 2000-11-09 (WO00/66438)  
[30] US (29/104,209) 1999-04-30

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[21] **2,362,313**  
[13] A1  
[51] **Int.Cl. 7A63B 71/04**  
[25] EN  
[54] **FLOOR GAME FOR TEAM BUILDING**  
[54] **JEU SUR PARQUET DEVELOPPANT L'ESPRIT D'EQUIPE**  
[72] YOUNG, JASON P., US  
[71] INTERFACE, INC., US  
[85] 2001-07-26  
[86] 2000-04-11 (PCT/US00/09754)  
[87] 2000-10-19 (WO00/61243)  
[30] US (09/289,881) 1999-04-12

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[21] **2,362,318**  
[13] A1  
[51] **Int.Cl. 7A61F 2/24**  
[25] EN  
[54] **HEART VALVE PROSTHESIS HAVING A PIVOT DESIGN FOR IMPROVING FLOW CHARACTERISTICS**  
[54] **VALVULE CARDIAQUE PROTHETIQUE A PIVOT POUR AMELIORER LES CARACTERISTIQUES D'ECOULEMENT**  
[72] GOURLEY, MONTI R., US  
[72] CAMPBELL, LOUIS A., US  
[71] SULZER CARBOMEDICS, INC., US  
[85] 2001-07-27  
[86] 2000-05-12 (PCT/US00/13027)  
[87] 2000-11-16 (WO00/67680)  
[30] US (09/310,801) 1999-05-12

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[21] **2,362,319**  
[13] A1  
[51] **Int.Cl. 7C07D 403/06 7A61P 43/00 7C07D 401/12 7C07D 403/12 7C07D 401/14 7C07D 403/14 7A61K 31/50 7C07D 233/54**  
[25] EN  
[54] **IMIDAZOLE COMPOUNDS AS HISTAMINE H3 LIGANDS**  
[54] **COMPOSES IMIDAZOLE SUBSTITUES PAR UN NOYAU HETEROCYCLIQUE A SIX OU SEPT MEMBRES RENFERMANT DEUX ATOMES D'AZOTE**  
[72] TOM, WING C., US  
[72] PIWINSKI, JOHN J., US  
[72] ASLANIAN, ROBERT G., US  
[72] SOLOMON, DANIEL M., US  
[72] VACCARO, WAYNE D., US  
[71] SCHERING CORPORATION, US  
[85] 2001-08-29  
[86] 2000-03-06 (PCT/US00/05897)  
[87] 2000-09-14 (WO00/53596)  
[30] US (09/264,615) 1999-03-08

[21] **2,362,320**  
[13] A1  
[51] **Int.Cl. 6C12N 15/11 6A01K 67/00 6C07K 14/00 6A61K 7/06 6A61K 39/395**  
[25] EN  
[54] **HUMAN HAIRLESS GENE, PROTEIN AND USES THEREOF**  
[54] **GENE DE LA CALVITIE CHEZ L'HOMME, PROTEINE ET UTILISATIONS ASSOCIEES**  
[72] CHRISTIANO, ANGELA M., US  
[71] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US  
[85] 2001-07-30  
[86] 1999-01-29 (PCT/US99/02128)  
[87] 1999-08-05 (WO99/38965)  
[30] US (60/073,043) 1998-01-29

[21] **2,362,321**  
[13] A1  
[51] **Int.Cl. 6H04L 9/32**  
[25] EN  
[54] **DIGITAL SIGNATURE PROVIDING NON-REPUDIATION BASED ON BIOLOGICAL INDICIA**  
[54] **SIGNATURE NUMERIQUE D'ACCEPTATION OBLIGATOIRE FONDEE SUR DES EMPREINTES BIOLOGIQUES**  
[72] PADGETT, ROBERT, D., US  
[72] MAXWELL, JOHN, C., III, US  
[71] COMMERCIAL ELECTRONICS,LLC, US  
[85] 2001-07-27  
[86] 1999-07-27 (PCT/US99/16909)  
[87] 2000-02-10 (WO00/07330)  
[30] US (09/123,793) 1998-07-28

[21] **2,362,322**  
[13] A1  
[51] **Int.Cl. 7A01M 1/00**  
[25] EN  
[54] **DEVICE FOR DISPENSING VOLATILE MATERIALS**  
[54] **DISPOSITIF DE DISTRIBUTION DE MATIERES VOLATILES**  
[72] FLASHINSKI, STANLEY J., US  
[72] LEONARD, STEPHEN B., US  
[72] MUNAGAVALASA, MURTHY S., US  
[72] VNUK, NANCY J., US  
[72] SHORT, MICHAEL E., US  
[72] HURRLE, DANIEL L., US  
[72] FORKNER, STACEY L., US  
[71] S.C. JOHNSON & SON, INC., US  
[85] 2001-08-16  
[86] 2000-02-10 (PCT/US00/03461)  
[87] 2000-08-24 (WO00/48460)  
[30] US (09/251,170) 1999-02-17  
[30] US (09/345,918) 1999-07-01

[21] **2,362,323**  
[13] A1  
[51] **Int.Cl. 7B65D 55/02 7F25D 5/02 7B65D 25/08 7A47J 36/28**  
[25] EN  
[54] **TAMPER EVIDENT CLOSURE**  
[54] **COUVERCLE INVOLABLE**  
[72] SEARLE, MATTHEW JOHN, GB  
[71] THERMOTIC DEVELOPMENTS LIMITED, GB  
[85] 2001-08-10  
[86] 2000-02-11 (PCT/GB00/00449)  
[87] 2000-08-17 (WO00/47489)  
[30] GB (9903244.3) 1999-02-12

[21] **2,362,324**  
[13] A1  
[51] **Int.Cl. 7A44C 5/10**  
[25] FR  
[54] **BRACELET COMPORTANT DES MAILLONS AMOVIBLES**  
[54] **WATCH BAND WITH REMOVABLE LINKS**  
[72] GREGUITCH, IVAN, CH  
[72] DUBOIS, ANTOINE, FR  
[71] TAG-HEUER S.A., CH  
[85] 2001-08-07  
[86] 2000-03-16 (PCT/CH00/00150)  
[87] 2000-11-09 (WO00/65948)  
[30] CH (786/99) 1999-04-29

[21] **2,362,325**  
[13] A1  
[51] **Int.Cl. 7B66B 5/04**  
[25] EN  
[54] **DEVICE FOR PREVENTING UNCONTROLLED ACCELERATION OF AN ELEVATOR CAR INSTALLED IN AN ELEVATOR INSTALLATION**  
[54] **DISPOSITIF DESTINE A EMPECHER L'ACCELERATION NON CONTROLEE DE LA CABINE D'UN ASCENSEUR**  
[72] LIEBIG, HARTMUT, DE  
[72] WATZKE, FRANZ, DE  
[71] INVENTIO AG, CH  
[85] 2001-08-07  
[86] 2000-02-09 (PCT/CH00/00070)  
[87] 2000-08-17 (WO00/47509)  
[30] DE (199 06 073.8) 1999-02-12

[21] **2,362,326**  
[13] A1  
[51] **Int.Cl. 7B66B 13/26**  
[25] EN  
[54] **OBSTRUCTION DETECTION SYSTEM**  
[54] **SYSTEME DE DETECTION D'OBSTRUCTION**  
[72] VISSCHEDIJK, HARRIE, NZ  
[72] BURKITT, DAVE, NZ  
[72] WATSON, RUSSELL, NZ  
[72] WOODHEAD, IAN, NZ  
[71] TL JONES LIMITED, NZ  
[85] 2001-08-13  
[86] 2000-02-11 (PCT/NZ00/00013)  
[87] 2000-08-17 (WO00/47511)  
[30] NZ (334144) 1999-02-11  
[30] NZ (502037) 1999-12-23

## PCT Applications Entering the National Phase

[21] **2,362,332**  
[13] A1

[51] **Int.Cl. 7A61B 18/26**  
[25] EN  
[54] **LASER LITHOTRIPSY DEVICE WITH SUCTION**  
[54] **DISPOSITIF DE LITHOTRIPIE EXTRA-CORPORELLE AU LASER AVEC ASPIRATION**  
[72] BOURNE, GEORGE, US  
[72] GODSHALL, DOUGLAS, US  
[72] GRASSO, MICHAEL III, US  
[72] LIU, CLIFFORD, US  
[72] TREMAGLIO, ANTHONY, US  
[71] SCIMED LIFE SYSTEMS, INC., US  
[85] 2001-07-25  
[86] 2000-02-18 (PCT/US00/04179)  
[87] 2000-08-24 (WO00/48525)  
[30] US (60/120,666) 1999-02-19

[21] **2,362,335**  
[13] A1

[51] **Int.Cl. 7B65D 51/24**  
[25] EN  
[54] **PORTABLE FOOD CONTAINER COVER WITH DETACHABLE UTENSIL**  
[54] **COUVERCLE DE RECIPIENT ALIMENTAIRE PORTATIF COMPRENANT UN USTENSILE**  
[72] DAUGHERTY, JOHN, US  
[72] WATSON, JAMES, US  
[72] DI MARIO, PAUL E., US  
[72] TORNIAINEN, PAUL M., US  
[72] LANDIS, GREGORY J., US  
[71] GENERAL MILLS INC., US  
[85] 2001-07-25  
[86] 2000-01-31 (PCT/US00/02006)  
[87] 2000-08-17 (WO00/47488)  
[30] US (09/249,401) 1999-02-12

[21] **2,362,340**  
[13] A1

[51] **Int.Cl. 7B41F 17/00 7B41F 17/08**  
[25] EN  
[54] **MANDREL CARRIER FOR HIGH SPEED CAN DECORATORS**  
[54] **SUPPORT DE MANDRIN POUR APPAREILS DE DECORATION DE BOITES METALLIQUES FONCTIONNANT A GRANDE VITESSE**  
[72] WILLIAMS, ROBERT, US  
[72] CHROBOCINSKI, CHESTER, US  
[71] SEQUA CORPORATION, US  
[85] 2001-08-01  
[86] 2000-02-01 (PCT/US00/02590)  
[87] 2000-08-17 (WO00/47415)  
[30] US (09/248,247) 1999-02-10

[21] **2,362,333**  
[13] A1

[51] **Int.Cl. 7B24B 3/33 7B24B 45/00 7B24D 7/10**  
[25] EN  
[54] **A GRINDING TOOL FOR GRINDING BUTTONS OF A ROCK DRILL BIT, A GRINDING CUP, A GRINDING SPINDLE AND A METHOD FOR MOUNTING THE GRINDING CUP ON A GRINDING SPINDLE**  
[54] **OUTIL DE RECTIFICATION POUR PASTILLES DE TREPAN POUR ROCHES, MEULE CUPULIFORME, BROCHE PORTE-MEULE, ET PROCEDE DE MONTAGE DE LA MEULE CUPULIFORME SUR UNE BROCHE PORTE-MEULE**  
[72] BERGQUIST, ARNE, SE  
[72] LINDGREN, GORAN, SE  
[71] SANDVIK AB, SE  
[85] 2001-08-01  
[86] 2000-02-01 (PCT/SE00/00190)  
[87] 2000-08-17 (WO00/47367)  
[30] SE (9900458-2) 1999-02-12

[21] **2,362,338**  
[13] A1

[51] **Int.Cl. 7A61K 31/337 7A61K 47/42 7A61K 47/48**  
[25] EN  
[54] **PHARMACEUTICALLY ACCEPTABLE COMPOSITION COMPRISING AN AQUEOUS SOLUTION OF PACLITAXEL AND ALBUMIN**  
[54] **COMPOSITION PHARMACEUTIQUEMENT ACCEPTABLE COMPRENANT UNE SOLUTION AQUEUSE DE PACLITAXEL ET D'ALBUMINE**  
[72] PETHO, GABOR, HU  
[72] KREMPELS, KRISZTINA, HU  
[72] PAAL, KRISZTINA, HU  
[72] KADIMA, TENSUK A., CA  
[72] KAPLAN, HOWARD A., CA  
[72] HEGEDUS, LAJOS, HU  
[72] TUTTLE, ROBERT C., CA  
[71] HUMAN RT., HU  
[85] 2001-07-20  
[86] 1999-07-29 (PCT/US99/17179)  
[87] 2000-02-10 (WO00/06152)  
[30] US (60/094,687) 1998-07-30

[21] **2,362,341**  
[13] A1

[51] **Int.Cl. 7A61K 7/16**  
[25] EN  
[54] **ACID RESISTANT FILM FORMING DENTAL COMPOSITION AND METHOD OF USE**  
[54] **COMPOSITION DENTAIRE FILMOGENE RESISTANT AUX ACIDES ET SON PROCEDE D'UTILISATION**  
[72] COX, CHARLES F., US  
[71] COX, CHARLES F., US  
[85] 2001-08-14  
[86] 2000-02-15 (PCT/US00/03854)  
[87] 2000-08-24 (WO00/48562)  
[30] US (09/250,443) 1999-02-16  
[30] US (UNKNOWN) 2000-02-11

[21] **2,362,342**  
[13] A1

[51] **Int.Cl. 7B65D 33/06 7B65D 85/22 7B65D 65/28**  
[25] EN  
[54] **BOIL-IN-BAG PACKAGE**  
[54] **CONDITIONNEMENT EN SACHET DE CUISSON**  
[72] O'BRIEN, EDWARD J., US  
[72] GAINNEY, SIMON R., US  
[72] SINGH, BALBIR, US  
[72] BLYTHE, DAVID A., US  
[72] HOLTEN, STEPHEN R., US  
[71] UNCLE BEN'S, INC., US  
[85] 2001-08-02  
[86] 2000-02-07 (PCT/US00/03154)  
[87] 2000-08-17 (WO00/47484)  
[30] US (09/248,865) 1999-02-11

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[21] **2,362,343**  
[13] A1

[51] **Int.Cl. 7A61K 7/48 7A61K 31/00 7A61K 31/19**  
[25] EN  
[54] **METHOD AND COMPOSITION FOR TREATING ACNE**  
[54] **PROCEDE ET COMPOSITION POUR TRAITER L'ACNE**  
[72] SEFTON, JOHN, US  
[71] ALLERGAN SALES, INC., US  
[85] 2001-08-03  
[86] 2000-02-15 (PCT/US00/03902)  
[87] 2000-08-24 (WO00/48567)  
[30] US (09/252,318) 1999-02-18

[21] **2,362,344**  
[13] A1

[51] **Int.Cl. 7A61K 33/42 7A61K 33/00 7A61K 31/135 7A61K 31/14 7A61K 33/14 7A61K 31/165 7A61K 31/195 7A61K 31/425 7A61K 31/70**  
[25] EN  
[54] **COMPOSITION FOR OPTIMIZING MUSCLE PERFORMANCE DURING EXERCISE**  
[54] **COMPOSITION POUR OPTIMISER LA PERFORMANCE MUSCULAIRE EN COURS D'EXERCICE**  
[72] PORTMAN, ROBERT, US  
[71] PACIFICHEALTH LABORATORIES, INC., US  
[85] 2001-07-27  
[86] 1999-11-11 (PCT/US99/26819)  
[87] 2000-05-18 (WO00/27408)  
[30] US (09/190,885) 1998-11-12

[21] **2,362,345**  
[13] A1

[51] **Int.Cl. 7B65D 33/30**  
[25] EN  
[54] **CONTAINERS WITH SNAP-ACTION CLOSURES**  
[54] **CONTENANTS POURVUS D'UNE FERMETURE INSTANTANEE**  
[72] BYERS, JAMES H., JR., US  
[71] BYERS, JAMES H., JR., US  
[85] 2001-07-26  
[86] 2000-02-09 (PCT/US00/03388)  
[87] 2000-08-17 (WO00/47485)  
[30] US (09/248,362) 1999-02-10

[21] **2,362,346**  
[13] A1

[51] **Int.Cl. 7A61K 6/00 7A61K 7/00 7A61K 47/00 7A01N 25/00 7A01N 25/08 7A01N 43/08 7A61K 9/20 7A61K 31/34**  
[25] EN  
[54] **NATURAL ANTIOXIDANT COMPOSITIONS, METHOD FOR OBTAINING SAME AND COSMETIC, PHARMACEUTICAL AND NUTRITIONAL FORMULATIONS THEREOF**  
[54] **COMPOSITIONS NATURELLES ANTIOXYDANTES, PROCEDE DE PREPARATION ET FORMULATIONS COSMETIQUES, PHARMACEUTIQUES ET NUTRITIONNELLES DESDITES COMPOSITIONS**  
[72] GHOSAL, SHIBNATH, IN  
[71] INDIAN HERBS RESEARCH & SUPPLY COMPANY LTD., IN  
[71] NATREON INC., US  
[85] 2001-08-16  
[86] 2000-02-16 (PCT/US00/04043)  
[87] 2000-08-24 (WO00/48551)  
[30] US (09/251,917) 1999-02-17  
[30] US (09/503,899) 2000-02-15

[21] **2,362,347**  
[13] A1

[51] **Int.Cl. 7B29D 29/08**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MAKING AN ENDLESS RUBBER TRACTOR TRACK**  
[54] **PROCEDE ET APPAREIL DE FABRICATION D'UNE CHENILLE DE TRACTEUR SANS FIN EN CAOUTCHOUC**  
[72] FIKE, LOUIS T., US  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[85] 2001-07-26  
[86] 1999-12-06 (PCT/US99/28849)  
[87] 2000-08-24 (WO00/48826)  
[30] US (09/253,328) 1999-02-19

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

[51] **Int.Cl. 7D21C 9/00 7A61L 15/00 7A61F 13/15**  
[25] EN  
[54] **FIBROUS STRUCTURES INCLUDING A FIBER BUNDLE AND A DEBONDING AGENT**  
[54] **STRUCTURES FIBREUSES COMPORTANT UN FAISCEAU DE FIBRES ET UN AGENT DE DISSOCIATION**  
[72] HAMILTON, WENDY L., US  
[72] LINDSAY, JEFFREY D., US  
[72] CHEN, FUNG-JOU, US  
[72] REEVES, WILLIAM G., US  
[72] SOREBO, HEATHER A., US  
[72] HANSEN, PATSY A., US  
[72] DAMAY, EMMANUELLE C., US  
[72] MAKOLIN, ROBERT J., US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2001-08-03  
[86] 2000-04-17 (PCT/US00/10320)  
[87] 2000-10-26 (WO00/63486)  
[30] US (60/129,746) 1999-04-16  
[30] US (09/547,754) 2000-04-12

[21] **2,362,349**  
[13] A1

[51] **Int.Cl. 7A61K 7/48**  
[25] EN  
[54] **LEAVE-ON COSMETIC COMPOSITIONS CONTAINING A CATIONIC POLYMER**  
[54] **COMPOSITIONS COSMETIQUES**  
[72] DUKE, ROLAND PHILIP, GB  
[72] ELLIOTT, RUSSELL PHILIP, GB  
[72] BELL, MICHAEL DAVID, GB  
[72] ROLLS, RICHARD GEORGE ALBERT, GB  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-08-13  
[86] 2000-02-17 (PCT/US00/04082)  
[87] 2000-08-24 (WO00/48555)  
[30] GB (9903925.7) 1999-02-19

## PCT Applications Entering the National Phase

[21] **2,362,350**  
[13] A1

[51] **Int.Cl. 7G06T 15/50**  
[25] EN  
[54] **GRAPHICS SYSTEM HAVING A SUPER-SAMPLED SAMPLE BUFFER WITH GENERATION OF OUTPUT PIXELS USING SELECTIVE ADJUSTMENT OF FILTERING FOR IMPLEMENTATION OF DISPLAY EFFECTS**  
[54] **SYSTEME GRAPHIQUE A TAMPON D'ECHANTILLONS SUPER-ECHANTILLONNE FOURNISSANT DES PIXELS DE SORTIE PAR AJUSTEMENT SELECTIF DE FILTRAGE POUR EFFETS DE PRESENTATION**  
[72] DEERING, MICHAEL F., US  
[71] SUN MICROSYSTEMS, INC., US  
[85] 2001-08-07  
[86] 2000-02-17 (PCT/US00/04114)  
[87] 2000-08-24 (WO00/49575)  
[30] US (09/251,453) 1999-02-17  
[30] US (09/413,040) 1999-10-06

[21] **2,362,351**  
[13] A1

[51] **Int.Cl. 7G06T 15/50**  
[25] EN  
[54] **GRAPHICS SYSTEM HAVING A SUPER-SAMPLED SAMPLE BUFFER WITH EFFICIENT STORAGE OF SAMPLE POSITION INFORMATION**  
[54] **SYSTEME GRAPHIQUE COMPRENANT UN TAMPON D'ECHANTILLONNAGE SUPER-ECHANTILLONNE BENEFICIAINT D'UN STOCKAGE EFFICACE DES INFORMATIONS DE POSITION DES ECHANTILLONS**  
[72] DEERING, MICHAEL F., US  
[71] SUN MICROSYSTEMS, INC., US  
[85] 2001-08-07  
[86] 2000-02-17 (PCT/US00/04147)  
[87] 2000-08-24 (WO00/49576)  
[30] US (09/251,453) 1999-02-17  
[30] US (09/413,106) 1999-10-06

[21] **2,362,352**  
[13] A1

[51] **Int.Cl. 7A61K 7/48**  
[25] EN  
[54] **COSMETIC COMPOSITIONS**  
[54] **COMPOSITIONS COSMETIQUES**  
[72] BELL, MICHAEL DAVID, GB  
[72] ROLLS, RICHARD GEORGE ALBERT, GB  
[72] ELLIOTT, RUSSELL PHILIP, GB  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-08-13  
[86] 2000-02-17 (PCT/US00/04083)  
[87] 2000-08-24 (WO00/48568)  
[30] EP (9903926.5) 1999-02-19

[21] **2,362,353**  
[13] A1

[51] **Int.Cl. 7G06T 15/50**  
[25] EN  
[54] **A GRAPHICS SYSTEM CONFIGURED TO PERFORM PARALLEL SAMPLE TO PIXEL CALCULATION**  
[54] **SYSTEME GRAPHIQUE CONFIGURE POUR EFFECTUER LE CALCUL ECHANTILLON-PIXEL EN PARALLELE**  
[72] NELSON, SCOTT R., US  
[72] DEERING, MICHAEL F., US  
[72] NAEGLE, NATHANIEL DAVID, US  
[71] SUN MICROSYSTEMS, INC., US  
[85] 2001-08-07  
[86] 2000-02-17 (PCT/US00/04148)  
[87] 2000-08-24 (WO00/49577)  
[30] US (09/251,844) 1999-02-17  
[30] US (09/472,940) 1999-12-27

[21] **2,362,354**  
[13] A1

[51] **Int.Cl. 7A61K 7/48**  
[25] EN  
[54] **COSMETIC COMPOSITIONS**  
[54] **COMPOSITIONS COSMETIQUES**  
[72] ROLLS, RICHARD GEORGE ALBERT, GB  
[72] ELLIOTT, RUSSELL PHILIP, GB  
[72] BELL, MICHAEL DAVID, GB  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-08-13  
[86] 2000-02-17 (PCT/US00/04084)  
[87] 2000-08-24 (WO00/48569)  
[30] EP (9903924.0) 1999-02-19

[21] **2,362,357**  
[13] A1

[51] **Int.Cl. 7A61B 5/12**  
[25] EN  
[54] **SYSTEM AND METHOD FOR PROCESSING LOW SIGNAL-TO-NOISE RATIO SIGNALS**  
[54] **SYSTEME ET PROCEDE DE TRAITEMENT DE SIGNAUX A FAIBLE RAPPORT SIGNAL-BRUIT**  
[72] LI, XINDE, CA  
[72] SOKOLOV, YURI, CA  
[72] KUNOV, HANS, CA  
[71] LI, XINDE, CA  
[71] SOKOLOV, YURI, CA  
[71] KUNOV, HANS, CA  
[85] 2001-05-07  
[86] 1999-11-08 (PCT/CA99/01055)  
[87] 2000-05-18 (WO00/27284)  
[30] US (60/107,571) 1998-11-09

[21] **2,362,358**  
[13] A1

[51] **Int.Cl. 7C02F 3/12 7C02F 1/28 7C02F 1/52**  
[25] EN  
[54] **PROCESS FOR THE REMOVAL OF SUSPENDED AND OTHER MATERIAL FROM WASTE WATER**  
[54] **PROCEDE PERMETTANT D'ELIMINER DES MATERIAUX EN SUSPENSION ET D'AUTRES MATERIAUX DES EAUX USEES**  
[72] COOKSEY, PETER A., AU  
[72] CHARUCKYJ, LEONID, AU  
[71] ZEOLITE AUSTRALIA LIMITED, AU  
[85] 2001-08-07  
[86] 2000-02-11 (PCT/AU00/00093)  
[87] 2000-08-17 (WO00/47525)  
[30] AU (PP 8608) 1999-02-11

[21] **2,362,359**  
[13] A1

[51] **Int.Cl. 7B62D 7/22 7B62D 5/12**  
[25] EN  
[54] **A VEHICLE STEERING SYSTEM**  
[54] **SYSTEME DE DIRECTION D'UN VEHICULE**  
[72] DICKERSON, ALAN WILLIAM, AU  
[71] LIEBHERR-AMERICA, INC., US  
[71] DICKERSON, ALAN WILLIAM, AU  
[85] 2001-08-16  
[86] 2000-02-11 (PCT/IB00/00548)  
[87] 2000-08-24 (WO00/48894)  
[30] AU (PP 8728) 1999-02-17

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[21] **2,362,361**  
[13] A1

[51] Int.Cl. 7A61K 31/5375 7A61K 31/133  
7A61K 31/137 7C07C 317/14 7C07D 265/  
32 7C07C 49/76 7C07C 49/807 7C07C 49/  
82

[25] EN

[54] BUPROPION METABOLITES AND  
METHODS OF THEIR SYNTHESIS AND  
USE

[54] METABOLITES DU BUPROPION  
ET LEURS PROCÉDES DE SYNTHÈSE  
ET D'UTILISATION

[72] MCCULLOUGH, JOHN R., US

[72] SENANAYAKE, CHRISANTHA H.,  
US

[72] JERUSSI, THOMAS P., US

[72] FANG, QUN K., US

[71] SEPRACOR INC., US

[85] 2001-08-16

[86] 2000-02-29 (PCT/US00/05109)

[87] 2000-09-08 (WO00/51546)

[30] US (60/122,277) 1999-03-01

[30] US (60/148,324) 1999-08-11

[30] US (09/510,241) 2000-02-22

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

[51] Int.Cl. 7G06T 15/50

[25] EN

[54] GRAPHICS SYSTEM HAVING A  
SUPER-SAMPLED SAMPLE BUFFER  
WITH GENERATION OF OUTPUT  
PIXELS USING SELECTIVE  
ADJUSTMENT OF FILTERING FOR  
REDUCED ARTIFACTS

[54] SYSTÈME GRAPHIQUE  
COMPRENANT UN TAMPON

D'ÉCHANTILLONNAGE SUPER-  
ÉCHANTILLONNE GÉNÉRANT DES  
PIXELS DE SORTIE AU MOYEN DE  
L'AJUSTEMENT SÉLECTIF DU  
FILTRAGE POUR PRODUIRE MOINS  
D'ARTEFACTS

[72] DEERING, MICHAEL F., US

[71] SUN MICROSYSTEMS, INC., US

[85] 2001-08-07

[86] 2000-02-17 (PCT/US00/04149)

[87] 2000-08-24 (WO00/49578)

[30] US (09/251,453) 1999-02-17

[30] US (09/413,104) 1999-10-06

[21] **2,362,363**  
[13] A1

[51] Int.Cl. 7C07D 239/94 7A61P 9/00  
7A61K 31/505

[25] EN

[54] SUBSTITUTED 4-AMINO-2-  
ARYLTETRAHYDROQUINAZOLINES,  
THEIR PREPARATION, THEIR USE  
AND PHARMACEUTICAL  
COMPOSITIONS COMPRISING THEM

[54] 4-AMINO-2-  
ARYLTETRAHYDROQUINAZOLINES  
SUBSTITUÉES, PRÉPARATION ET  
UTILISATION DE CES DERNIÈRES, ET  
COMPOSITIONS

PHARMACEUTIQUES LES  
COMPRENANT

[72] SCHINDLER, URSULA, DE

[72] SCHONAFINGER, KARL, DE

[72] STROBEL, HARTMUT, DE

[71] AVENTIS PHARMA DEUTSCHLAND  
GMBH, DE

[85] 2001-08-07

[86] 2000-01-22 (PCT/EP00/00468)

[87] 2000-08-10 (WO00/46214)

[30] DE (199 04 710.3) 1999-02-05

[21] **2,362,364**  
[13] A1

[51] Int.Cl. 7A61K 31/428 7A61P 3/04

[25] EN

[54] USE OF POLYCYCLIC THIAZOLE  
SYSTEMS FOR PRODUCING  
MEDICAMENTS FOR PREVENTING  
OR TREATING OBESITY

[54] UTILISATION DE SYSTÈMES DE  
THIAZOL POLYCYCLIQUES POUR LA  
PRODUCTION DE MÉDICAMENTS  
SERVANT À LA PROPHYLAXIE OU AU  
TRAITEMENT DE L'OBESITÉ

[72] JAEHNE, GERHARD, DE

[72] GEISEN, KARL, DE

[72] LANG, HANS-JOCHEN, DE

[72] BICKEL, MARTIN, DE

[71] AVENTIS PHARMA DEUTSCHLAND  
GMBH, DE

[85] 2001-08-22

[86] 2000-02-05 (PCT/EP00/00928)

[87] 2000-09-08 (WO00/51579)

[30] DE (199 08 535.8) 1999-02-26

[21] **2,362,365**  
[13] A1

[51] Int.Cl. 7C07C 209/88 7C07B 55/00  
7C07C 209/68

[25] EN

[54] METHOD FOR THE  
RACEMIZATION OF OPTICALLY  
ACTIVE AMINES

[54] PROCÉDE DE RACÉMISATION  
D'AMINES À ACTIVITÉ OPTIQUE

[72] NUBLING, CHRISTOPH, DE

[72] SIMON, JOACHIM, DE

[72] RIECHERS, HARTMUT, DE

[72] HOHN, ARTHUR, DE

[72] KRAMER, ANDREAS, DE

[72] FUNKE, FRANK, DE

[72] SIEGEL, WOLFGANG, DE

[71] BASF AKTIENGESELLSCHAFT, DE

[85] 2001-08-10

[86] 1999-05-10 (PCT/EP99/03189)

[87] 2000-08-17 (WO00/47545)

[30] DE (199 05 837.7) 1999-02-12

[21] **2,362,366**  
[13] A1

[51] Int.Cl. 7C08F 8/44

[25] EN

[54] AQUEOUS DISPERSION  
COMPOSITION AND  
MANUFACTURING METHOD FOR  
THE COMPOSITION

[54] COMPOSITION D'UNE  
DISPERSION AQUEUSE ET PROCÉDE  
DE FABRICATION DE CETTE  
COMPOSITION

[72] NAKATA, KAZUYUKI, JP

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

[85] 2001-08-07

[86] 2000-02-25 (PCT/US00/04754)

[87] 2000-08-31 (WO00/50473)

[30] JP (11/48872) 1999-02-25



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[21] **2,362,367**  
[13] A1  
[51] **Int.Cl. 7C12N 7/01 7A61K 48/00**  
**7A61P 35/00 7C12N 5/10 7C12N 9/12**  
**7C12N 15/54 7C12Q 1/70 7A61K 31/7088**  
**7A61K 35/76 7C12N 15/85**  
[25] EN  
[54] **TELOMERASE REVERSE**  
**TRANSCRIPTASE TRANSCRIPTIONAL**  
**REGULATORY SEQUENCES**  
[54] **SEQUENCES DE REGULATION**  
**TRANSCRIPTIONNELLE DE LA**  
**TRANSCRIPTASE INVERSE DE LA**  
**TELOMERASE**  
[72] LEBKOWSKI, JANE S., US  
[72] CARDOZA, LISA M., US  
[72] MORIN, GREGG B., US  
[72] LICHTSTEINER, SERGE, US  
[72] VASSEROT, ALAIN, US  
[72] ADAMS, ROBERT, US  
[71] GERON CORPORATION, US  
[85] 2001-09-04  
[86] 2000-02-04 (PCT/US00/03104)  
[87] 2000-08-10 (WO00/46355)  
[30] US (09/244,438) 1999-02-04

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[21] **2,362,368**  
[13] A1  
[51] **Int.Cl. 7G01N 33/68 7C07K 14/00**  
**7A61K 39/35 7C12N 15/82**  
[25] EN  
[54] **METHOD FOR ALTERING**  
**UNDESIRABLE IMMUNE RESPONSES**  
**TO POLYPEPTIDES**  
[54] **PROCEDE DE MODIFICATION**  
**DES REPOSES IMMUNES,**  
**INDESIRABLES, AUX POLYPEPTIDES**  
[72] CAPLAN, MICHAEL, US  
[71] PANACEA PHARMACEUTICALS,  
LLC, US  
[85] 2001-08-09  
[86] 2000-02-10 (PCT/US00/03448)  
[87] 2000-08-17 (WO00/47610)  
[30] US (09/247,406) 1999-02-10

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[21] **2,362,369**  
[13] A1  
[51] **Int.Cl. 7G01F 1/66 7B06B 1/06**  
[25] EN  
[54] **TRANSDUCER**  
**CONFIGURATIONS AND RELATED**  
**METHOD**  
[54] **CONFIGURATIONS D'UN**  
**TRANSDUCTEUR ET PROCEDE**  
**CORRESPONDANT**  
[72] LI, GUANG, US  
[71] M&FC HOLDING COMPANY, INC.,  
US  
[85] 2001-08-07  
[86] 2000-02-24 (PCT/US00/04751)  
[87] 2000-08-31 (WO00/50853)  
[30] US (09/258,475) 1999-02-26

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[21] **2,362,370**  
[13] A1  
[51] **Int.Cl. 7A61K 38/17 7A61K 39/00**  
**7A61K 48/00 7A61P 35/00 7C12N 15/12**  
**7C07K 16/28 7A61K 39/395 7G01N 33/68**  
**7C12Q 1/68 7C07K 14/705**  
[25] EN  
[54] **USE OF CASB616 POLYPEPTIDES**  
**AND POLYNUCLEOTIDES FOR**  
**CANCER TREATMENT**  
[54] **UTILISATION DE**  
**POLYNUCLEOTIDES ET DE**  
**POLYPEPTIDES CASB616 DANS LE**  
**TRAITEMENT DU CANCER**  
[72] VINALS Y DE BASSOLS, CARLOTA,  
BE  
[71] SMITHKLINE BEECHAM  
BIOLOGICALS S.A., BE  
[85] 2001-08-30  
[86] 2000-02-28 (PCT/EP00/01587)  
[87] 2000-09-14 (WO00/53216)  
[30] GB (9905124.5) 1999-03-05

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[21] **2,362,371**  
[13] A1  
[51] **Int.Cl. 7A61F 2/44**  
[25] EN  
[54] **INTERBODY SPINAL FUSION**  
**IMPLANT HAVING AN**  
**ANATOMICALLY CONFORMED**  
**TRAILING END**  
[54] **IMPLANT INTERVERTEBRAL DE**  
**FUSION DES VERTEBRES POURVU**  
**D'UNE EXTREMITE ARRIERE**  
**ANATOMIQUEMENT CONFORME**  
[72] MICHELSON, GARY K., US  
[71] MICHELSON, GARY K., US  
[85] 2001-08-07  
[86] 2000-03-03 (PCT/US00/05593)  
[87] 2000-09-08 (WO00/51529)  
[30] US (09/263,266) 1999-03-05

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[21] **2,362,372**  
[13] A1  
[51] **Int.Cl. 7C07C 311/03 7C07D 271/12**  
**7C07C 311/13 7C07C 311/15 7A61K 31/18**  
**7C07D 333/34 7C07D 277/36 7A61K 31/**  
**381 7A61K 31/4164 7A61K 31/4245**  
**7C07D 209/48 7C07D 233/84**  
[25] EN  
[54] **TYROSINE ALKOXYGUANIDINES**  
**AS INTEGRIN INHIBITORS**  
[54] **TYROSINE ALKOXYGUANIDINES**  
**EN TANT QU'INHIBITEURS DE**  
**L'INTEGRINE**  
[72] TOMCZUK, BRUCE E., US  
[72] LEE, YU KAI, US  
[71] 3-DIMENSIONAL  
PHARMACEUTICALS, INC., US  
[85] 2001-08-10  
[86] 2000-02-14 (PCT/US00/03791)  
[87] 2000-08-17 (WO00/47552)  
[30] US (60/119,864) 1999-02-12

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[21] **2,362,373**  
[13] A1  
[51] **Int.Cl. 7C07K 14/00 7C12N 15/10**  
**7C12N 15/62 7C07K 14/705**  
[25] EN  
[54] **POLYMERIC IMMUNOGLOBULIN**  
**RECEPTOR (PIGR)-BINDING**  
**DOMAINS AND METHODS OF USE**  
**THEREFOR**  
[54] **DOMAINES SE LIANT A UN**  
**RECEPTEUR POLYMERE**  
**D'IMMUNOGLOBULINE (PIGR), ET**  
**LEURS TECHNIQUES D'UTILISATION**  
[72] CAPRA, J. DONALD, US  
[72] HEXHAM, J. MARK, US  
[72] WHITE, KENDRA, US  
[72] MANDECKI, WLODECK, US  
[71] DGI BIOTECHNOLOGIES, US  
[71] BOARD OF REGENTS, THE  
UNIVERSITY OF TEXAS SYSTEM, US  
[71] OKLAHOMA MEDICAL RESEARCH  
FOUNDATION, US  
[85] 2001-08-13  
[86] 2000-02-11 (PCT/US00/03650)  
[87] 2000-08-17 (WO00/47611)  
[30] US (60/119,932) 1999-02-12

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[21] **2,362,374**  
[13] A1

[51] **Int.Cl. 7D01F 1/10 7A46D 1/00 7D01F 8/12 7D01F 6/60**  
[25] EN  
[54] **GLITTER CONTAINING FILAMENTS FOR USE IN BRUSHES**  
[54] **FILAMENTS SCINTILLANTS UTILISES DANS LES BROSSES**  
[72] RUFFIN, DAVID, JAMES, US  
[72] NELSON, CHARLES, FLETCHER, US  
[72] NEEDHAM, MICHAEL, CHRISTOPHER, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2001-08-07  
[86] 2000-03-02 (PCT/US00/05603)  
[87] 2000-09-21 (WO00/55401)  
[30] US (09/267,578) 1999-03-12

[21] **2,362,375**  
[13] A1

[51] **Int.Cl. 7C07C 311/46 7A61P 7/02 7A61K 31/18**  
[25] EN  
[54] **ALKENYL AND ALKYNYL COMPOUNDS AS INHIBITORS OF FACTOR XA**  
[54] **COMPOSES ALCENYLE ET ALKYNYLE INHIBITEURS DU FACTEUR XA**  
[72] SONG, YOUNGHONG, US  
[72] SCARBOROUGH, ROBERT M., US  
[72] ZHU, BING-YAN, US  
[71] COR THERAPEUTICS INC., US  
[85] 2001-08-10  
[86] 2000-02-11 (PCT/US00/03404)  
[87] 2000-08-17 (WO00/47553)  
[30] US (60/119,640) 1999-02-11

[21] **2,362,376**  
[13] A1

[51] **Int.Cl. 7A01K 63/04**  
[25] EN  
[54] **CROSS-FLOW TANK SYSTEM FOR AQUATIC LIFE**  
[54] **SYSTEME DE RESERVOIR A ECOULEMENT TRANSVERSAL POUR ANIMAUX AQUATIQUES**  
[72] CHEYNE, MATTHEW, AU  
[71] LIVE LINK AUSTRALIA PTY LTD, AU  
[85] 2001-08-07  
[86] 2000-06-30 (PCT/AU00/00800)  
[87] 2001-11-01 (WO01/01765)  
[30] AU (PQ 1295) 1999-06-30  
[30] AU (PQ 3753) 1999-10-29

[21] **2,362,377**  
[13] A1

[51] **Int.Cl. 7C12N 5/06 7A61P 35/00 7C12N 5/08 7A61K 35/14 7A61K 39/39**  
[25] EN  
[54] **MATURATION OF DENDRITIC CELLS WITH IMMUNE RESPONSE MODIFYING COMPOUNDS**  
[54] **MATURATION DE CELLULES DENDRITIQUES A L'AIDE DE COMPOSES MODIFIANT LA REPOSE IMMUNITAIRE**  
[72] AHONEN, CORY L., US  
[72] TOMAI, MARK A., US  
[72] VASILAKOS, JOHN P., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2001-08-09  
[86] 2000-01-12 (PCT/US00/00757)  
[87] 2000-08-17 (WO00/47719)  
[30] US (09/248,439) 1999-02-11

[21] **2,362,378**  
[13] A1

[51] **Int.Cl. 7C04B 20/10 7C08L 71/00 7C08J 3/20 7C04B 24/26 7C04B 24/32**  
[25] EN  
[54] **POWDERY POLYETHERCARBOXYLATE-BASED POLYMERIC COMPOSITIONS**  
[54] **COMPOSITIONS POLYMERES EN POUDRE A BASE DE POLYETHERCARBOXYLATES**  
[72] ALBRECHT, GERHARD, DE  
[72] LEITNER, HUBERT, AT  
[72] KERN, ALFRED, DE  
[72] WEICHMANN, JOSEF, DE  
[71] DEGUSSA CONSTRUCTION CHEMICALS GMBH, DE  
[85] 2001-08-07  
[86] 2000-02-08 (PCT/EP00/00999)  
[87] 2000-08-17 (WO00/47533)  
[30] DE (199 05 488.6) 1999-02-10

[21] **2,362,380**  
[13] A1

[51] **Int.Cl. 7C07C 323/60 7A61P 35/00 7C07D 333/24 7A61K 31/277 7C07D 207/32 7C07D 333/34 7A61K 31/341 7A61K 31/381 7A61K 31/40 7A61K 31/44 7C07D 307/54 7C07D 213/57**  
[25] EN  
[54] **AMINO-THIO-ACRYLONITRILES AS MEK INHIBITORS**  
[54] **AMINO-THIO-ACRYLONITRILES UTILISES COMME INHIBITEURS DES KINASES MEK**  
[72] HOBBS, FRANK W., US  
[71] DUPONT PHARMACEUTICALS COMPANY, US  
[85] 2001-08-07  
[86] 2000-03-15 (PCT/US00/07262)  
[87] 2000-09-28 (WO00/56706)  
[30] US (60/125,330) 1999-03-19

[21] **2,362,381**  
[13] A1

[51] **Int.Cl. 7C07D 207/337 7A61P 29/00 7A61P 43/00 7A61P 37/06 7C07D 491/113 7C07D 401/12 7C07D 405/12 7C07D 409/12 7C07D 413/12 7C07D 231/14 7C07D 401/14 7C07D 231/16 7C07D 231/22 7A61K 31/40 7A61K 31/415 7A61K 31/4155 7A61K 31/422 7A61K 31/438 7A61K 31/454 7A61K 31/496 7A61K 31/5355**  
[25] EN  
[54] **AMIDE COMPOUNDS AND MEDICINAL USE THEREOF**  
[54] **COMPOSES AMIDE ET LEUR UTILISATION MEDICINALE**  
[72] NAITO, YOUICHIRO, JP  
[72] NAKA, YOICHI, JP  
[72] SUGIYAMA, NAOKI, JP  
[72] KAWAGUCHI, TAKAFUMI, JP  
[72] USHIO, HIROYUKI, JP  
[72] ISHIBUCHI, SEIGO, JP  
[72] CHIBA, KENJI, JP  
[72] OHTSUKI, MAKIO, JP  
[71] WELFIDE CORPORATION, JP  
[85] 2001-08-09  
[86] 2000-02-10 (PCT/JP00/00767)  
[87] 2000-08-17 (WO00/47558)  
[30] JP (11/33367) 1999-02-10  
[30] JP (11/198473) 1999-07-13

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[21] **2,362,382**  
[13] A1

[51] **Int.Cl. 7A63H 3/28 7A63H 3/52**  
[25] EN  
[54] **NEW INTERACTIVE DRESS-UP DOLL**  
[54] **NOUVELLE POUP~E INTERACTIVE I HABILLER**  
[72] CHAN, ALBERT WAI TAI, CN  
[71] THINKING TECHNOLOGY INC., BS  
[85] 2001-08-07  
[86] 2001-01-04 (PCT/CA01/00012)  
[87] 2001-07-12 (WO01/49384)  
[30] CA (2,293,856) 2000-01-04  
[30] US (60/174,715) 2000-01-06  
[30] CA (2,298,287) 2000-02-05  
[30] US (60/200,377) 2000-04-28  
[30] CA (2,307,263) 2000-05-01  
[30] US (09/752,558) 2001-01-03

[21] **2,362,383**  
[13] A1

[51] **Int.Cl. 7C08K 5/16 7C08L 67/02 7C08G 63/88**  
[25] EN  
[54] **LOW EMISSION POLYMER COMPOSITIONS**  
[54] **COMPOSITIONS POLYMERES A FAIBLE TAUX D'EMISSION**  
[72] CHANG, JING CHUNG, US  
[72] KURIAN, JOSEPH VARAPADAVIL, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2001-08-07  
[86] 2000-03-02 (PCT/US00/05604)  
[87] 2000-10-05 (WO00/58393)  
[30] US (60/127,080) 1999-03-31  
[30] US (09/505,785) 2000-02-17

[21] **2,362,385**  
[13] A1

[51] **Int.Cl. 7C07D 253/06 7A61P 25/00 7C07D 273/04 7C07D 413/04 7C07D 285/18 7A61K 31/53 7A61K 31/5395 7A61K 31/549**  
[25] EN  
[54] **HETERODIAZINONE DERIVATIVES**  
[54] **DERIVES D'HETERODIAZINONE**  
[72] UENO, MASATAKA, JP  
[72] UENO, KOHSHI, JP  
[72] FUKUSHIMA, TATSUTO, JP  
[72] HANADA, TAKAHISA, JP  
[72] KAJIWARA, AKIHARU, JP  
[72] HATAKEYAMA, SHINJI, JP  
[72] KAWANO, KOKI, JP  
[72] ITO, KOICHI, JP  
[72] NAGATO, SATOSHI, JP  
[72] KITAZAWA, NORITAKA, JP  
[71] EISAI CO., LTD., JP  
[85] 2001-08-08  
[86] 2000-02-15 (PCT/JP00/00799)  
[87] 2000-08-17 (WO00/47567)  
[30] JP (11/36233) 1999-02-15

[21] **2,362,386**  
[13] A1

[51] **Int.Cl. 7B05C 17/005**  
[25] EN  
[54] **DEVICE FOR DISCHARGING FLOWABLE MATERIALS**  
[54] **APPAREIL POUR DISTRIBUER DES MATIERES COULANTES**  
[72] BEUSCHEL, MARTIN, DE  
[72] BRANDHORST, GERD, DE  
[72] WAGNER, INGO, DE  
[71] 3M ESPE AG, DE  
[85] 2001-06-21  
[86] 1999-12-22 (PCT/EP99/10316)  
[87] 2000-07-06 (WO00/38841)  
[30] DE (298 22 967.6) 1998-12-23

[21] **2,362,388**  
[13] A1

[51] **Int.Cl. 7A61K 7/48**  
[25] EN  
[54] **DERMATOLOGICAL TOPICAL COMPOSITION**  
[54] **COMPOSITION TOPIQUE DERMATOLOGIQUE**  
[72] NAKAYAMA, HIROKI, JP  
[71] PENTAPHARM AG, CH  
[85] 2001-08-30  
[86] 2000-03-24 (PCT/EP00/02629)  
[87] 2000-10-05 (WO00/57840)  
[30] JP (11/83961) 1999-03-26

[21] **2,362,391**  
[13] A1

[51] **Int.Cl. 7C04B 35/532 7B28B 3/20 7B28B 3/24 7B28B 3/26 7B28B 21/52 7C04B 35/83**  
[25] EN  
[54] **PROCESS AND DEVICE FOR PRODUCING COMPONENTS AND SEMI-FINISHED PRODUCTS FROM SYNTHETIC GRAPHITE OR CERAMIC GRANULES, IN PARTICULAR FOR PRODUCING GRAPHITE TUBES**  
[54] **DISPOSITIF ET PROCEDE POUR PRODUIRE DES COMPOSANTS, ET DES PRODUITS SEMI-FINI A PARTIR DE GRANULES DE CERAMIQUES OU DE GRAPHITE SYNTHETIQUE, PLUS PARTICULIEREMENT, DANS LA FABRICATION DE TUBES EN GRAPHITE**  
[72] KUENZEL, JUERGEN, DE  
[72] SCHMID, MANFRED, DE  
[72] MUELLER, HOLGER, DE  
[71] SGL TECHNIK GMBH, DE  
[85] 2001-09-04  
[86] 2000-11-24 (PCT/EP00/11751)  
[87] 2001-07-12 (WO01/49633)  
[30] DE (100 00 165.3) 2000-01-05

[21] **2,362,393**  
[13] A1

[51] **Int.Cl. 7H04L 1/18**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MANAGING POLLING REQUEST IN DATA COMMUNICATIONS**  
[54] **PROCEDE ET APPAREIL DE GESTION DE REQUETE D'APPEL SELECTIF POUR UNE TRANSMISSION DE DONNEES**  
[72] LARSSON, JOHAN, SE  
[72] ROOBOL, CHRISTIAAN, SE  
[72] JOHANSSON, MATHIAS, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-07-30  
[86] 2000-02-11 (PCT/SE00/00279)  
[87] 2000-08-24 (WO00/49761)  
[30] US (09/249,902) 1999-02-17

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<p style="text-align: right;">[21] <b>2,362,396</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E04G 13/02</b> [25] EN [54] <b>FORMWORK FOR CYLINDRICAL COLUMNS</b> [54] <b>COFFRAGE POUR COLONNES CYLINDRIQUES</b> [72] VALERO SALINAS, JOSÉ MANUEL, ES [71] VALERO SALINAS, JOSÉ MANUEL, ES [85] 2001-08-09 [86] 2000-12-28 (PCT/ES00/00496) [87] 2001-07-12 (WO01/49955) [30] ES (P 200000010) 2000-01-04 [30] ES (P 200001776) 2000-07-17 [30] ES (P 200002631) 2000-11-02</p>	<p style="text-align: right;">[21] <b>2,362,402</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08F 8/00 7A61L 15/00</b> [25] EN [54] <b>POWDERY, CROSS-LINKED POLYMERS WHICH ABSORB AQUEOUS LIQUIDS AND BLOOD, METHOD FOR THE PRODUCTION THEREOF AND THEIR USE</b> [54] <b>POLYMERES POUFREUX, RETICULES, ABSORBANT LES LIQUIDES AQUEUX ET LE SANG, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION</b> [72] MERTENS, RICHARD, DE [72] HARREN, JORG, DE [71] STOCKHAUSEN GMBH &amp; CO. KG, DE [85] 2001-08-28 [86] 2000-02-26 (PCT/EP00/01608) [87] 2000-09-14 (WO00/53644) [30] DE (199 09 838.7) 1999-03-05</p>	<p style="text-align: right;">[21] <b>2,362,404</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F42B 12/34</b> [25] EN [54] <b>CAPTIVE SOFT-POINT BULLET</b> [54] <b>BALLE DEMI-BLINDEE CAPTIVE</b> [72] PILARSKI, CRAIG S., US [72] BURCZYNSKI, THOMAS J., US [72] HEAD, LARRY P., US [71] FEDERAL CARTRIDGE COMPANY, US [85] 2001-08-23 [86] 1999-09-01 (PCT/US99/20042) [87] 2000-08-31 (WO00/50838) [30] US (09/256,861) 1999-02-24</p>
<p style="text-align: right;">[21] <b>2,362,397</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B65B 11/54</b> [25] EN [54] <b>IMPROVEMENTS TO MACHINES WRAPPING PRODUCTS WITH A STRETCH FILM</b> [54] <b>PERFECTIONNEMENTS INTRODUIES DANS DES MACHINES D'EMBALLAGE DE PRODUITS A L'AIDE DE FILM EXTENSIBLE</b> [72] ERRASTI IRIARTE, JOSU, ES [71] ULMA C Y E, S. COOP., ES [85] 2001-08-30 [86] 1999-12-31 (PCT/ES99/00416) [87] 2001-07-12 (WO01/49567)</p>	<p style="text-align: right;">[21] <b>2,362,403</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F16L 5/00 6B42F 13/00 6E04F 19/00 6F16L 55/00 6H02G 3/04 6F16L 11/12 6F16L 9/18 6E04C 2/52</b> [25] EN [54] <b>SUPPLY LINE ALIGNMENT APPARATUS FOR SUPPLY COLUMN</b> [54] <b>APPAREIL D'ALIGNEMENT DE LIGNES D'ALIMENTATION POUR COLONNE D'ALIMENTATION</b> [72] FULLENKAMP, JAY E., US [72] BLANFORD, DONALD E., US [72] RICKS, THOMAS L., US [72] STAROST, REINHARD, US [72] SMITH, BRUCE W., US [72] STEIN, THOMAS A., US [72] GROTE, JAMES N., US [71] HILL-ROM SERVICES, INC, US [85] 2001-08-28 [86] 1999-07-23 (PCT/US99/16268) [87] 2001-02-01 (WO01/07814)</p>	<p style="text-align: right;">[21] <b>2,362,405</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B65H 29/60</b> [25] EN [54] <b>SHEET TURNOVER MECHANISM</b> [54] <b>MECANISME DE ROTATION POUR FEUILLES</b> [72] BAKOLEDIS, ANDREW G., US [71] GBR SYSTEMS CORPORATION, US [85] 2001-08-13 [86] 1999-11-05 (PCT/US99/25980) [87] 2000-12-28 (WO00/78656) [30] US (09/336,561) 1999-06-21</p>
<p style="text-align: right;">[21] <b>2,362,399</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E04H 15/18 7E04H 15/40</b> [25] EN [54] <b>MODULAR TENT</b> [54] <b>TENTE MODULAIRE</b> [72] BOULANGE, DAVID, FR [71] DECATHLON, FR [85] 2001-08-30 [86] 2000-12-22 (PCT/FR00/03671) [87] 2001-07-12 (WO01/49958) [30] FR (99/16859) 1999-12-31</p>	<p style="text-align: right;">[21] <b>2,362,408</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01R 33/02 7G01V 3/08</b> [25] EN [54] <b>BIOMAGNETIC DETECTING AND IMAGING DEVICE</b> [54] <b>DISPOSITIF DE DETECTION ET D'IMAGERIE UTILISANT LE BIOMAGNETISME</b> [72] HERRON, ALLEN RAY, US [71] HERRON, ALLEN RAY, US [85] 2001-08-13 [86] 2000-02-18 (PCT/US00/04190) [87] 2000-08-31 (WO00/50911) [30] US (60/103,302) 1999-02-22</p>	

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[13] A1  
[51] **Int.Cl. 7C07D 498/18 7C07D 209/00 7C07D 211/00 7C07D 273/00 7C07D 311/00 7A61P 37/00 7A61K 31/407 7A61K 31/4353**  
[25] EN  
[54] **SULFAMATE CONTAINING MACROCYCLIC IMMUNOMODULATORS**  
[54] **SULFAMATE CONTENANT DES IMMUNOMODULATEURS MACROCYCLIQUES**  
[72] KAWAI, MEGUMI, US  
[72] GUNAWARDANA, INDRANI W., US  
[71] ABBOTT LABORATORIES, US  
[85] 2001-08-17  
[86] 2000-03-23 (PCT/US00/07641)  
[87] 2000-10-05 (WO00/58314)  
[30] US (09/282,686) 1999-03-31

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[21] **2,362,410**  
[13] A1  
[51] **Int.Cl. 7C08F 8/44**  
[25] EN  
[54] **PROCESS FOR PRODUCING CROSS-LINKED POLYALLYLAMINE HYDROCHLORIDE**  
[54] **PROCEDE DE PRODUCTION DE CHLORHYDRATE DE POLYALLYLAMINE CROISE**  
[72] BARKALOW, JUFANG H., US  
[72] KLIX, RUSSELL C., US  
[72] MONTE, WILLIAM T., US  
[71] ABBOTT LABORATORIES, US  
[85] 2001-08-23  
[86] 2000-04-14 (PCT/US00/10167)  
[87] 2000-10-26 (WO00/63259)  
[30] US (09/293,551) 1999-04-16

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[21] **2,362,411**  
[13] A1  
[51] **Int.Cl. 7A61P 25/00 7A61K 31/4192**  
[25] EN  
[54] **USE OF FLUORINATED TRIAZOLES FOR TREATING PAIN AND AFFECTIVE OR ATTENTION DISORDERS**  
[54] **UTILISATIONS DE TRIAZOLES FLUORES**  
[72] SCHMUTZ, MARKUS, CH  
[71] NOVARTIS AG, CH  
[85] 2001-08-13  
[86] 2000-02-28 (PCT/EP00/01626)  
[87] 2000-09-08 (WO00/51577)  
[30] US (09/259,911) 1999-03-01  
[30] US (09/259,910) 1999-03-01

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[21] **2,362,412**  
[13] A1  
[51] **Int.Cl. 7B01L 3/00 7B01J 19/00 7G01N 33/50 7C12Q 1/68**  
[25] FR  
[54] **APPAREIL PERMETTANT EN SON SEIN LE TRANSFERT DE LIQUIDES PAR CAPILLARITE**  
[54] **APPARATUS ENABLING LIQUID TRANSFER BY CAPILLARY ACTION THEREIN**  
[72] COLIN, BRUNO, FR  
[72] PRIVAT, MARIE, FR  
[71] BIOMERIEUX S.A., FR  
[85] 2001-08-17  
[86] 2000-03-09 (PCT/FR00/00581)  
[87] 2000-09-14 (WO00/53321)  
[30] FR (99/03034) 1999-03-09

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[21] **2,362,413**  
[13] A1  
[51] **Int.Cl. 7C11D 11/00 7C11D 3/02 7C11D 17/06 7C11D 3/10**  
[25] EN  
[54] **PROCESS FOR PRODUCING COATED DETERGENT PARTICLES**  
[54] **PROCEDE DE PRODUCTION DE PARTICULES DE DETERGENT ENROBEES**  
[72] MORT, PAUL R., III, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-08-28  
[86] 2000-03-08 (PCT/US00/05983)  
[87] 2000-09-14 (WO00/53714)  
[30] US (60/123,443) 1999-03-09  
[30] US (60/127,772) 1999-04-05

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[21] **2,362,415**  
[13] A1  
[51] **Int.Cl. 7H01Q 7/00 7H01Q 1/22**  
[25] FR  
[54] **ANTENNE DE COUPLAGE A CAPACITE VARIABLE**  
[54] **VARIABLE CAPACITANCE COUPLING ANTENNA**  
[72] MATHIEU, CHRISTOPHE, FR  
[71] ASK S.A., FR  
[85] 2001-08-10  
[86] 2001-01-02 (PCT/FR01/00010)  
[87] 2001-07-12 (WO01/50547)  
[30] FR (00/00209) 2000-01-03

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[21] **2,362,416**  
[13] A1  
[51] **Int.Cl. 7G06F 17/30**  
[25] EN  
[54] **KEYWORD EXTRACTING DEVICE**  
[54] **DISPOSITIF D'EXTRACTION D'UN MOT-CLE**  
[72] KONAKA, HIROKI, JP  
[71] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[85] 2001-08-15  
[86] 2000-08-14 (PCT/JP00/05433)  
[87] 2001-07-12 (WO01/50343)  
[30] JP (2000/382) 2000-01-05

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[21] **2,362,418**  
[13] A1  
[51] **Int.Cl. 7H04J 3/04**  
[25] EN  
[54] **MULTI-CARRIER CDMA TRANSMISSION SYSTEM SIGNAL FORMAT**  
[54] **FORMAT DE SIGNAL DANS UN SYSTEME DE TRANSMISSION AMRC MULTIPORTEUSE**  
[72] SAWAHASHI, MAMORU, JP  
[72] ATARASHI, HIROYUKI, JP  
[72] ABETA, SADAYUKI, JP  
[71] NTT DOCOMO, INC., JP  
[85] 2001-09-04  
[86] 2000-12-27 (PCT/JP00/09315)  
[87] 2001-07-12 (WO01/50655)  
[30] JP (2000/543) 2000-01-05

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[21] **2,362,419**  
[13] A1  
[51] **Int.Cl. 7H04B 7/26**  
[25] EN  
[54] **DATA TRANSMITTING METHOD IN A CDMA SYSTEM**  
[54] **PROCEDE DE TRANSMISSION DE DONNEES DANS UN SYSTEME AMRC**  
[72] LEE, SUNG-WON, KR  
[72] KOO, CHANG-HOI, KR  
[72] KIM, DAE-GYUN, KR  
[72] LEE, HYUN-SEOK, KR  
[72] CHANG, HOON, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2001-08-27  
[86] 2000-12-29 (PCT/KR00/01563)  
[87] 2001-07-12 (WO01/50637)  
[30] KR (1999/64544) 1999-12-29

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[21] **2,362,420**  
[13] A1

[51] **Int.Cl. 7H04B 7/26**  
[25] EN  
[54] **APPARATUS AND METHOD FOR DESIGNATING FRAME OFFSET OF SUPPLEMENTAL CHANNEL IN A CDMA COMMUNICATION SYSTEM**  
[54] **APPAREIL ET PROCEDE PERMETTANT DE DESIGNER UN DECALAGE DE TRAME POUR VOIE SUPPLEMENTAIRE DANS UN SYSTEME DE COMMUNICATION AMRC**  
[72] KIM, DAE-GYUN, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2001-08-28  
[86] 2001-01-03 (PCT/KR01/00007)  
[87] 2001-07-12 (WO01/50638)  
[30] KR (2000/88) 2000-01-03  
[30] KR (2000/525) 2000-01-06  
[30] KR (2000/1250) 2000-01-06  
[30] KR (2000/2273) 2000-01-18

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[21] **2,362,421**  
[13] A1

[51] **Int.Cl. 7H04Q 7/36 7H04Q 7/34**  
[25] EN  
[54] **GRADUAL FREQUENCY PLAN REVISION METHODOLOGY**  
[54] **METHODOLOGIE DE REVISION GRADUELLE D'UN PLAN DE FREQUENCE**  
[72] DUFOUR, DANIEL, CA  
[72] LABONTE, SYLVAIN, CA  
[72] SAMMOUR, MOHAMMED, CA  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-08-27  
[86] 2000-12-19 (PCT/SE00/02584)  
[87] 2001-07-12 (WO01/50797)  
[30] US (09/476,409) 1999-12-30

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[21] **2,362,423**  
[13] A1

[51] **Int.Cl. 7C07H 21/04 7C12P 21/02 7C12N 15/12 7C12N 1/21 7C07K 14/47 7C12N 15/64**  
[25] EN  
[54] **47 HUMAN SECRETED PROTEINS**  
[54] **47 PROTEINES HUMAINES SECRETEES**  
[72] RUBEN, STEVEN M., US  
[72] EBNER, REINHARD, US  
[72] ROSEN, CRAIG A., US  
[72] ENDRESS, GREGORY A., US  
[72] FLORENCE, KIMBERLY, US  
[72] NI, JIAN, US  
[72] MOORE, PAUL A., US  
[72] SHI, YANGGU, US  
[72] DUAN, D. ROXANNE, US  
[72] LAFLEUR, DAVID W., US  
[72] SOPPET, DANIEL R., US  
[72] OLSEN, HENRIK S., US  
[71] HUMAN GENOME SCIENCES, INC., US  
[85] 2001-06-15  
[86] 1999-12-16 (PCT/US99/29950)  
[87] 2000-06-22 (WO00/35937)  
[30] US (60/112,809) 1998-12-17  
[30] US (60/113,006) 1998-12-18

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[21] **2,362,424**  
[13] A1

[51] **Int.Cl. 7A61M 5/14 7A61M 5/168 7A61M 5/44**  
[25] EN  
[54] **BLOODLESS TREATING DEVICE**  
[54] **DISPOSITIF DE TRAITEMENT SANS PERFUSION**  
[72] OHTA, TOMIO, JP  
[72] KINOSHITA, YOSHIHIKO, JP  
[72] MIYATAKE, TETSUYA, JP  
[71] OHTA, TOMIO, JP  
[71] NIKKISO CO., LTD., JP  
[85] 2001-08-08  
[86] 2000-02-09 (PCT/JP00/00696)  
[87] 2000-08-17 (WO00/47251)  
[30] JP (11/32631) 1999-02-10

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[21] **2,362,425**  
[13] A1

[51] **Int.Cl. 7A61M 5/14 7A61M 5/168 7A61M 5/44**  
[25] EN  
[54] **CANCER THERAPEUTIC AGENT SUPPLY DEVICE**  
[54] **DISPOSITIF D'INJECTION D'AGENT THERAPEUTIQUE ANTICANCEREUX**  
[72] OHTA, TOMIO, JP  
[72] KINOSHITA, YOSHIHIKO, JP  
[72] MIYATAKE, TETSUYA, JP  
[71] OHTA, TOMIO, JP  
[71] NIKKISO CO., LTD., JP  
[85] 2001-08-08  
[86] 2000-02-09 (PCT/JP00/00707)  
[87] 2000-08-17 (WO00/47252)  
[30] JP (11/32627) 1999-02-10

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[21] **2,362,426**  
[13] A1

[51] **Int.Cl. 7A61K 45/00 7A61P 35/00**  
[25] EN  
[54] **ANTICANCER DRUG ENHANCER**  
[54] **RENFORCATEUR POUR MEDICAMENTS ANTICANCEREUX**  
[72] TOMIDA, AKIHIRO, JP  
[72] OGISO, YASUNARI, JP  
[72] TSURUO, TAKASHI, JP  
[72] OMURA, SATOSHI, JP  
[71] NIPPON KAYAKU KABUSHIKI KAISHA, JP  
[71] THE KITASATO INSTITUTE, JP  
[71] TSURUO, TAKASHI, JP  
[85] 2001-08-09  
[86] 2000-02-10 (PCT/JP00/00741)  
[87] 2000-08-17 (WO00/47230)  
[30] JP (11/33008) 1999-02-10

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[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 38/17 7C07K 16/18 7C07K 14/47 7G01N 33/53 7C12N 15/62 7C12Q 1/68**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR THE TREATMENT OF IMMUNE RELATED DISEASES**  
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DES MALADIES IMMUNITAIRES**  
[72] PENNICA, DIANE, US  
[72] BAKER, KEVIN P., US  
[72] GODDARD, AUDREY, US  
[72] ASHKENAZI, AVI J., US  
[72] SMITH, VICTORIA, US  
[72] SHELTON, DAVID L., US  
[72] TUMAS, DANIEL, US  
[72] STEWART, TIMOTHY A., US  
[72] PAN, JAMES, US  
[72] LU, YANMEI, US  
[72] KABAKOFF, RHONA C., US  
[72] YAN, MINHONG, US  
[72] WOOD, WILLIAM I., US  
[72] WATANABE, COLIN K., US  
[72] HENZEL, WILLIAM, US  
[72] GURNEY, AUSTIN L., US  
[72] HEBERT, CAROLINE, US  
[71] GENENTECH, INC., US  
[85] 2001-08-17  
[86] 2000-03-02 (PCT/US00/05841)  
[87] 2000-09-14 (WO00/53758)  
[30] US (PCT/US99/05028) 1999-03-08  
[30] US (60/123,618) 1999-03-10  
[30] US (60/123,957) 1999-03-12  
[30] US (60/125,775) 1999-03-23  
[30] US (60/128,849) 1999-04-12  
[30] US (PCT/US99/08615) 1999-04-20  
[30] US (60/131,445) 1999-04-28  
[30] US (60/132,371) 1999-05-04  
[30] US (60/134,287) 1999-05-14  
[30] US (PCT/US99/12252) 1999-06-02  
[30] US (60/141,037) 1999-06-23  
[30] US (60/144,758) 1999-07-20  
[30] US (60/145,698) 1999-07-26  
[30] US (60/146,222) 1999-07-28  
[30] US (PCT/US99/20111) 1999-09-01  
[30] US (PCT/US99/20594) 1999-09-08  
[30] US (PCT/US99/20944) 1999-09-13  
[30] US (PCT/US99/21090) 1999-09-15  
[30] US (PCT/US99/21547) 1999-09-15  
[30] US (PCT/US99/23089) 1999-10-05  
[30] US (60/162,506) 1999-10-29  
[30] US (PCT/US99/28214) 1999-11-29  
[30] US (PCT/US99/28313) 1999-11-30  
[30] US (PCT/US99/28409) 1999-11-30  
[30] US (PCT/US99/28301) 1999-12-01  
[30] US (PCT/US99/28634) 1999-12-01  
[30] US (PCT/US99/28551) 1999-12-02  
[30] US (PCT/US99/28564) 1999-12-02  
[30] US (PCT/US99/28565) 1999-12-02  
[30] US (PCT/US99/30095) 1999-12-16  
[30] US (PCT/US99/30999) 1999-12-20  
[30] US (PCT/US99/31274) 1999-12-30

[30] US (PCT/US00/00219) 2000-01-05  
[30] US (PCT/US00/00277) 2000-01-06  
[30] US (PCT/US00/00376) 2000-01-06  
[30] US (PCT/US00/03565) 2000-02-11  
[30] US (PCT/US00/04341) 2000-02-18  
[30] US (PCT/US00/04342) 2000-02-18  
[30] US (PCT/US00/04414) 2000-02-22

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[21] **2,362,428**  
[13] A1

[51] **Int.Cl. 7H01L 23/60 7H01L 27/02**  
[25] EN  
[54] **ELECTROSTATIC DISCHARGE PROTECTION OF INTEGRATED CIRCUITS**  
[54] **PROTECTION DE CIRCUITS INTEGRES CONTRE LA DECHARGE ELECTROSTATIQUE**  
[72] PETTERSSON, OLA, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-08-08  
[86] 2000-02-09 (PCT/SE00/00257)  
[87] 2000-08-17 (WO00/48252)  
[30] SE (9900439-2) 1999-02-09

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[21] **2,362,430**  
[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **SYSTEM FOR ENABLING SMALLER INVESTOR TO MANAGE RISK**  
[54] **SYSTEME PERMETTANT A DES PETITS INVESTISSEURS DE GERER DES RISQUES**  
[72] WALLMAN, STEVEN M. H., US  
[71] FOLIOFN, INC., US  
[85] 2001-08-09  
[86] 2000-01-13 (PCT/US00/00732)  
[87] 2000-08-17 (WO00/48111)  
[30] US (09/249,022) 1999-02-12

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[21] **2,362,431**  
[13] A1

[51] **Int.Cl. 7C12N 15/82 7C07K 14/01 7C12N 15/34**  
[25] EN  
[54] **METHODS OF USING VIRAL REPLICASE**  
[54] **METHODES D'UTILISATION D'UNE REPLICASE VIRALE**  
[72] HOERSTER, GEORGE J., US  
[72] LARKINS, BRIAN A., US  
[72] BURNETT, RONALD, US  
[72] DILKES, BRIAN R., US  
[72] GREGORY, CAROLYN A., US  
[72] LOWE, KEITH S., US  
[72] GORDON-KAMM, WILLIAM J., US  
[71] PIONEER HI-BRED INTERNATIONAL, INC., US  
[71] THE ARIZONA BOARD OF REGENTS (ON BEHALF OF THE UNIVERSITY OF ARIZONA), US  
[85] 2001-09-12  
[86] 2000-03-09 (PCT/US00/06163)  
[87] 2000-09-14 (WO00/53784)  
[30] US (60/124,136) 1999-03-12

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[21] **2,362,432**  
[13] A1

[51] **Int.Cl. 7B27B 27/00**  
[25] EN  
[54] **DEVICE FOR DISPLACING TIMBER PIECES**  
[54] **INSTALLATION DESTINEE AU DEPLACEMENT DU BOIS D'OEUVRE**  
[72] JOHANSSON, JAN, SE  
[71] RENHOLMENS MEKANISKA VERKSTAD AB, SE  
[85] 2001-08-13  
[86] 2000-01-21 (PCT/SE00/00127)  
[87] 2000-08-17 (WO00/47379)  
[30] SE (9900493-9) 1999-02-15

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[21] **2,362,433**  
[13] A1

[51] **Int.Cl. 7H04L 29/12 7H04L 12/44**  
[25] EN  
[54] **NETWORK ADDRESSING BASED ON THE PORT OF A NETWORK SWITCH**  
[54] **ADRESSAGE DE RESEAU EN FONCTION DU PORT D'UN COMMUTATEUR DE RESEAU**  
[72] BAKER, RICHARD A., US  
[72] DUBE, DENNIS J. W., US  
[71] SCHNEIDER AUTOMATION INC., US  
[85] 2001-08-30  
[86] 2000-12-07 (PCT/US00/33188)  
[87] 2001-07-12 (WO01/50711)  
[30] US (09/476,052) 1999-12-31

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<p style="text-align: right;">[21] <b>2,362,434</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B22D 11/06</b> [25] EN [54] <b>CONTINUOUS SPIN MELT CASTING OF MATERIALS</b> [54] <b>MOULAGE CONTINU DE MATIERES PAR FUSION ET CENTRIFUGATION</b> [72] GANZA, NIKOLAI ALEKEYEVICH, RU [72] YOUNG, ROSA, US [72] ILJENKO, EVGENY VLADIMIROVICH, RU [72] IM, JUN SU, US [72] HODYREV, BORIS AFANASYEVICH, RU [72] RODCHENKOV, NIKOLAI VASILYEVICH, RU [72] LOSITSKIY, ANATOLY FRANTSEVICH, RU [72] LYBNIN, VIKTOR ARKADYEVICH, RU [72] MJASNIKOV, VITALY VASILYEVICH, RU [72] OVSHINSKY, STANFORD R., US [71] ENERGY CONVERSION DEVICES, INC., US [85] 2001-08-09 [86] 2000-01-11 (PCT/US00/00685) [87] 2000-08-17 (WO00/47351) [30] US (09/248,502) 1999-02-09</p>	<p style="text-align: right;">[21] <b>2,362,436</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G09F 3/00</b> [25] EN [54] <b>ROTATABLE LABEL SYSTEM INCLUDING TAMPER-EVIDENT FEATURE AND METHOD FOR CONSTRUCTING SAME</b> [54] <b>SYSTEME D'ETIQUETTE ROTATIVE COMPRENANT UN DISPOSITIF INVOLABLE ET PROCEDE DE CONSTRUCTION DE CE SYSTEME</b> [72] KEY, STEPHEN, US [71] STEPHEN KEY DESIGN, LLC, US [85] 2001-08-08 [86] 2000-02-04 (PCT/US00/02875) [87] 2000-08-17 (WO00/48161) [30] US (09/247,245) 1999-02-09</p>	<p style="text-align: right;">[21] <b>2,362,440</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/53 7A01H 5/00 7A23L 1/00 7C12N 9/02 7A01H 5/10 7C12N 5/10 7C12N 15/11 7C12N 15/82</b> [25] EN [54] <b>GENETIC MANIPULATION OF ISOFLAVONOIDS</b> [54] <b>MANIPULATION GENETIQUE D'ISOFLAVONO-DES</b> [72] DIXON, RICHARD A., US [72] STEELE, CHRISTOPHER L., US [71] THE SAMUEL ROBERTS NOBLE FOUNDATION, INC., US [85] 2001-09-05 [86] 2000-03-08 (PCT/US00/05915) [87] 2000-09-14 (WO00/53771) [30] US (60/123,267) 1999-03-08</p>
<p style="text-align: right;">[21] <b>2,362,435</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04L 12/00</b> [25] EN [54] <b>ETHERNET TRANSFER DEVICE WITH AN EMBEDDED PROGRAMMABLE LOGIC CONTROLLER</b> [54] <b>DISPOSITIF DE TRANSFERT ETHERNET DOTE D'UN AUTOMATE LOGIQUE PROGRAMMABLE INCORPORE</b> [72] MARBACH, ALAIN, US [72] BAKER, RICHARD A., US [71] SCHNEIDER AUTOMATION INC., US [85] 2001-08-30 [86] 2000-12-07 (PCT/US00/33189) [87] 2001-07-12 (WO01/50678) [30] US (09/477,108) 1999-12-31</p>	<p style="text-align: right;">[21] <b>2,362,437</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04L 29/00</b> [25] EN [54] <b>DUAL ETHERNET STACK FOR MAXIMUM SPEED ACCESS TO A PLC</b> [54] <b>DOUBLE PILE ETHERNET DESTINEE A UN ACCES A VITESSE MAXIMALE A UNE COMMANDE LOGIQUE PROGRAMMABLE</b> [72] TANZMAN, ALLAN, US [72] NAISMITH, RONALD H., US [72] PAPADOPOLOUS, A. DEAN, US [71] SCHNEIDER AUTOMATION INC., US [85] 2001-08-30 [86] 2000-12-07 (PCT/US00/33215) [87] 2001-07-12 (WO01/50704) [30] US (09/477,113) 1999-12-31</p>	<p style="text-align: right;">[21] <b>2,362,441</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 17/00</b> [25] EN [54] <b>METHODS AND SYSTEMS FOR OPTIMIZING RETURN AND PRESENT VALUE</b> [54] <b>PROCEDES ET SYSTEMES D'OPTIMISATION DU RENDEMENT ET DE LA VALEUR ACTUELLE</b> [72] JOHNSON, CHRISTOPHER D., US [72] EDGAR, MARC T., US [72] KEYES, TIM K., US [71] GE CAPITAL COMMERCIAL FINANCE, INC., US [85] 2001-08-16 [86] 2000-12-19 (PCT/US00/34598) [87] 2001-07-12 (WO01/50311) [30] US (60/173,876) 1999-12-30 [30] US (09/737,039) 2000-12-14</p>
	<p style="text-align: right;">[21] <b>2,362,438</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B41M 5/20 7B41M 5/24</b> [25] EN [54] <b>THERMALLY-RESPONSIVE RECORD MATERIAL</b> [54] <b>MATIERE D'ENREGISTREMENT THERMOSENSIBLE</b> [72] BERGGREN, DEBRA ARLENE, US [72] JUSTA MACNEIL, STACEY ANN, US [72] FISHER, MARK ROBERT, US [72] MATHIAPARANAM, PONNAMPALAM, US [72] DEBRAAL, JOHN CHARLES, US [71] APPLETON PAPERS INC., US [85] 2001-08-30 [86] 2000-12-19 (PCT/US00/34473) [87] 2001-07-12 (WO01/49507) [30] US (60/174,396) 2000-01-05</p>	



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[21] **2,362,442**  
[13] A1

[51] **Int.Cl. 7G06F 17/00**  
[25] EN  
[54] **RAPID VALUATION OF PORTFOLIOS OF ASSETS SUCH AS FINANCIAL INSTRUMENTS**  
[54] **3VALUATION RAPIDE DE PORTEFEUILLES D'ACTIFS TELS QUE DES INSTRUMENTS FINANCIERS**  
[72] CHEN, YU-TO, US  
[72] SPENCER, DAVID J., TH  
[72] STEWARD, WILLIAM C., US  
[72] KEYES, TIM K., US  
[72] MIDKIFF, CATHARINE L., TH  
[72] PISUPATI, CHANDRASEKHAR, US  
[72] EDGAR, MARC T., US  
[72] CIFARELLI, JAMES L., US  
[72] JOHNSON, CHRISTOPHER D., US  
[72] MESSMER, RICHARD P., US  
[72] NELSON, DAVID R., US  
[72] RAJIV, VRINDA, US  
[72] AKBAY, KUNTER S., US  
[71] GE CAPITAL COMMERCIAL FINANCE, INC., US  
[85] 2001-08-16  
[86] 2000-12-20 (PCT/US00/34668)  
[87] 2001-07-12 (WO01/50313)  
[30] US (60/173,639) 1999-12-30  
[30] US (09/737,454) 2000-12-14

[21] **2,362,443**  
[13] A1

[51] **Int.Cl. 7C09C 1/36 7C09C 1/00 7C09C 3/08**  
[25] EN  
[54] **ORGANICALLY AFTERTREATED PIGMENTS FOR PAINT SYSTEMS**  
[54] **PIGMENTS RETRAITES ORGANIQUEMENT POUR SYSTEMES DE LAQUES**  
[72] BLUMEL, SIEGFRIED, DE  
[72] ORTH-GERBER, JURGEN, DE  
[72] ELFENTHAL, LOTHAR, DE  
[71] KRONOS TITAN GMBH & CO. OHG, DE  
[85] 2001-08-27  
[86] 2000-03-06 (PCT/DE00/00705)  
[87] 2000-09-14 (WO00/53679)  
[30] DE (199 10 521.9) 1999-03-10

[21] **2,362,444**  
[13] A1

[51] **Int.Cl. 7G06F 17/00**  
[25] EN  
[54] **METHODS AND SYSTEMS FOR FINDING VALUE AND REDUCING RISK**  
[54] **PROCEDES ET SYSTEMES PERMETTANT DE RECHERCHER UNE VALEUR ET DE REDUIRE LES RISQUES**  
[72] EDGAR, MARC T., US  
[72] KEYES, TIM K., US  
[72] STEWARD, WILLIAM C., US  
[72] JOHNSON, CHRISTOPHER D., US  
[72] MESSMER, RICHARD P., US  
[71] GE CAPITAL COMMERCIAL FINANCE, INC., US  
[85] 2001-08-16  
[86] 2000-12-20 (PCT/US00/34671)  
[87] 2001-07-12 (WO01/50316)  
[30] US (60/173,792) 1999-12-30  
[30] US (09/737,629) 2000-12-14

[21] **2,362,445**  
[13] A1

[51] **Int.Cl. 7C12N 15/09 7G01N 33/50 7C12Q 1/68**  
[25] EN  
[54] **FIBERS HAVING NUCLEIC ACID IMMOBILIZED THEREON, ALIGNMENT OF FIBERS HAVING NUCLEIC ACID IMMOBILIZED THEREON AND SLICE THEREOF**  
[54] **FIBRES CONTENANT DES ACIDES NUCLEIQUES IMMOBILISES, ALIGNEMENT DE FIBRES CONTENANT DES ACIDES NUCLEIQUES IMMOBILISES ET COUPE TRANSVERSALE DE TELLES FIBRES**  
[72] GUNJI, SHIGEMICHI, JP  
[72] YU, FUJIO, JP  
[72] AKITA, TAKASHI, JP  
[71] MITSUBISHI RAYON CO., LTD., JP  
[71] GENOX RESEARCH, INC., JP  
[85] 2001-09-04  
[86] 2000-03-06 (PCT/JP00/01352)  
[87] 2000-09-14 (WO00/53739)  
[30] JP (11/59397) 1999-03-05

[21] **2,362,446**  
[13] A1

[51] **Int.Cl. 7G06F 17/00**  
[25] EN  
[54] **METHODS AND SYSTEMS FOR EFFICIENTLY SAMPLING PORTFOLIOS FOR OPTIMAL UNDERWRITING**  
[54] **PROCEDES ET SYSTEMES D'ECHANTILLONNAGE EFFICACE DE PORTEFEUILLES EN VUE D'UNE GARANTIE OPTIMALE**  
[72] JOHNSON, CHRISTOPHER D., US  
[72] MESSMER, RICHARD P., US  
[72] EDGAR, MARC T., US  
[72] KAPOOR, NAVNEET, US  
[72] KEYES, TIM K., US  
[71] GE CAPITAL COMMERCIAL FINANCE, INC., US  
[85] 2001-08-16  
[86] 2000-12-21 (PCT/US00/34917)  
[87] 2001-07-12 (WO01/50318)  
[30] US (60/173,957) 1999-12-30  
[30] US (09/737,628) 2000-12-14

[21] **2,362,447**  
[13] A1

[51] **Int.Cl. 7G06F 17/00**  
[25] EN  
[54] **VALUATION PREDICTION MODELS IN SITUATIONS WITH MISSING INPUTS**  
[54] **MODELES DE PREVISION D'EVALUATION DANS DES SITUATIONS AVEC ENTrees MANQUANTES**  
[72] KEYES, TIM K., US  
[71] GE CAPITAL COMMERCIAL FINANCE, INC., US  
[85] 2001-08-16  
[86] 2000-12-27 (PCT/US00/35369)  
[87] 2001-07-12 (WO01/50322)  
[30] US (60/173,875) 1999-12-30  
[30] US (09/745,821) 2000-12-21

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[21] **2,362,448**  
[13] A1  
[51] **Int.Cl. 7C12N 15/52 7A01H 5/00 7C12N 5/10 7C12N 15/53 7C12N 15/82**  
[25] EN  
[54] **METHOD FOR IMPROVING THE AGRONOMIC AND NUTRITIONAL VALUE OF PLANTS**  
[54] **PROCEDE D'AMELIORATION DES VALEURS NUTRITIONNELLES ET AGRONOMIQUES DE PLANTES**  
[72] POTRYKUS, INGO, CH  
[72] BEYER, PETER, DE  
[71] GREENOVATION  
PFLANZENBIOTECHNOLOGIE GMBH, DE  
[85] 2001-08-07  
[86] 2000-03-03 (PCT/EP00/01850)  
[87] 2000-09-14 (WO00/53768)  
[30] DE (199 09 637.6) 1999-03-05

[21] **2,362,449**  
[13] A1  
[51] **Int.Cl. 7H01J 49/10**  
[25] EN  
[54] **PHOTOIONIZATION MASS SPECTROMETER**  
[54] **SPECTROMETRE DE MASSE A PHOTO-IONISATION**  
[72] SYAGE, JACK A., US  
[72] HANOLD, KARL A., US  
[72] HANNING-LEE, MARK A., US  
[71] SYAGEN TECHNOLOGY, US  
[85] 2001-08-09  
[86] 2000-02-08 (PCT/US00/03241)  
[87] 2000-08-17 (WO00/48229)  
[30] US (09/247,646) 1999-02-09

[21] **2,362,451**  
[13] A1  
[51] **Int.Cl. 7C08J 3/24 7C08F 8/00 7C08L 101/14**  
[25] EN  
[54] **POWDERY, CROSS-LINKED ABSORBENT POLYMERS, METHOD FOR THE PRODUCTION THEREOF AND THEIR USE**  
[54] **POLYMERES POUFREUX, RETICULES, A POUVOIR ABSORBANT, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION**  
[72] MERTENS, RICHARD, DE  
[72] HARREN, JORG, DE  
[71] STOCKHAUSEN GMBH & CO. KG, DE  
[85] 2001-08-28  
[86] 2000-02-26 (PCT/EP00/01609)  
[87] 2000-09-14 (WO00/53664)  
[30] DE (199 09 653.8) 1999-03-05

[21] **2,362,452**  
[13] A1  
[51] **Int.Cl. 7H02K 5/24 7B60H 1/00 7F04D 25/08 7H02K 5/20 7H02K 5/22 7F04D 29/60**  
[25] EN  
[54] **HVAC MOTOR AND COVER STRUCTURE**  
[54] **MOTEUR CVC ET STRUCTURE DE COUVERCLE**  
[72] BARTLETT, ERIC, CA  
[71] SIEMENS AUTOMOTIVE INC., CA  
[85] 2001-08-08  
[86] 2000-02-09 (PCT/US00/03320)  
[87] 2000-08-17 (WO00/48293)  
[30] US (60/119,541) 1999-02-10  
[30] US (09/495,593) 2000-02-01

[21] **2,362,455**  
[13] A1  
[51] **Int.Cl. 7C10B 29/06**  
[25] EN  
[54] **METHOD OF HOT-REPAIRING THE HEATING FLUES OF A COKE-OVEN BATTERY AND DEVICE FOR CARRYING OUT SAID METHOD**  
[54] **PROCEDE DE REPARATION A CHAUD DES CARNEAUX DE CHAUFFAGE D'UNE BATTERIE DE FOURS A COKE**  
[72] FISCHER, HANS-JUERGEN, DE  
[72] HIPPE, WERNER, DE  
[71] THYSSEN KRUPP ENCOKE GMBH, DE  
[85] 2001-08-30  
[86] 2000-03-08 (PCT/EP00/01998)  
[87] 2000-09-14 (WO00/53694)  
[30] DE (199 10 300.3) 1999-03-09

[21] **2,362,456**  
[13] A1  
[51] **Int.Cl. 7B29C 47/90**  
[25] EN  
[54] **APPARATUS FOR FORMING ADHESIVE CARTRIDGES**  
[54] **APPAREIL DE FABRICATION DE CARTOUCHES D'ADHESIF**  
[72] SAENZ, ANTHONY, US  
[72] SUMNER, TIMOTHY R., US  
[72] HAAS, GERHARD H., US  
[71] JOWAT CORPORATION, US  
[85] 2001-08-10  
[86] 2000-02-03 (PCT/US00/02925)  
[87] 2000-08-17 (WO00/47395)  
[30] US (09/248,012) 1999-02-10

[21] **2,362,457**  
[13] A1  
[51] **Int.Cl. 7C08J 5/18 7B29D 7/01 7B32B 15/08**  
[25] EN  
[54] **PROCESS FOR PRODUCING A PLASTIC WEB FOR COATING A METAL SUBSTRATE, LAMINATE COMPRISING THIS PLASTIC WEB, AND PRODUCT OR COMPONENT PRODUCED THEREWITH**  
[54] **PROCEDE DE PRODUCTION D'UNE BANDE PLASTIQUE POUR RECOUVRIR UN SUBSTRAT METALLIQUE, STRATIFIE CONTENANT CETTE BANDE PLASTIQUE ET PRODUIT OU CONSTITUANT PRODUIT AVEC CELLE-CI**  
[72] VAN VEENEN, WILLEM JAN, NL  
[72] DEN HARTOG, ADRIANUS JOHANNES, NL  
[72] BEENTJES, PETRUS CORNELIS JOZEF, NL  
[71] CORUS STAAL B.V., NL  
[85] 2001-09-10  
[86] 2000-03-09 (PCT/EP00/02211)  
[87] 2000-09-14 (WO00/53665)  
[30] NL (1011518) 1999-03-10  
[30] NL (1013101) 1999-09-21

[21] **2,362,458**  
[13] A1  
[51] **Int.Cl. 7C07C 43/20 7C07C 43/225**  
[25] EN  
[54] **MODIFIER COMPOUNDS**  
[54] **COMPOSES MODIFICATEURS**  
[72] MATHIAPARANAM, PONNAMPALAM, US  
[71] APPLETON PAPERS INC., US  
[85] 2001-08-30  
[86] 2001-01-04 (PCT/US01/00225)  
[87] 2001-07-12 (WO01/49641)  
[30] US (60/174,396) 2000-01-05

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,362,459</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08G 61/02</b> [25] EN [54] <b>POLYMER PREPARATION PREPARATION DE POLYMERE</b> [72] O'DELL, RICHARD, GB [72] TOWNS, CARL ROBERT, GB [71] CAMBRIDGE DISPLAY TECHNOLOGY LIMITED, GB [85] 2001-08-30 [86] 2000-03-03 (PCT/GB00/00771) [87] 2000-09-14 (WO00/53656) [30] GB (9905203.7) 1999-03-05 [30] US (60/160,953) 1999-10-22 [30] GB (9925653.9) 1999-10-29</p>	<p style="text-align: right;">[21] <b>2,362,463</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 9/44</b> [25] EN [54] <b>MEMORY MANAGEMENT WITHIN A RUN-TIME ENVIRONMENT</b> [54] <b>GESTION DE LA MEMOIRE DANS UN SYSTEME ESSENTIEL</b> [72] SEXTON, HARLAN, US [72] UNIETIS, DAVID, US [72] BENSON, PETER, US [71] ORACLE CORPORATION, US [85] 2001-08-10 [86] 2000-02-11 (PCT/US00/03411) [87] 2000-08-17 (WO00/48074) [30] US (09/248,295) 1999-02-11</p>	<p style="text-align: right;">[21] <b>2,362,467</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 17/60</b> [25] EN [54] <b>CORRELATED INDIVIDUAL UNIT SALES PRICE REDUCTION BASED ON CUMULATIVE SALES</b> [54] <b>REDUCTION CORRELEE DES PRIX DE VENTE D'UNITES INDIVIDUELLES BASEE SUR DES VENTES CUMULEES</b> [72] GROSSMAN, JAMES, US [71] GROSSMAN, JAMES, US [85] 2001-08-10 [86] 2000-02-09 (PCT/US00/03421) [87] 2000-08-17 (WO00/48104) [30] US (09/250,039) 1999-02-12</p>
<p style="text-align: right;">[21] <b>2,362,460</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G02B 26/00</b> [25] EN [54] <b>DUAL STAGE DEFORMABLE MIRROR</b> [54] <b>MIROIR DEFORMABLE A DEUX ETAGES</b> [72] SHEN, GON-YEN, US [71] THE B.F. GOODRICH COMPANY, US [85] 2001-08-31 [86] 2001-01-05 (PCT/US01/00303) [87] 2001-07-12 (WO01/50173) [30] US (09/478,159) 2000-01-05</p>	<p style="text-align: right;">[21] <b>2,362,464</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07K 5/04</b> [25] EN [54] <b>A SYNTHETIC PEPTIDE DISTURBING INTRACELLULAR SIGNALING</b> [54] <b>PEPTIDE DE SYNTHESE FOURNISSANT UN SIGNAL INTRACELLULAIRE</b> [72] LEE, KY YOUNG, KR [72] YOON, JEONG HYEOK, KR [72] KIM, KIL HYOUN, KR [72] HAN, YOUNG TAE, AU [71] YOON, JEONG HYEOK, KR [71] KIM, KIL HYOUN, KR [71] HAN, YOUNG TAE, AU [85] 2001-08-13 [86] 2000-02-12 (PCT/KR00/00107) [87] 2000-08-17 (WO00/47607) [30] AU (PP 8643) 1999-02-12 [30] KR (1999/20282) 1999-06-02</p>	<p style="text-align: right;">[21] <b>2,362,469</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G21F 9/00 7A62D 3/00</b> [25] EN [54] <b>METHOD FOR REMEDIATING SITES CONTAMINATED WITH TOXIC WASTE</b> [54] <b>PROCEDE DE RESTAURATION DE SITES CONTAMINES PAR DES DECHETS TOXIQUES</b> [72] ROGERS, JON E., US [72] HUNTER, WOOD E., US [72] GETMAN, GERRY D., US [71] COMMODORE APPLIED TECHNOLOGIES, INC., US [85] 2001-08-09 [86] 2000-02-10 (PCT/US00/03498) [87] 2000-08-17 (WO00/48201) [30] US (09/248,879) 1999-02-11</p>
<p style="text-align: right;">[21] <b>2,362,462</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G10L 15/06</b> [25] EN [54] <b>SYSTEM AND METHOD FOR AUTOMATING TRANSCRIPTION SERVICES</b> [54] <b>SYSTEME ET PROCEDE D'AUTOMATISATION DE SERVICES DE TRANSCRIPTION</b> [72] FLYNN, THOMAS P., US [72] QIN, CHARLES, US [72] KAHN, JONATHAN, US [72] TIPPE, ROBERT J., US [71] CUSTOM SPEECH USA, INC., US [85] 2001-08-02 [86] 2000-02-04 (PCT/US00/02808) [87] 2000-08-10 (WO00/46787) [30] US (60/118,949) 1999-02-05</p>	<p style="text-align: right;">[21] <b>2,362,466</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B01J 37/20 7C10G 45/08</b> [25] EN [54] <b>PREPARATION OF A HYDROTREATING CATALYST</b> [54] <b>PREPARATION D'UN CATALYSEUR D'HYDROCRAQUAGE</b> [72] GABRIELOV, ALEXEI GRIGORIEVICH, US [72] BHAN, OPINDER KISHAN, US [71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL [85] 2001-08-09 [86] 2000-02-08 (PCT/US00/03219) [87] 2000-08-17 (WO00/47321) [30] US (09/250,208) 1999-02-15</p>	<p style="text-align: right;">[21] <b>2,362,470</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C10K 3/04 6H01M 8/06 6B01J 23/40 6C01B 3/58</b> [25] EN [54] <b>SYSTEM FOR REMOVING CARBON MONOXIDE AND METHOD FOR REMOVING CARBON MONOXIDE</b> [54] <b>SYSTEME ET PROCEDE DE SUPPRESSION DU MONOXYDE DE CARBONE</b> [72] ECHIGO, MITSUAKI, JP [72] OKADA, OSAMU, JP [72] SUZUKI, MINORU, JP [71] OSAKA GAS CO., LTD., JP [85] 2001-09-05 [86] 1999-03-05 (PCT/JP99/01083) [87] 2000-09-14 (WO00/53696)</p>

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[21] **2,362,472**  
[13] A1

[51] **Int.Cl. 7C08G 65/336 7C08G 77/46**  
[25] EN  
[54] **POLYSILOXANE POLYMERS WITH MULTIPLE OLIGOOXYETHYLENE SIDE CHAINS**  
[54] **POLYMERES DE POLYSILOXANE A MULTIPLES CHAINES LATERALES D'OLIGOOXYETHYLENE**  
[72] HOOPER, RICHARD, GB  
[72] WEST, ROBERT C., US  
[72] MOLINE, DAVID A., US  
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US  
[85] 2001-08-23  
[86] 2000-03-02 (PCT/US00/05428)  
[87] 2000-09-14 (WO00/53661)  
[30] US (60/123,795) 1999-03-11

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[21] **2,362,473**  
[13] A1

[51] **Int.Cl. 7G01V 3/32**  
[25] EN  
[54] **TEMPERATURE COMPENSATED NUCLEAR MAGNETIC RESONANCE APPARATUS AND METHOD**  
[54] **APPAREIL DE RESONANCE MAGNETIQUE NUCLEAIRE STABILISE EN TEMPERATURE ET PROCEDE**  
[72] KRUSPE, THOMAS, DE  
[72] SLADE, ROBERT A., GB  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2001-08-10  
[86] 2000-02-14 (PCT/US00/03746)  
[87] 2000-08-17 (WO00/48021)  
[30] US (09/249,964) 1999-02-12

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[21] **2,362,474**  
[13] A1

[51] **Int.Cl. 7C08J 9/00 7C08L 23/02 7C08L 25/08**  
[25] EN  
[54] **OLEFIN POLYMERS AND ALPHA-OLEFIN/VINYL OR ALFA-OLEFIN/VINYLDENE INTERPOLYMER BLEND FOAMS**  
[54] **MOUSSES DE POLYMERES D'OLEFINE ET D'ALPHA-OLEFINE/VINYLE OU D'ALPHA-OLEFINE/INTERPOLYMERES DE VINYLDENE**  
[72] CHAUDHARY, BHARAT I., US  
[72] TUSIM, MARTIN H., US  
[72] BARRY, RUSSELL P., DE  
[71] THE DOW CHEMICAL COMPANY, US  
[85] 2001-08-31  
[86] 2000-03-07 (PCT/US00/05855)  
[87] 2000-09-14 (WO00/53669)  
[30] US (60/123,813) 1999-03-11  
[30] US (60/123,814) 1999-03-11  
[30] US (60/126,887) 1999-03-30  
[30] US (60/126,888) 1999-03-30

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[21] **2,362,475**  
[13] A1

[51] **Int.Cl. 7C11D 3/12 7C11D 11/00**  
[25] EN  
[54] **DETERGENT COMPOSITIONS**  
[54] **COMPOSITIONS DE DETERGENTS**  
[72] BURGESS, GEORGE, GB  
[72] BROUGHAM, PETER RUTHERFORD, GB  
[72] PANCHERI, EUGENE JOSEPH, US  
[72] HARTSHORN, RICHARD TIMOTHY, GB  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-08-28  
[86] 1999-03-09 (PCT/US99/05064)  
[87] 2000-09-14 (WO00/53709)

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[21] **2,362,476**  
[13] A1

[51] **Int.Cl. 7A61K 48/00 7A01N 63/00 7C12N 15/85**  
[25] EN  
[54] **INTEGRATION OF TRANSPLANTED NEURAL PROGENITOR CELLS INTO NEURAL TISSUE OF IMMATURE AND MATURE DYSTROPHIC RECIPIENTS**  
[54] **INTEGRATION DE CELLULES PROGENITRICES NEURALES TRANSPLANTEES DANS LES TISSUS NERVEUX DE DESTINATAIRES DYSTROPHIQUES MATURES ET IMMATURES**  
[72] RAY, JASODHARA, US  
[72] KLASSEN, HENRY, US  
[72] GAGE, FRED H., US  
[72] WHITELEY, SIMON J., US  
[72] YOUNG, MICHAEL J., US  
[71] THE SALK INSTITUTE FOR BIOLOGICAL STUDIES, US  
[71] THE SCHEPENS EYE RESEARCH INSTITUTE, INC., US  
[85] 2001-08-10  
[86] 2000-02-11 (PCT/US00/03534)  
[87] 2000-08-17 (WO00/47238)  
[30] US (60/119,642) 1999-02-11

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[21] **2,362,477**  
[13] A1

[51] **Int.Cl. 7C07K 16/20**  
[25] EN  
[54] **ANTI-PLASMODIUM COMPOSITIONS AND METHODS OF USE**  
[54] **ANTICORPS ANTI-PLASMODIUM ET PROCEDES DE LEUR UTILISATION**  
[72] NARUM, DAVID L., US  
[72] SIM, KIM LEE, US  
[71] ENTREMED, INC., US  
[85] 2001-08-31  
[86] 2000-03-03 (PCT/US00/05820)  
[87] 2000-09-08 (WO00/52056)  
[30] US (60/122,842) 1999-03-04  
[30] US (60/153,575) 1999-09-13

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[21] **2,362,478**  
[13] A1  
[51] **Int.Cl. 6A61N 1/05**  
[25] EN  
[54] **COCHLEAR ELECTRODE ARRAY WITH ELECTRODE CONTACTS ON MEDIAL SIDE**  
[54] **RESEAU D'ELECTRODES COCHLEAIRES AVEC CONTACTS D'ELECTRODES SUR LE COTE MEDIAN**  
[72] KUZMA, JANUSZ A., US  
[71] ADVANCED BIONICS CORPORATION, US  
[85] 2001-08-09  
[86] 1999-09-28 (PCT/US99/22591)  
[87] 2000-08-17 (WO00/47272)  
[30] US (09/247,734) 1999-02-09

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[21] **2,362,484**  
[13] A1  
[51] **Int.Cl. 7C12N 15/82 7A01H 1/00 7C12N 9/00 7C12N 5/04 7C07K 14/415 7C12N 15/52**  
[25] EN  
[54] **HERBICIDE TARGET GENE AND METHODS**  
[54] **GENE CIBLE D'HERBICIDE ET PROCEDES CORRESPONDANTS**  
[72] WEGRICH, LYNETTE MARCIA, US  
[72] POTTER LEWIS, SHARON LEE, US  
[72] BUDZISZEWSKI, GREGORY JOSEPH, US  
[72] LEVIN, JOSHUA ZVI, US  
[71] SYNGENTA PARTICIPATIONS AG, CH  
[85] 2001-07-05  
[86] 2000-01-13 (PCT/EP00/00246)  
[87] 2000-07-20 (WO00/42205)  
[30] US (09/232,760) 1999-01-15  
[30] US (09/237,479) 1999-01-26  
[30] US (09/244,288) 1999-02-03  
[30] US (09/252,336) 1999-02-18  
[30] US (09/281,376) 1999-03-30

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[21] **2,362,491**  
[13] A1  
[51] **Int.Cl. 7F25D 5/00 7B65B 63/08 7F25D 3/08**  
[25] EN  
[54] **NON-METALLIC FOOD OR BEVERAGE CONTAINER HAVING A HEAT EXCHANGE UNIT CONTAINED THEREIN**  
[54] **RECIPIENT NON METALLIQUE POUR ALIMENTS OU BOISSONS, COMPRENANT UNE UNITE D'ECHANGE THERMIQUE**  
[72] SILLINCE, MARK ERICH, GB  
[71] CHILL-CAN INTERNATIONAL, INC., US  
[85] 2001-08-10  
[86] 2000-01-19 (PCT/US00/01299)  
[87] 2000-08-17 (WO00/47936)  
[30] US (09/247,405) 1999-02-10

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[21] **2,362,492**  
[13] A1  
[51] **Int.Cl. 7C07D 213/75 7A61P 15/16 7A61P 15/18 7A61K 31/44 7A61K 31/513 7C07D 239/56**  
[25] EN  
[54] **PHENETHYL-5-BROMOPYRIDYLTHIOUREA (PBT) AND DIHYDROALKOXYBENZYLOXOPYRIDINE (DABO) DERIVATIVES EXHIBITING SPERMICIDAL ACTIVITY**  
[54] **DERIVES DE PHENETHYL-5-BROMOPYRIDYLTHIOUREE (PBT) ET DE DIHYDROALCOXYBENZYLOXOPYRIDINE (DABO) A ACTIVITE SPERMICIDE**  
[72] UCKUN, FATIH M., US  
[72] D'CRUZ, OSMOND, US  
[71] PARKER HUGHES INSTITUTE, US  
[85] 2001-06-26  
[86] 1999-12-29 (PCT/US99/31160)  
[87] 2000-07-06 (WO00/39095)  
[30] US (09/224,677) 1998-12-31

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[21] **2,362,502**  
[13] A1  
[51] **Int.Cl. 7C09J 163/00 7C09J 175/04 7C09J 11/06 7C09J 11/08 7C08G 59/18 7C08G 18/36 7C08G 18/38 7C08G 59/40 7C08G 18/80**  
[25] EN  
[54] **SOLUBLE ADHESIVES**  
[54] **ADHESIFS SOLUBLES**  
[72] KIRSTEN, CHRISTIAN, DE  
[72] FERENCZ, ANDREAS, DE  
[72] HIRTHAMMER, MICHAEL, DE  
[71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE  
[85] 2001-08-08  
[86] 2000-01-29 (PCT/EP00/00719)  
[87] 2000-08-17 (WO00/47686)  
[30] DE (199 04 835.5) 1999-02-08

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[21] **2,362,503**  
[13] A1  
[51] **Int.Cl. 7C08G 65/26 7C07J 9/00 7C07J 41/00 7B01J 27/26**  
[25] EN  
[54] **DOUBLE METAL CYANIDE CATALYSTS FOR PRODUCING POLYETHER POLYOLS**  
[54] **CATALYSEURS A BASE DE CYANURES METALLIQUES DOUBLES DESTINES A LA PREPARATION DE POLYETHER-POLYOLS**  
[72] LOHRENZ, JOHN, DE  
[72] HOFMANN, JORG, DE  
[72] OOMS, PIETER, DE  
[72] GUPTA, PRAMOD, DE  
[72] SCHAFFER, WALTER, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2001-08-09  
[86] 2000-01-31 (PCT/EP00/00727)  
[87] 2000-08-17 (WO00/47649)  
[30] DE (199 05 611.0) 1999-02-11

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[21] **2,362,504**  
[13] A1

[51] **Int.Cl. 7C08G 65/26 7B01J 27/26**  
[25] EN  
[54] **DOUBLE METAL CYANIDE CATALYSTS FOR PRODUCING POLYETHER POLYOLS**  
[54] **CATALYSEURS A BASE DE CYANURES METALLIQUES DOUBLES DESTINES A LA PREPARATION DE POLYETHER-POLYOLS**  
[72] OOMS, PIETER, DE  
[72] LOHRENZ, JOHN, DE  
[72] SCHAFFER, WALTER, DE  
[72] HOFMANN, JORG, DE  
[72] GUPTA, PRAMOD, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2001-08-08  
[86] 2000-01-31 (PCT/EP00/00728)  
[87] 2000-08-17 (WO00/47650)  
[30] DE (199 05 611.0) 1999-02-11  
[30] DE (199 13 260.7) 1999-03-24  
[30] DE (199 20 937.5) 1999-05-07

[21] **2,362,505**  
[13] A1

[51] **Int.Cl. 7C08G 18/36 7C08G 18/66**  
[25] EN  
[54] **FINE-CELL, WATER-DRIVEN RIGID EXPANDED POLYURETHANES**  
[54] **MOUSSES RIGIDES DE POLYURETHANE A PETITS ALVEOLES, ENTRAINABLES PAR L'EAU**  
[72] HEINEMANN, TORSTEN, DE  
[72] KLAN, WALTER, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2001-08-09  
[86] 2000-02-01 (PCT/EP00/00783)  
[87] 2000-08-17 (WO00/47647)  
[30] DE (199 05 989.6) 1999-02-13

[21] **2,362,507**  
[13] A1

[51] **Int.Cl. 7C07K 14/785 7A61P 11/00**  
[25] EN  
[54] **ARTIFICIAL PEPTIDES HAVING SURFACE ACTIVITY AND THE USE THEREOF IN THE PREPARATION OF ARTIFICIAL SURFACTANT**  
[54] **PEPTIDES ARTIFICIELS AYANT UNE ACTIVITE DE SURFACE ET UTILISATION DE CEUX-CI DANS LA PREPARATION D'UN TENSIOACTIF ARTIFICIEL**  
[72] CURSTEDT, TORE, IT  
[72] VENTURA, PAOLO, IT  
[72] JOHANSSON, JAN, IT  
[72] JORNVAL, HANS, IT  
[72] ROBERTSON, BENGT, IT  
[71] CHIESI FARMACEUTICI S.P.A., IT  
[85] 2001-08-09  
[86] 2000-02-09 (PCT/EP00/01044)  
[87] 2000-08-17 (WO00/47623)  
[30] IT (MI99A000275) 1999-02-12

[21] **2,362,509**  
[13] A1

[51] **Int.Cl. 7A23L 1/304 7A23L 1/305**  
[25] EN  
[54] **FERRIC FORTIFICATION FOR FOODS AND DRINKS**  
[54] **ENRICHISSEMENT EN FER DE DENREES ALIMENTAIRES ET DE BOISSONS**  
[72] VADEHRA, DHARAM VIR, US  
[72] JACOBSON, MARK RANDOLPH, US  
[72] SHER, ALEXANDER, US  
[71] SOCIETE DES PRODUITS NESTLE S.A., CH  
[85] 2001-08-28  
[86] 2000-02-28 (PCT/EP00/01737)  
[87] 2000-09-08 (WO00/51446)  
[30] US (60/122,288) 1999-03-01

[21] **2,362,510**  
[13] A1

[51] **Int.Cl. 7C08G 69/04**  
[25] EN  
[54] **METHOD FOR PRODUCING POLYAMIDE 6 OF A LOW EXTRACT CONTENT, HIGH VISCOSITY STABILITY AND LOW REMONOMERIZATION RATE**  
[54] **PROCEDE DE PRODUCTION DE POLYAMIDE 6 A FAIBLE TENEUR EN EXTRAIT, A HAUTE STABILITE DE VISCOSITE ET A FAIBLE TAUX DE REMONOMERISATION**  
[72] HILDEBRANDT, VOLKER, DE  
[72] MOHRSCHLADT, RALF, DE  
[72] YAMAMOTO, MOTONORI, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2001-08-10  
[86] 2000-02-10 (PCT/EP00/01089)  
[87] 2000-08-17 (WO00/47651)  
[30] DE (199 05 754.0) 1999-02-11

[21] **2,362,511**  
[13] A1

[51] **Int.Cl. 7C08F 2/22**  
[25] EN  
[54] **METHOD FOR CONTINUOUSLY MONITORING AND CONTROLLING THE MONOMER CONVERSION DURING EMULSION POLYMERIZATION**  
[54] **PROCEDE DE CONTROLE ET DE COMMANDE CONTINUUS DE CONVERSION DE MONOMERES LORS DE LA POLYMERISATION EN EMULSION**  
[72] BIRK, JOACHIM, DE  
[72] KLOSTERMANN, RAINER, DE  
[72] HAUFF, THOMAS, DE  
[72] KRONER, HUBERTUS, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2001-08-10  
[86] 2000-02-10 (PCT/EP00/01091)  
[87] 2000-08-17 (WO00/47632)  
[30] DE (199 05 712.5) 1999-02-11

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[21] **2,362,513**  
[13] A1  
[51] **Int.Cl. 7C07K 14/755 7A61L 24/10 7A61L 27/22 7C07K 14/78**  
[25] EN  
[54] **A METHOD FOR PRODUCING A PREPARATION BASED ON FIBRINOGEN AND FIBRONECTIN AS WELL AS PROTEIN COMPOSITIONS OBTAINABLE ACCORDING TO THIS METHOD**  
[54] **PROCEDE DE FABRICATION D'UNE PREPARATION A BASE DE FIBRINOGENE ET DE FIBRONECTINE ET COMPOSITIONS PROTEIQUES OBTENUES PAR CE PROCEDE**  
[72] BROERMANN, RALF, AT  
[72] SEELICH, THOMAS, AT  
[71] BAXTER AKTIENGESELLSCHAFT, AT  
[85] 2001-08-09  
[86] 2000-02-10 (PCT/EP00/01097)  
[87] 2000-08-17 (WO00/47621)  
[30] AT (A 206/99) 1999-02-12

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[21] **2,362,514**  
[13] A1  
[51] **Int.Cl. 7C10M 169/00 7C10M 101/02 7C10M 169/02 7C10M 159/06 7C10M 107/14 7C10M 133/16 7C10M 105/68**  
[25] EN  
[54] **LUBRICANT COMPOSITION AND HIS USE IN A BALL JOINT**  
[54] **COMPOSITION LUBRIFIANTE ET SON UTILISATION DANS UNE ROTULE**  
[72] YATSUZUKA, YOSHIHISA, JP  
[72] MASUMORI, RYUICHI, JP  
[72] TANAKA, KEIJI, JP  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 2001-08-09  
[86] 2000-02-09 (PCT/EP00/01106)  
[87] 2000-08-17 (WO00/47699)  
[30] JP (034963/99) 1999-02-12

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[21] **2,362,516**  
[13] A1  
[51] **Int.Cl. 7E01C 23/16**  
[25] EN  
[54] **AUDIBLE NIGHT-VISIBLE TRAFFIC STRIPE FOR A ROAD AND METHOD AND APPARATUS FOR MAKING THE SAME**  
[54] **BANDES DE TRAFIC ROUTIER SONORES ET VISIBLES DE NUIT, ET LEUR PROCEDE ET APPAREIL DE MISE EN PLACE**  
[72] MARCATO, FORREST C., US  
[71] THE RAINLINE CORPORATION, US  
[85] 2001-08-08  
[86] 2000-02-11 (PCT/US00/03416)  
[87] 2000-08-17 (WO00/47823)  
[30] US (09/249,492) 1999-02-12

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[21] **2,362,518**  
[13] A1  
[51] **Int.Cl. 7C12N 15/55 7C12N 9/16**  
[25] EN  
[54] **HEAT-INDUCIBLE PROMOTER**  
[54] **PROMOTEUR THERMO-INDUCTIBLE**  
[72] GELLISSEN, GERD, DE  
[72] ROMANO, IVANO, CH  
[72] DE VIRGILIO, CLAUDIO, CH  
[71] RHEIN BIOTECH GESELLSCHAFT FUR NEUE BIOTECHNOLOGISCHE PROZESSE UND PRODU KTE MBH, DE  
[85] 2001-08-10  
[86] 2000-02-11 (PCT/EP00/01144)  
[87] 2000-08-17 (WO00/47749)  
[30] CH (279/99) 1999-02-11

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[21] **2,362,519**  
[13] A1  
[51] **Int.Cl. 7E02F 3/30**  
[25] EN  
[54] **CROWD ROPE TAKE-UP SYSTEM FOR A SHOVEL**  
[54] **SYSTEME TENDEUR DE CABLE DE MECANISME DE CREUSAGE POUR PELLE EXCAVATRICE**  
[72] CHANG, SHYUE-SHENG, US  
[71] BUCYRUS INTERNATIONAL, INC., US  
[85] 2001-08-10  
[86] 2000-02-03 (PCT/US00/02718)  
[87] 2000-08-17 (WO00/47830)  
[30] US (09/249,186) 1999-02-12

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[21] **2,362,520**  
[13] A1  
[51] **Int.Cl. 7C07K 1/00 7B29C 53/00 7C07K 14/00 7C07K 17/00 7C12N 5/00 7C12N 5/02 7A21C 3/06 7B28B 11/08 7A21C 3/08 7B29C 53/14 7B28B 21/48 7B28B 21/98**  
[25] EN  
[54] **NOVEL COMPONENT OF VON HIPPEL-LINDAU TUMOR SUPPRESSOR COMPLEX AND SCF UBIQUITIN LIGASE**  
[54] **NOUVEAU COMPOSE DE COMPLEXE SUPPRESSEUR DE TUMEUR DE VON HIPPEL-LINDAU ET SCF UBIQUITINE LIGASE**  
[72] KAMURA, TAKUMI, US  
[72] CONAWAY, JOAN W., US  
[72] CONAWAY, RONALD C., US  
[71] OKLAHOMA MEDICAL RESEARCH FOUNDATION, US  
[85] 2001-08-10  
[86] 2000-02-25 (PCT/US00/04838)  
[87] 2000-08-31 (WO00/50445)  
[30] US (60/121,787) 1999-02-26

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[21] **2,362,522**  
[13] A1  
[51] **Int.Cl. 7E21B 19/08 7E21B 19/084**  
[25] EN  
[54] **METHOD OF MAKING A CONDUCTIVE DOWNHOLE WIRE LINE SYSTEM**  
[54] **PROCEDE DE FABRICATION D'UN SYSTEME DE CABLES METALLIQUES CONDUCTEURS SOUTERRAINS**  
[72] MOORE, BOYD B., US  
[71] MOORE, BOYD B., US  
[85] 2001-08-10  
[86] 2000-02-11 (PCT/US00/03627)  
[87] 2000-08-17 (WO00/47863)  
[30] US (09/249,547) 1999-02-12

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[21] **2,362,525**  
[13] A1  
[51] **Int.Cl. 7C07K 7/64 7A61K 39/21 7C07K 14/705**  
[25] EN  
[54] **CYCLIC PEPTIDES AND AIDS VACCINES**  
[54] **PEPTIDES CYCLIQUES ET VACCINS CONTRE LE SIDA**  
[72] SHOJI, SHOZO, JP  
[71] NISSUI PHARMACEUTICAL CO., LTD., JP  
[85] 2001-08-09  
[86] 1999-11-05 (PCT/JP99/06174)  
[87] 2000-08-17 (WO00/47609)  
[30] JP (11/32990) 1999-02-10

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[21] **2,362,526**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7C07H 21/02 7C07H 21/04 7C12P 19/34**  
[25] EN  
[54] **NUCLEIC ACID LIGAND INHIBITORS TO DNA POLYMERASES**  
[54] **LIGANDS D'ACIDE NUCLEIQUE INHIBITEURS DES ADN POLYMERASES**  
[72] GOLD, LARRY, US  
[72] JAYASENA, SUMEDHA, US  
[71] GILEAD SCIENCES, INC., US  
[85] 2001-08-16  
[86] 2000-02-24 (PCT/US00/04702)  
[87] 2000-09-08 (WO00/52207)  
[30] US (09/258,797) 1999-03-01

[21] **2,362,527**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7C07H 21/02**  
[25] EN  
[54] **A NOVEL, PROSTATE-SPECIFIC GENE FOR DIAGNOSIS, PROGNOSIS AND MANAGEMENT OF PROSTATE CANCER**  
[54] **NOUVEAU GENE SPECIFIQUE A LA PROSTATE SERVANT AU DIAGNOSTIC, AU PRONOSTIC ET AU TRAITEMENT DU CANCER DE LA PROSTATE**  
[72] VELTRI, ROBERT, US  
[72] AN, GANG, US  
[71] UROCOR, INC., US  
[85] 2001-08-08  
[86] 2000-01-24 (PCT/US00/02052)  
[87] 2000-08-17 (WO00/47773)  
[30] US (09/247,188) 1999-02-09

[21] **2,362,532**  
[13] A1

[51] **Int.Cl. 7C12Q 1/70 7C07K 16/00 7A61K 39/21 7A61K 39/395 7G01N 33/53**  
[25] EN  
[54] **SCREENING OF ANTIVIRAL COMPOUNDS TARGETED TO THE HIV-1 GP41 CORE STRUCTURE**  
[54] **CRIBLAGE DE COMPOSES ANTIVIRAUX CIBLANT LE NOYAU DE LA GP41 DU VIH-1**  
[72] DEBNATH, ASIM K., US  
[72] JIANG, SHIBO, US  
[71] NEW YORK BLOOD CENTER, INC., US  
[85] 2001-08-30  
[86] 2000-03-15 (PCT/US00/06771)  
[87] 2000-09-21 (WO00/55377)  
[30] US (60/124,907) 1999-03-17  
[30] US (09/525,874) 2000-03-14

[21] **2,362,541**  
[13] A1

[51] **Int.Cl. 7G01N 33/50 7G01N 33/566 7C07K 14/71**  
[25] EN  
[54] **STRUCTURE-BASED SCREENING TECHNIQUES FOR DRUG DISCOVERY**  
[54] **TECHNIQUES DE CRIBLAGE A BASE DE STRUCTURE PERMETTANT DE DECOUVRIR UN MEDICAMENT**  
[72] LUO, PEIZHI, US  
[72] DAHIYAT, BASSIL, US  
[71] XENCOR, INC., US  
[85] 2001-08-10  
[86] 2000-02-11 (PCT/US00/03665)  
[87] 2000-08-17 (WO00/47612)  
[30] US (60/120,009) 1999-02-11  
[30] US (60/131,674) 1999-04-29

[21] **2,362,546**  
[13] A1

[51] **Int.Cl. 7C12N 15/82 7A01H 5/00 7C12N 5/10 7C12N 9/18 7C12N 15/55**  
[25] EN  
[54] **DNA ENCODING A PLANT LIPASE, TRANSGENIC PLANTS AND A METHOD FOR CONTROLLING SENESCENCE IN PLANTS**  
[54] **ADN CODANT POUR UNE LIPASE VEGETALE, PLANTES TRANSGENIQUES ET METHODE DE REGULATION DE LA SENESCENCE DES PLANTES**  
[72] WANG, TZANN-WEI, CA  
[72] HUDAK, KATALIN, US  
[72] HONG, YUWEN, CA  
[72] THOMPSON, JOHN E., CA  
[71] SENESCO, INC., US  
[85] 2001-08-14  
[86] 2000-02-14 (PCT/US00/03494)  
[87] 2000-08-24 (WO00/49164)  
[30] US (09/250,280) 1999-02-16

[21] **2,362,547**  
[13] A1

[51] **Int.Cl. 7C12N 15/12**  
[25] EN  
[54] **ANGIOPOIETIN-RELATED PROTEIN AND NUCLEIC ACIDS**  
[54] **PROTEINE ASSOCIEE A L'ANGIOPOIETINE ET ACIDES NUCLEIQUES CORRESPONDANTS**  
[72] VALENZUELA, DAVID M., US  
[72] JONES, PAMELA F., GB  
[71] REGENERON PHARMACEUTICALS, INC., US  
[85] 2001-08-16  
[86] 2000-02-10 (PCT/US00/03381)  
[87] 2000-09-08 (WO00/52167)  
[30] US (60/122,499) 1999-03-02

[21] **2,362,548**  
[13] A1

[51] **Int.Cl. 7A61K 38/39 7A61F 2/00 7A61P 9/10 7G01N 33/50 7C07K 14/78**  
[25] EN  
[54] **ELASTIN-BASED COMPOSITIONS**  
[54] **COMPOSITIONS A BASE D'ELASTINE**  
[72] KEATING, MARK T., US  
[72] LI, DEAN Y., US  
[71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US  
[85] 2001-08-20  
[86] 2000-02-28 (PCT/US00/02526)  
[87] 2000-08-31 (WO00/50068)  
[30] US (09/258,217) 1999-02-26

[21] **2,362,549**  
[13] A1

[51] **Int.Cl. 7C12N 9/00 7A01N 61/00 7A01N 43/04 7A61K 38/28 7C12N 9/50**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR MODULATING SERUM CHOLESTEROL**  
[54] **COMPOSITIONS ET PROCEDES POUR MODULER LE CHOLESTEROL SERIQUE**  
[72] CHATTERJEE, SUBROTO, US  
[71] JOHN HOPKINS UNIVERSITY, US  
[85] 2001-08-23  
[86] 2000-02-23 (PCT/US00/04657)  
[87] 2000-08-31 (WO00/50574)  
[30] US (60/121,447) 1999-02-24

[21] **2,362,550**  
[13] A1

[51] **Int.Cl. 7A61K 9/127**  
[25] EN  
[54] **ANTIBODY FRAGMENT-TARGETED IMMUNOLIPOSOMES FOR SYSTEMIC GENE DELIVERY**  
[54] **IMMUNOLIPOSOMES CIBLES SUR UN FRAGMENT D'ANTICORPS UTILES POUR L'ADMINISTRATION SYSTEMIQUE D'UN GENE**  
[72] ALEXANDER, WILLIAM, US  
[72] CHANG, ESTHER H., US  
[72] TANG, WENHUA, US  
[72] XU, LIANG, US  
[72] HUANG, CHENG-CHENG, US  
[71] SYNERGENE THERAPEUTICS, INC., US  
[71] GEORGETOWN UNIVERSITY, US  
[85] 2001-08-16  
[86] 2000-02-22 (PCT/US00/04392)  
[87] 2000-08-31 (WO00/50008)  
[30] US (60/121,133) 1999-02-22



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[21] **2,362,551**  
[13] A1

[51] **Int.Cl. 7C12N 15/82 7A01H 5/00 7A01N 63/02 7C12N 5/10**  
[25] EN  
[54] **INDUCIBLE EXPRESSION SYSTEM FOR USE IN PLANTS**  
[54] **SYSTEME D'EXPRESSION INDUCTIBLE DESTINE A ETRE UTILISE SUR DES PLANTES**  
[72] PAINE, JACQUELINE ANN MARY, GB  
[72] CHRYSTAL, EWAN JAMES TURNER, GB  
[72] JEPSON, IAN, GB  
[72] CLARKE, ERIC DANIEL, GB  
[71] SYNGENTA LIMITED, GB  
[85] 2001-07-12  
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[87] 2000-08-03 (WO00/44917)  
[30] GB (9902234.5) 1999-02-01

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[21] **2,362,552**  
[13] A1

[51] **Int.Cl. 7C12N 15/55 7A01H 5/00 7C12N 9/78 7C12N 15/82**  
[25] EN  
[54] **MAIZE ADENOSINE DEAMINASE CDNA AND USES THEREOF**  
[54] **ADNC D'ADENOSINE DESAMINASE DE MAIS ET SES UTILISATIONS**  
[72] MAHAJAN, PRAMOD B., US  
[71] PIONEER HI-BRED INTERNATIONAL, INC., US  
[85] 2001-08-20  
[86] 2000-02-22 (PCT/US00/04428)  
[87] 2000-08-31 (WO00/50609)  
[30] US (60/121,550) 1999-02-25

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[21] **2,362,562**  
[13] A1

[51] **Int.Cl. 7A61G 13/12**  
[25] EN  
[54] **HINGED ADAPTOR ASSEMBLY FOR RADIOLUCENT TABLE EXTENSION**  
[54] **ADAPTATEUR ARTICULE POUR EXTENSION DE TABLE RADIOTRANSARENTE**  
[72] DINKLER, CHARLES E., US  
[71] OHIO MEDICAL INSTRUMENT COMPANY, INC., US  
[85] 2001-08-10  
[86] 2000-02-11 (PCT/US00/03639)  
[87] 2000-08-17 (WO00/47155)  
[30] US (60/119,686) 1999-02-11

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[21] **2,362,570**  
[13] A1

[51] **Int.Cl. 7C12P 41/00**  
[25] EN  
[54] **STEREOSELECTIVE SYNTHESIS OF NUCLEOSIDE ANALOGUES**  
[54] **SYNTHESE STEREOSELECTIVE D'ANALOGUES NUCLEOSIDIQUES**  
[72] KAZLAUSKAS, ROMAS, CA  
[72] JANES, LANA, CA  
[72] CIMPOIA, ALEX, CA  
[71] MCGILL UNIVERSITY, CA  
[71] SHIRE BIOCHEM INC., CA  
[85] 2001-08-09  
[86] 2000-02-11 (PCT/CA00/00144)  
[87] 2000-08-17 (WO00/47759)  
[30] US (60/119,756) 1999-02-11  
[30] US (60/119,885) 1999-02-12

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[21] **2,362,586**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68**  
[25] EN  
[54] **BIALLELIC MARKERS DERIVED FROM GENOMIC REGIONS CARRYING GENES INVOLVED IN ARACHIDONIC ACID METABOLISM**  
[54] **MARQUEURS BIALLELES DERIVES DE REGIONS GENOMIQUES PORTEUSES DE GENES INTERVENANT DANS LE METABOLISME DE L'ACIDE ARACHIDONIQUE**  
[72] CHUMAKOV, ILYA, FR  
[72] BOUGUELERET, LYDIE, FR  
[72] BLUMENFELD, MARTA, FR  
[71] GENSET, FR  
[85] 2001-08-09  
[86] 2000-02-11 (PCT/IB00/00184)  
[87] 2000-08-17 (WO00/47771)  
[30] US (60/119,917) 1999-02-12  
[30] US (09/275,267) 1999-03-23  
[30] US (60/133,200) 1999-05-07

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[21] **2,362,593**  
[13] A1

[51] **Int.Cl. 7C12N 5/06 7A61K 35/39 7A61P 5/48**  
[25] EN  
[54] **PANCREATIC PROGENITOR CELLS, METHODS AND USES RELATED THERETO**  
[54] **CELLULES PROGENITRICES DE PANCREAS ET PROCEDES ET UTILISATIONS ASSOCIEES**  
[72] KAGAN, DAVID, US  
[72] PANG, KEVIN, US  
[72] FUNG, BRENDA, US  
[71] CURIS, INC., US  
[85] 2001-08-09  
[86] 2000-02-10 (PCT/US00/03419)  
[87] 2000-08-17 (WO00/47720)  
[30] US (60/119,576) 1999-02-10  
[30] US (60/142,305) 1999-07-02  
[30] US (60/171,338) 1999-12-21

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[21] **2,362,597**  
[13] A1

[51] **Int.Cl. 7C08J 9/00**  
[25] EN  
[54] **NANOCOMPOSITE ARTICLES AND PROCESS FOR MAKING**  
[54] **OBJETS NANOCOMPOSITES ET PROCEDE DE FABRICATION ASSOCIE**  
[72] MACKAY, GEORGE, A., US  
[72] TUNG, HARVEY, C., US  
[72] SUH, KYUNG, W., US  
[72] FIBIGER, RICHARD, F., US  
[72] LIANG, WENBIN, US  
[72] SCHOMAKER, JOSEPH, A., US  
[72] BARGER, MARK, A., US  
[71] THE DOW CHEMICAL COMPANY, US  
[85] 2001-08-09  
[86] 2000-02-11 (PCT/US00/03682)  
[87] 2000-08-17 (WO00/47657)  
[30] US (60/119,816) 1999-02-12

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[13] A1

[51] **Int.Cl. 7C12N 5/04 7A01H 5/00 7C07H 1/00 7C07K 1/00 7C07H 21/04 7C12P 21/04 7C12P 21/06 7C12N 15/29 7C12N 15/52 7C12N 15/63 7C12N 15/67 7A61K 35/78 7C12N 15/82 7C12N 15/90**  
[25] EN  
[54] **DWF4 POLYNUCLEOTIDES, POLYPEPTIDES AND USES THEREOF**  
[54] **POLYNUCLEOTIDES ET POLYPEPTIDES DWF4 ET LEURS UTILISATIONS**  
[72] FELDMANN, KENNETH A., US  
[72] CHOE, SUNGHWHA, US  
[72] AZPIROZ, RICARDO, US  
[71] THE ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA, US  
[85] 2001-08-10  
[86] 2000-02-11 (PCT/US00/03820)  
[87] 2000-08-17 (WO00/47715)  
[30] US (60/119,657) 1999-02-11  
[30] US (60/119,658) 1999-02-11

[21] **2,362,609**  
[13] A1

[51] **Int.Cl. 7C08J 5/24 7C08F 290/06 7C08F 212/08 7C08F 290/14 7C08G 18/67**  
[25] EN  
[54] **MICROWAVE-TRANSPARENT THERMOSETTING RESIN COMPOSITIONS, ELECTRICAL LAMINATES OBTAINED THEREFROM, AND PROCESS OF PRODUCING THESE**  
[54] **COMPOSITIONS DE RESINE THERMODURCIES POUR HYPERFREQUENCES TRANSPARENTES, FEUILLES ELECTRIQUES DERIVEES DE CES COMPOSITIONS ET LEUR PROCEDE D'OBTENTION**  
[72] ROLLEN, DONALD C., US  
[72] AUSTILL, TIMOTHY W., US  
[72] LANE, SCOTT A., US  
[71] GIL TECHNOLOGIES, US  
[85] 2001-08-13  
[86] 1999-02-12 (PCT/US99/02964)  
[87] 2000-08-17 (WO00/47655)

[21] **2,362,612**  
[13] A1

[51] **Int.Cl. 7C12Q 1/34 7C12N 9/20**  
[25] EN  
[54] **CRYSTAL STRUCTURE OF CPLA2, AND METHODS OF IDENTIFYING AGONISTS AND ANTAGONISTS USING SAME**  
[54] **STRUCTURE CRISTALLINE DE CPLA2 ET PROCEDES PERMETTANT D'IDENTIFIER DES AGONISTES ET DES ANTAGONISTES AU MOYEN DE LADITE STRUCTURE**  
[72] SEEHRA, JASBIR S., US  
[72] STAHL, MARK L., US  
[72] SOMERS, WILLIAM S., US  
[72] DESSEN, ANDREA, FR  
[71] GENETICS INSTITUTE, INC., US  
[85] 2001-08-14  
[86] 2000-02-14 (PCT/US00/03745)  
[87] 2000-08-17 (WO00/47763)  
[30] US (09/250,083) 1999-02-15

[21] **2,362,641**  
[13] A1

[51] **Int.Cl. 7F17D 3/12 7F17D 1/05 7F15B 1/26**  
[25] EN  
[54] **HIGH PRESSURE PNEUMATIC DRIVE FOR LIQUID INJECTION APPARATUS**  
[54] **ENTRAINEMENT PNEUMATIQUE HAUTE PRESSION POUR APPAREIL D'INJECTION DE LIQUIDE**  
[72] ENGLISH, GLENDON ELMER, CA  
[72] ENGLISH, RODNEY RALPH, CA  
[71] ENVIRODRIVE INC., CA  
[85] 2001-11-13  
[86] 2000-06-22 (PCT/CA00/00760)  
[87] 2001-01-04 (WO01/01036)  
[30] US (60/140,904) 1999-06-23

[21] **2,362,748**  
[13] A1

[51] **Int.Cl. 7H05B 33/14**  
[25] EN  
[54] **THIN-FILM ELECTROLUMINESCENT DEVICE**  
[54] **DISPOSITIF ELECTROLUMINESCENT A COUCHE MINCE**  
[72] SUN, SEY-SHING, US  
[72] BOWEN, MICHAEL S., US  
[71] PLANAR SYSTEMS, INC., US  
[85] 2001-08-13  
[86] 2001-03-15 (PCT/US01/08592)  
[87] 2001-09-20 (WO01/69981)  
[30] US (60/190,122) 2000-03-16  
[30] US (09/649,153) 2000-08-28

[21] **2,362,755**  
[13] A1

[51] **Int.Cl. 7B60N 2/46 7A47C 7/54**  
[25] EN  
[54] **MECHANISM FOR REGULATING COLLAPSIBLE ELEMENTS**  
[54] **MECANISME DE REGLAGE D'ELEMENTS RABATTABLES**  
[72] MARANON MARQUINA, MIGUEL, ES  
[71] GRUPO ANTOLIN-INGENIERIA, S.A., ES  
[85] 2001-09-10  
[86] 2001-01-17 (PCT/ES01/00011)  
[87] 2001-07-26 (WO01/53130)  
[30] ES (PCT/ES00/00014) 2000-01-17

[21] **2,362,761**  
[13] A1

[51] **Int.Cl. 7C04B 14/02 7C09C 3/00**  
[25] EN  
[54] **PIGMENT GRANULATE FOR THE COLOURING OF BUILDING MATERIALS AND PROCESSES FOR ITS MANUFACTURE**  
[54] **GRANULAT PIGMENTAIRE POUR LA COLORATION DE MATERIAUX DE CONSTRUCTION ET SON PROCEDE DE FABRICATION**  
[72] VOGLER, STEFAN, DE  
[72] VEIT, ADOLF, DE  
[72] NUNGESS, KLAUS, DE  
[72] EGGER, CHRISTIAN, IT  
[71] BROCKHUES GMBH & CO. KG, DE  
[85] 2001-08-21  
[86] 2001-01-16 (PCT/EP01/00432)  
[87] 2001-07-26 (WO01/53228)  
[30] DE (100 02 559.5) 2000-01-21

[21] **2,362,763**  
[13] A1

[51] **Int.Cl. 7C04B 38/00**  
[25] EN  
[54] **HONEYCOMB STRUCTURE AND METHOD FOR MANUFACTURE THEREOF**  
[54] **STRUCTURE EN NID D'ABEILLES ET PROCEDE DE FABRICATION DE CETTE DERNIERE**  
[72] YAMAMOTO, YOSHINORI, JP  
[72] NODA, NAOMI, JP  
[72] HARADA, TAKASHI, JP  
[71] NGK INSULATORS, LTD., JP  
[85] 2001-09-07  
[86] 2001-01-11 (PCT/JP01/00078)  
[87] 2001-07-26 (WO01/53233)  
[30] JP (2000-8288) 2000-01-17

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[21] **2,362,776**

[13] A1

[51] **Int.Cl. 7G06F 17/15**

[25] EN

[54] **PARALLEL CORRELATOR ARCHITECTURE**

[54] **ARCHITECTURE DE CORRELATEUR PARALLELE**

[72] DEWDNEY, PETER E., CA

[72] CARLSON, BRENT R., CA

[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA

[85] 2001-08-30

[86] 2001-01-17 (PCT/CA01/00038)

[87] 2001-07-26 (WO01/53982)

[30] US (60/176,298) 2000-01-18

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[21] **2,362,791**

[13] A1

[51] **Int.Cl. 7A63B 37/06**

[25] EN

[54] **IMPROVED MULTI-LAYER GOLF BALL**

[54] **BALLE DE GOLF MULTICOUCHE AMELIOREE**

[72] KENNEDY, THOMAS J., III, US

[72] NESBITT, R. DENNIS, US

[72] SULLIVAN, MICHAEL J., US

[72] BINETTE, MARK L., US

[72] NEILL, JOHN T., US

[71] SPALDING SPORTS WORLDWIDE, INC., US

[85] 2001-08-20

[86] 2001-01-10 (PCT/US01/00759)

[87] 2001-07-26 (WO01/52945)

[30] US (09/490,182) 2000-01-22

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[21] **2,362,793**

[13] A1

[51] **Int.Cl. 7A61B 19/00**

[25] EN

[54] **LARGE VOLUME MEDICAL FLUID VACUUM COLLECTION CANISTER**

[54] **CARTOUCHE DE COLLECTE SOUS VIDE POUR VOLUME IMPORTANT DE FLUIDE MEDICAL**

[72] JOHNSON, BUSTER, US

[72] CUNDIEFF, DOUGLAS, US

[71] ALLEGIANCE CORPORATION, US

[85] 2001-08-27

[86] 2001-01-08 (PCT/US01/00438)

[87] 2001-07-26 (WO01/52761)

[30] US (09/490,980) 2000-01-24

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[21] **2,362,802**

[13] A1

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

[25] EN

[54] **A FLUIDIZED BED REACTOR FOR PREVENTING THE FINE IRON ORE FROM STICKING THEREIN AND METHOD THEREFOR**

[54] **REACTEUR A LIT FLUIDISE EMPECHANT L'AGGLUTINATION DU MINERAIS FIN DE FER ET PROCEDE ASSOCIE**

[72] KIM, HANG-GOO, KR

[72] JEONG, SUN-KWANG, KR

[72] CHOI, NAG-JOON, KR

[72] HAUZENBERGER, FRANZ, AT

[72] KANG, HEUNG-WON, KR

[71] RESEARCH INSTITUTE OF INDUSTRIAL SCIENCE & TECHNOLOGY, KR

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

[71] VOEST-ALPINE

INDUSTRIEANLAGENBAU GMBH, AT

[85] 2001-08-20

[86] 2000-12-20 (PCT/KR00/01495)

[87] 2001-06-28 (WO01/46478)

[30] KR (1999/59509) 1999-12-20

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[21] **2,362,866**

[13] A1

[51] **Int.Cl. 7E21B 19/00 7E21B 15/00 7E21B 19/20**

[25] EN

[54] **DRILLING DEVICE AND METHOD FOR DRILLING A WELL**

[54] **DISPOSITIF DE FORAGE ET PROCEDE DE FORAGE D'UN Puits**

[72] DIRKS, THORSTEN, DE

[72] MOSS, JOHANNES, DE

[71] BENTEC GMBH DRILLING & OILFIELD SYSTEMS, DE

[85] 2001-08-13

[86] 1999-08-19 (PCT/DE99/02599)

[87] 2000-03-02 (WO00/11308)

[30] DE (198 37 692.8) 1998-08-19

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[13] A1  
[51] **Int.Cl. 7C07D 471/04 7C07D 215/42 7A61K 31/47**  
[25] EN  
[54] **INTERMEDIATES FOR THE PREPARATION OF 1H-IMIDAZO -4,5-C] QUINOLIN-4-AMINES**  
[54] **INTERMEDIAIRES POUR LA PREPARATION DE 1H-IMIDAZO -4,5-C] QUINOLINE-4-AMINES**

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[72] GERSTER, JOHN FRANKLIN, US  
[71] RIKER LABORATORIES, INC., US  
[22] 1990-02-20  
[43] 1990-08-27  
[62] 2,010,430  
[30] US (316,035) 1989-02-27

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[21] **2,357,064**  
[13] A1  
[51] **Int.Cl. 7H04N 13/00**  
[25] EN  
[54] **VIDEO VIEWING EXPERIENCES USING STILL IMAGES**  
[54] **EXPERIENCES DE VISUALISATION VIDEO AU MOYEN D'IMAGES IMMOBILES**  
[72] MARTIN, H. LEE, US  
[72] GRANTHAM, H. CRAIG, US  
[71] INTERACTIVE PICTURES CORPORATION, US  
[22] 1997-02-20  
[43] 1997-08-28  
[62] 2,288,428

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[21] **2,360,398**  
[13] A1  
[51] **Int.Cl. 7C09K 11/08 7F21K 2/00 7H01J 61/38 7H01J 61/42 7C09K 11/70 7C09K 11/73**  
[25] EN  
[54] **PHOSPHORS WITH IMPROVED LUMEN OUTPUT AND LAMPS MADE THEREFROM**  
[54] **LUMINOPHORES A RENDEMENT LUMINEUX AMELIORE ET LAMPES FABRIQUEES AVEC CES LUMINOPHORES**  
[72] SIGAI, A. GARY, US  
[72] KLINEDINST, KEITH A., US  
[71] GTE PRODUCTS CORPORATION, US  
[22] 1991-01-17  
[43] 1991-07-23  
[62] 2,034,423  
[30] US (07/468,432) 1990-01-22

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[21] **2,362,008**  
[13] A1  
[51] **Int.Cl. 7B65D 65/14**  
[25] EN  
[54] **WRAPPING A FLORAL GROUPING WITH SHEETS HAVING ADHESIVE OR COHESIVE MATERIAL APPLIED THERETO**  
[54] **FEUILLES D'EMBALLAGE POUR GERBES DE FLEURS, A BANDE ADHESIVE, EN PAQUETS**  
[72] WEDER, DONALD E., US  
[71] SOUTH PACIFIC TRUST INTERNATIONAL, INC., NZ  
[22] 1991-03-28  
[43] 1991-10-03  
[62] 2,079,100  
[30] US (502,358) 1990-03-29

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[21] **2,362,031**  
[13] A1  
[51] **Int.Cl. 7F16B 39/32**  
[25] EN  
[54] **LOCKING NUT AND BOLT SYSTEM**  
[54] **SYSTEME ECROU ET BOULON**  
[72] STANLEY, CARL RICHARD, US  
[72] BOWLING, STEPHEN G., US  
[72] DISTASIO, ROBERT J., US  
[71] PERMANENT TECHNOLOGIES, INC., US  
[22] 1996-12-19  
[43] 1997-10-16  
[62] 2,251,053  
[30] US (60/015,230) 1996-04-10  
[30] US (60/015,980) 1996-04-15  
[30] US (08/747,323) 1996-11-12

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[21] **2,362,128**  
[13] A1  
[51] **Int.Cl. 7G06K 9/20 7G01S 17/89**  
[25] EN  
[54] **SYSTEM AND METHOD FOR ACQUIRING AN OPTICAL TARGET**  
[54] **SYSTEME ET METHODE D'ACQUISITION D'UN REPERE OPTIQUE**  
[72] SHAW, DAVID GOODWIN, US  
[72] SHAH, GOVIND, US  
[72] CHANDLER, DONALD GORDON, US  
[71] UNITED PARCEL SERVICE OF AMERICA, INC., US  
[22] 1992-07-07  
[43] 1993-01-21  
[62] 2,113,252  
[30] US (728,219) 1991-07-11

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TREBLA CHEMICAL COMPANY	2,341,287	Viguier, Thierry	2,055,299	Wyatt, Gerald A.	2,143,766
Triad Technology	2,093,227	Viswanadham, Krishna	2,196,275	WYATT, Michael K.	2,271,470
TRICO PRODUCTS CORPORATION	2,155,834	VOEST-ALPINE INDUSTRIEANLAGENBA U GMBH	2,211,021	WYPYCH, George	2,041,532
TRINH, Toan	2,210,971	Vukovich, George	2,176,899	XOMA CORPORATION	2,235,626
Trotter, John Andrew	2,194,922	WAKE, David	2,233,291	Yabuta, Motoshi	2,027,467
Troughton, Ernest Barritt Jr.	2,038,804	Walch, Axel	2,041,260	YAMAGATA, Kenji	2,225,131
Truog, Keith Lawson	2,198,203	Waldherr, Michael P.	2,103,034	YAMAGUCHI, Chiseki	2,252,100
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TRUTH HARDWARE CORPORATION	2,210,026	Wan, Barbara Y.	2,081,665	Yamaguchi, Shigeo	2,109,336
TRW INC.	2,202,734	Wang, Andrew	2,176,899	Yamamoto, Naoki	2,068,327
TRW INC.	2,253,976	Wang, Lin	2,181,696	Yamashita, Hideyuki	2,074,683
TSENG, James K.	2,214,557	Wang, Su-Sun	2,181,477	Yamaura, Tetsuaki	2,056,799
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				Zidbeck, Juha	2,085,983
				ZIEGLER, Hans	2,214,387
				Zierenberg, Bernd	2,086,123
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				ZIMMERBAUER, Karl-Heinz	2,211,021
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				ZOOK, Lois Anne	2,222,618
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		BLAND, RONALD	2,350,154	CELESTICA INTERNATIONAL INC.	2,311,562
		BLOOMER, LARRY D.	2,349,953	CELESTICA INTERNATIONAL INC.	2,311,716
		BOCK, THOMAS	2,309,379	CERTICOM CORP.	2,350,118
		BOECK, ALEXANDER	2,349,994	CHAKRABARTI, DHRUBA J.	2,349,793
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COSCO MANAGEMENT, INC.	2,340,872	E.I. DU PONT DE NEMOURS		AFT M.B.H.	2,350,166
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COURT, MELVIN T.	2,349,999	EASTMAN KODAK		FURUKAWA, HARUHIKO	2,350,293
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CRESSWELL, MARK	2,311,698	COMPANY	2,345,840	GAEKE, STEVEN P.	2,348,168
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DASSAULT SYSTEMES	2,349,975	ELMORE, MICHAEL S.	2,311,716	CANADA INC.	2,311,403
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DEERE & COMPANY	2,349,381	ENGEL, MANFRED	2,350,300	GILES, KEVIN	2,350,041
DEERE & COMPANY	2,349,767	ERDELAC, LEONARD	2,343,851	GILLIGAN, PATRICK	2,311,739
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DERSCHIED, DANIEL ERIC	2,350,300	FAITA, GIUSEPPE	2,347,438	CHRISTIAN YVON	2,349,692
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HOLDER, DANNY D.	2,349,977	JACOBO, RUBEN ORNELAS	2,347,438	KUMAR, YATISH	2,311,103
HOLMES, JEFF	2,349,311	JACQUES, MARCEL ALEXANDRE JOSEPH	2,311,594	KURAMOTO, AKIO	2,350,317
HONDA GIKEN KOGYO KABUSHIKI KAISHA	2,323,127	JAMISON, WILLIAM E.	2,348,168	KURANO, YOSHIHIRO	2,348,379
HONG, WAN-SUN	2,343,699	JEKELI-KOOIJMAN, HENDRIK	2,350,282	KUUSELA, MICHAEL ANTON	2,311,579
HORADA, MITSURU	2,348,172	JONES, KATHRYN A.	2,348,168	LACY, NORMAN H.	2,349,111
HOSHIDA, DAIJIRO	2,350,379			LAN, RED	2,311,732
HOUMMADY, MOUSSA	2,311,622			LANCIEN, GILLES	2,349,975
HOYES, JOHN BRIAN	2,340,150			LANDOLT, MARKUS	2,348,227
HUANG, SUJIAN	2,349,774			LANDRY, SCOTT K.	2,310,238
HUBBELL INCORPORATED	2,349,281			LANE, KEVIN G.	2,350,900
HUBBELL INCORPORATED	2,349,284			LAROCHE, ANDRE J.	2,309,883
HUBBELL INCORPORATED	2,349,311			LEE, KANG-HUN	2,343,699
HUGHES ELECTRONICS CORPORATION	2,349,732			LEE, SANG SIG	2,349,879
HUGHES ELECTRONICS CORPORATION	2,349,790			LEEDS, GARY	2,349,923
HUIBREGTSE, BRIAN W.	2,350,299			LEEDS, JORDAN	2,349,923
HULT, VERN ARTHUR	2,311,036			LEE-LOY, SHELDON A.	2,311,870
HULT, VERN ARTHUR	2,350,047			LEES, JEREMY J.	2,311,223



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AG	2,347,529	INC.	2,311,095	NORTH WESTERN HEALTH	
LEMAK, CSABA	2,311,524	MEDIASTACK AUDIONET		CARE NETWORK	2,309,379
LERMUZEAUX, ETIENNE	2,350,010	INC.	2,311,097	NORTHRUP GRUMMAN	
LEVY, DAVID H.	2,344,603	MENTZER, MATTHEW	2,350,788	CORPORATION	2,350,382
LEVY, DAVID HOWARD	2,345,195	MERCK PATENT		NYKIFORUK, CORY L.	2,309,883
LEWIS, JAMES R.	2,345,434	GESELLSCHAFT MIT		OBERLE, TIMOTHY T.	2,350,115
LIDKEA, WAYNE N.	2,349,813	BESCHRANKTER		O'CONNOR, THOMAS B.	2,350,343
LIGHTSCAPE NETWORKS		HAFTUNG	2,349,903	OGURO, KAORU	2,349,792
LTD.	2,348,311	MERKLE, WOLFGANG	2,349,441	OIL LIFT TECHNOLOGY INC.	2,311,036
LIN, SANTA H. (deceased)	2,311,193	MEYER, PAUL M.	2,350,297	OIL LIFT TECHNOLOGY INC.	2,350,047
LIU, LI H.	2,350,368	MICHAELS, DEAN T.	2,349,914	OKAMOTO, KUNIAKI	2,351,023
LIU, LI-FEI	2,309,342	MICROMASS LIMITED	2,340,150	ONISHI, TSUYOSHI	2,349,817
LOCARNINI, STEPHEN		MICROMASS LIMITED	2,350,041	ONOUE, MASASHI	2,348,621
ALISTER	2,309,379	MIDHA, KAMAL K.	2,311,708	OTA, HIDETOSHI	2,349,426
LONG, DARREN R.	2,349,964	MILINX BUSINESS GROUP,		OWCZARCZYK, ZBYSLAW	
LONG, STEVEN P.	2,345,502	INC.	2,311,859	ROMAN	2,345,195
LONKAR SERVICES LTD.	2,311,215	MILITELLO, PAUL	2,348,168	PACTIV CORPORATION	2,345,502
L'OREAL	2,349,697	MIZIKOVSKY, SEMYON B.	2,344,757	PAGGINI, ALBERTO	2,349,900
L'OREAL	2,349,702	MIZUKUCHI, AYA	2,346,582	PANDEY, RAVINDRA K.	2,342,064
LOUIS GARNEAU SPORTS		MIZUNO, TOSHIAKI	2,349,952	PARK, HYUNJAE	2,350,299
INC.	2,349,801	MOCHIKAWA, HIROSHI	2,350,769	PASECO CO., LTD.	2,312,862
LUCENT TECHNOLOGIES,		MOCOAT SERVICES '98 LTD.	2,311,229	PASHANDI, PASHA	
INC.	2,344,023	MOJANA, CORRADO	2,347,438	MIRZAHASSAN	2,311,695
LUCENT TECHNOLOGIES,		MOOBERRY, JARED BEN	2,345,195	PAUL, SIGISMUND G.	2,350,271
INC.	2,344,757	MOORE, KELLY JAMES	2,311,579	PAYNE, JEFFREY RAY	2,343,921
LUI, CHENGQI	2,350,198	MORALES, ANTHONY	2,349,793	PCYI NETWORK	
LUPTON, KEVIN EDWARD	2,350,360	MORGAN, ROBERT D.	2,349,111	CORPORATION	2,311,824
MACMILLAN, GEOFFREY D.	2,349,072	MORI, SATORU	2,349,792	PEAKCARE, LLC	2,349,923
MACPHERSON, IAN		MORISHITA, MASAHIRO	2,349,952	PFEIFFER, THOMAS	2,350,358
MURDOCH	2,350,809	MORITA, YOSHITSUGU	2,350,293	PFIZER INC.	2,350,341
MACY, STEPHEN C.	2,313,800	MORITA, YOSHITSUGU	2,350,360	PHARMAQUEST LIMITED	2,311,708
MAEDA, SATORU	2,350,253	MUDALIGE, CHANDRIKA	2,311,192	PHILLIPS, JOSEPH R.	2,347,418
MAGNUSEN, PAUL E.	2,349,793	MULLINGER, BERNHARD	2,350,000	PICCIOTTO, ELENA	2,349,900
MAIER-LAXHUBER, PETER	2,349,987	MUNDT, EGBERT	2,349,960	PILLOTE, LAWRENCE J.	2,350,115
MAIMETS, LEMBIT	2,350,276	NACHMAN, YARON	2,344,899	PIRETTI, GIANCARLO	2,349,455
MALDEN MILLS		NAKAGOMI, SHOJI	2,340,841	PLAYCORE, INC.	2,336,755
INDUSTRIES, INC.	2,350,364	NAKAGOMI, SHOJI	2,341,012	POHTO, GERALD R.	2,311,724
MANFRED, WILLIAM A.	2,349,813	NAKAMURA, TAKESHI	2,323,127	POLLACK, WILLIAM G., JR.	2,324,721
MANN'S, MICHAEL	2,309,379	NAKANISHI, KOJI	2,350,293	POOLE, MARK C.	2,311,579
MANSERI, ABDELLATIF	2,312,194	NAKATSUBO, KAORU	2,348,379	PORTER, GERALD R.	2,311,225
MARCOVICI, MICHAEL	2,344,757	NAUDET, JACKY	2,349,692	POSTE, JEFFREY ROSS	2,311,594
MAROIS, CLAUDE	2,312,253	NAVAS SABATER, JOSE		POTTER, WILLIAM R.	2,342,064
MARSHALL, DALE R.	2,349,964	ANDRES	2,349,899	PREFERSOFT INC.	2,311,594
MARTIN, BARRY L.	2,311,724	NEAL, LENELDA	2,350,198	PRESSON, JERRY M.	2,349,284
MARTINS, MARIA	2,311,342	NEC CORPORATION	2,350,317	PRO-CORD SPA	2,349,455
MARZEN ARTISTIC		NEKS RECHERCHE &		PROFFITT, JERRY L.	2,349,408
ALUMINUM LTD.	2,311,248	DÉVELOPPEMENT INC.	2,311,278	PROFFITT, JERRY L.	2,349,686
MASON, JOHN W.	2,350,900	NEWCOURT, INC.	2,349,999	PROTEIN TECHNOLOGIES	
MATSUI, KOMAHARU	2,348,172	NEWTON, DAVID	2,349,807	INTERNATIONAL INC.	2,311,193
MATSUOKA, YASUHIRO	2,349,980	NIGHTINGALE, CHRIS EARL	2,350,351	PULLEN, STEPHEN R.	2,311,716
MATZ, ANTHONY	2,324,854	NIGHTINGALE, CHRIS EARL	2,350,356	PURCELL, D. GLENN	2,348,694
MCALLISTER, MICHAEL L.	2,349,882	NILES PARTS CO., LTD.	2,349,426	QIN, JIANLAI	2,324,854
MCAARTHUR, DOUGLAS J.	2,345,502	NILES, RODNEY	2,350,198	RASCON MARTINEZ,	
MCAULEY, ALASTAIR		NIPPON SHEET GLASS CO.,		MIGUEL	2,349,899
EDWIN	2,350,351	LTD.	2,349,952	RAYNE, JANESON P.	2,350,530
MCAULEY, ALASTAIR		NISHIZONO, ISAO	2,348,379	REBORN PRODUCTS CO.,	
EDWIN	2,350,356	NISSUI KAKO CO., LTD.	2,340,841	INC.	2,350,236
MCCORMICK, MARK ALAN	2,344,023	NISSUI KAKO CO., LTD.	2,341,012	REBORN PRODUCTS CO.,	
MCFARLIN, ROBERT E., JR.	2,347,989	NITTO DENKO		INC.	2,350,343
MCINTYRE, PATRICK F.	2,342,253	CORPORATION	2,348,172	REID, ABEL PATTRICK	2,311,258
MCKEIGUE, KEVIN	2,350,282	NOLL, CHARLES G.	2,350,373	REID, IAN ALLAN BEATTIE	2,349,807
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MCMASTER UNIVERSITY	2,311,194			REUTER, ELLEN	2,350,765

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REYNOLDS, WILLIAM	2,346,570	SERIZAWA, ATSUSHI	2,349,980	SULZER METCO AG	2,347,980
REZA, HAMID	2,311,695	SERRA, EMILIO	2,350,160	SUMITOMO CHEMICAL COMPANY, LIMITED	2,350,379
RHEON AUTOMATIC MACHINERY CO., LTD.	2,350,294	SHABTAY, LIOR	2,344,899	SUN, BOQIN	2,349,328
RIOJA, ROBERTO J.	2,349,793	SHAH, REZA H.	2,311,174	SUNATORI, GO SIMON	2,312,285
RIVARD, PIERRE	2,315,133	SHARMA, VIKRAM	2,350,364	SUZUKI, MANABU	2,340,310
RIVARD, PIERRE	2,315,139	SHAW, JEI-FU	2,309,342	SWANSON, ROY E., JR.	2,350,858
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ROEDER, SASCHA	2,350,000	SHIMAMOTO, TADASHI	2,340,310	SZAJEWSKI, RICHARD P.	2,347,181
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ROLLS-ROYCE DEUTSCHLAND LTD & CO KG	2,349,994	SHINMURA, HIROTO	2,346,582	TAKADA, YUKIHIRO	2,349,980
ROMENESKO, DAVID JOSEPH	2,350,360	SHINOHARA, YASUO	2,350,379	TAKAHASHI, TSUTOMU	2,350,379
RONCZ, JOHN G.	2,350,161	SHIROMOTO, KOJI	2,350,293	TAKEUCHI, YUKO	2,349,137
ROSKO, M. SCOT	2,340,872	SHOP VAC CORPORATION	2,350,368	TANAKA, ISAO	2,349,137
ROSS, GORD	2,310,238	SHULKIN, ANNA	2,311,192	TANUMA, TOSHIHIRO	2,349,746
ROTH, JAMES A.	2,350,413	SHULKIN, ANNA	2,311,195	TARZIA, UMBERTO	2,351,258
ROUSSELET, GUILHEM	2,349,697	SHUMIN, WILLIAM A.	2,311,716	TASHIRO, YASUNORI	2,350,294
ROYER, REAL	2,350,179	SI, YIXIA	2,311,095	TECHNOLOGIES OF STERILIZATION WITH OZONE TS03 INC.	2,311,509
RUTHERFORD, WILLIAM J.	2,350,038	SI, YIXIA	2,311,097	TEICHER, MARTIN	2,311,708
SAAFNET CANADA INCORPORATED	2,350,014	SILBER, STEFAN	2,350,765	TEMPEL STEEL COMPANY, INC.	2,324,854
SAFETY BRACE, INC.	2,350,800	SIMIC, BORIS	2,311,594	TEPE, HEINRICH	2,350,788
SAITO, AKIKO	2,348,347	SIMPSON, DAVID L.	2,337,983	TERAMOTO, SACHIYUKI	2,346,582
SAKAMAKI, TAKASHI	2,349,426	SINGER, DAVID A.	2,311,193	TERAZONO, SHINJI	2,349,746
SAMSUNG ELECTRONICS CO., LTD.	2,343,699	SINGH, AMARDEEP	2,349,774	TERRELL, JONATHAN D.	2,350,382
SANFILIPPO, DOMENICO	2,349,900	SKRETAS, EVAGELOS	2,310,825	TESCO CORPORATION	2,311,156
SANO, ATSUNORI	2,351,023	SLACK, MAURICE WILLIAM	2,311,156	TESCO CORPORATION	2,311,158
SANO, KENJI	2,348,172	SLUIMAN, HARM	2,311,870	TESCO CORPORATION	2,311,160
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SATO, NOBORU	2,349,426	SMED INTERNATIONAL, INC.	2,349,964	THE BOLER COMPANY.	2,348,811
SAWYER, ROBERT D.	2,349,110	SMITH INTERNATIONAL, INC.	2,349,774	THE DOW CHEMICAL COMPANY	2,311,046
SCHACHER, GALEN	2,311,219	SMITH, NICHOLAS CHARLES ALAN	2,350,351	THE ESAB GROUP, INC.	2,342,550
SCHEUCH, GERHARD	2,350,000	SMITH, NICHOLAS CHARLES ALAN	2,350,356	THEURER, JOSEF	2,350,166
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SCHMED, ARTHUR	2,348,252	SNAMPROGETTI S.P.A.	2,349,900	TILLMANN, HANS	2,309,379
SCHMIDT, MICHAEL	2,349,903	SNECMA MOTEURS	2,349,692	TOBA, YASUHIRO	2,349,980
SCHMIDT, WILLIAM P.	2,350,446	SNEDEKER, JULIE A.	2,340,839	TOBITA, TADASHI	2,323,127
SCHNEIDER AUTOMATION INC.	2,350,344	SNOW BRAND MILK PRODUCTS CO., LTD.	2,349,980	TOPFER, KARIN	2,347,181
SCHNEIDER AUTOMATION INC.	2,350,346	SO, VINCENT	2,350,033	TORRESI, JOSEPH	2,309,379
SCHNEIDER AUTOMATION INC.	2,350,359	SOMEYA, SACHIKO	2,346,582	TORRIERI, SANDRO A.	2,349,914
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		STEPHENS, DENNIS P.	2,349,152	TRW INC.	2,350,413
		STOEVE, NIKOLAY A.	2,349,995	TSUBASA SYSTEM CO., LTD.	2,348,621
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VALLAS, RODNEY	2,349,964	XU, AOXIANG	2,311,095
VAN DER LELY, ALEXANDER	2,347,529	XU, AOXIANG	2,311,097
VAN DOREN, ROBERT	2,346,570	YAMADA, TAKESHI	2,350,379
VAN DYCK, JAN	2,322,358	YANAGISAWA, EIJI	2,349,746
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WACHIRA, MARK JAMES	2,311,148	ZHOU, ZHIHONG	2,349,998
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WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION	2,326,826		
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ABBOTT LABORATORIES	2,362,410	ALLEN, DONAVAN J.	2,356,965	ARMSTRONG, DONALD B.	2,356,443
ABE, YOSHITO	2,356,838	ALLEN, JOHN A.	2,362,257	ARNOLD, KENNETH B.	2,362,141
ABEND, THOMAS P.	2,355,908	ALLERGAN SALES, INC.	2,362,040	ARONLD, STEVEN	2,362,113
ABETA, SADAYUKI	2,362,418	ALLERGAN SALES, INC.	2,362,343	ARORA, JALAJ	2,356,638
ABGENIX, INC.	2,356,215	ALPAUGH, MARY L.	2,356,960	ARROYO, KEITH M.	2,362,181
ABOU-SAMRA, SAMIR	2,362,148	ALSTOM	2,356,383	ARTIS, DEAN R.	2,356,934
ACCOLLA, WILLIAM R.	2,362,257	ALSTOM POWER INC.	2,356,981	ASAGARASU, AKIRA	2,356,263
ACHEN, MARC G.	2,355,896	ALUMINIUM PECHINEY	2,356,372	ASAHI GLASS COMPANY,	
ACORDIS INDUSTRIAL FIBERS		ALUMINIUM PECHINEY	2,361,671	LIMITED	2,356,127
GMBH	2,362,102	ALZA CORPORATION	2,356,197	ASAI, KENJI	2,356,269
ACTIVE DATA EXCHANGE,		AMB IT HOLDING B.V.	2,362,256	ASANO, HAJIME	2,356,263
INC.	2,356,846	AMERICAN RED CROSS	2,357,031	ASANO, HIRONOBU	2,356,294
ACUTHERM, L.P.	2,356,288	AMERO, BERNARD A.	2,356,677	ASHIKARI, TOSHIHIKO	2,356,594
ADAMS, ROBERT	2,362,367	AMGEN INC.	2,362,126	ASHKENAZI, AVI J.	2,361,849
ADM COCOA B.V.	2,356,198	AMGEN, INC.	2,355,657	ASHKENAZI, AVI J.	2,362,427
ADRIA LIMITED	2,356,285	AMIDHOZOUR, RAHIM	2,356,968	ASK S.A.	2,356,376
ADVANCED BIONICS		AMIDHOZOUR, RAHIM	2,356,975	ASK S.A.	2,356,378
CORPORATION	2,362,478	AMINO UP CHEMICAL CO.,		ASK S.A.	2,362,415
ADVANCED TECHNOLOGIES		LTD.	2,362,268	ASLANIAN, ROBERT G.	2,362,319
(CAMBRIDGE) LIMITED	2,356,125	AMMERMANN, EBERHARD	2,356,114	ASTRA TECH AB	2,356,979
ADVANCED TECHNOLOGIES		AN, GANG	2,362,527	ASTRAZENECA AB	2,356,212
GROUP LIMITED		ANACOM SYSTEMS		ASTRAZENECA AB	2,356,440
(FORMALLY KNOWN AS		CORPORATION	2,355,906	ASTRAZENECA AB	2,356,611
AIRSHIP TECHNOLOGIES		ANAMED, INC.	2,356,297	ASTRAZENECA UK LIMITED	2,357,013
SERVICES LTD.)	2,362,286	ANCEL, JEAN-ERICK	2,362,217	ATARASHI, HIROYUKI	2,362,418
AER ENERGY RESOURCES,		ANDERHEGGEN, WOLFGANG	2,362,175	ATELIERS BUSCH S.A.	2,362,075
INC.	2,355,907	ANDERSEN VILBOUR, KIM	2,355,655	ATLANTIC RESEARCH	
AFRICA OUTDOORS ACS		ANDERSEN, CARSTEN	2,355,655	CORPORATION	2,356,899
(PROPRIETARY) LIMITED	2,362,009	ANDERSEN, SOREN MOLLER	2,362,265	ATMEL CORPORATION	2,362,159
AHLEM, CLARENCE		ANDERSON, DAVID K.	2,356,981	ATOMA INTERNATIONAL	
NATHANIEL	2,356,539	ANDERSON, WARREN H.	2,355,773	CORP.	2,362,150
AHLSTROM GLASSFIBRE OY	2,362,191	ANDERSSON, LEIF	2,355,897	AUBER, PHILIPPE JACQUES	2,362,182
AHMAVAARA, KALLE	2,356,117	ANDREWS, CHRISTINE ANN	2,356,927	AUCKLAND UNISERVICES	
AHONEN, CORY L.	2,362,377	ANDREWS, CHRISTINE ANN	2,357,011	LIMITED	2,356,755
AIRSYS NAVIGATION		ANDREWS, CRAIG C.	2,355,769	AUGERT, GUY	2,356,680
SYSTEMS GMBH	2,362,221	ANDTBACKA, ANDERS	2,356,750	AUSTILL, TIMOTHY W.	2,362,609
AJINOMOTO CO., INC.	2,356,597	ANGLO OPERATIONS LIMITED	2,362,278	AVENTIS CROPS SCIENCE S.A.	2,362,217
AKBAY, KUNTER S.	2,362,442	ANROD, STEPHEN C.	2,356,972	AVENTIS PASTEUR LIMITED	2,355,270
AKITA, TAKASHI	2,362,445	ANTICANCER, INC.	2,356,926	AVENTIS PASTEUR LIMITED	2,356,057
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AKZO NOBEL N.V.	2,362,055	APPLETON PAPERS INC.	2,362,458	AVENTIS PHARMA	
ALALUF, SIMON	2,355,633	APPLIED EXTRUSION		DEUTSCHLAND GMBH	2,362,364
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AVENTIS PHARMACEUTICALS INC.	2,356,969	BAYER	2,355,847	BIGOSZEWSKI, MACIEK	2,362,150
AVM, INC.	2,362,255	AKTIENGESELLSCHAFT	2,356,053	BILLEDEAU, ROLAND JOSEPH	2,355,902
AVON PRODUCTS, INC.	2,356,283	BAYER	2,356,404	BINETTE, MARK L.	2,362,791
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BAKER, WILLIAM R.	2,355,775	BEDARD, PIERRE	2,356,170	BLASE, GUNTER	2,355,898
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RUFFIN, DAVID, JAMES	2,362,374	SAKAI, HARUMI	2,356,595	SEEHRA, JASBIR S.	2,362,612
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SHIMOMURA, YUKIO	2,356,412	SMITH, MARK E.	2,356,422	STANFORD, JOHN LAWSON	2,361,925
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SULZER PUMPEN AG	2,362,238	TAMURA, YOSHIHIRO	2,361,538		2,362,460
SUMNER, TIMOTHY R.	2,362,456	TAN, YUYING	2,356,926	THE BOARD OF REGENTS FOR	
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SUN, BUXIANG	2,362,268	TANG, WANCHUN	2,362,187	IMPROVEMENT OF	
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SUN, SEY-SHING	2,362,748	TANG, Y. TOM	2,362,300	INTERNATIONAL, INC.	2,362,136
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