

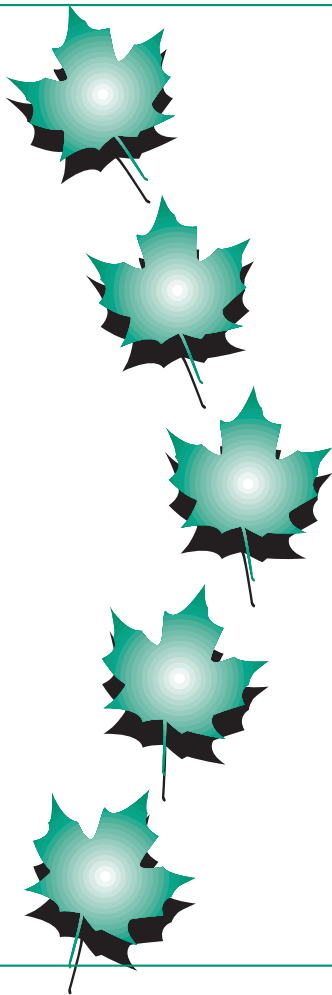


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Office

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du Canada

Un organisme  
d'Industrie Canada



**The Patent  
Office  
Record**

**La Gazette  
du Bureau  
des brevets**

Vol. 129, No. 22 May 29, 2001

Vol. 129, N° 22 le 29 mai 2001

**Canada**

CIPO  OPIC

# THE PATENT OFFICE RECORD

## LA GAZETTE DU BUREAU DES BREVETS

David Tobin  
Commissioner of Patents

David Tobin  
Commissaire aux brevets

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

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

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

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

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

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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 writing to the Commissioner of Patents, Ottawa-Hull, K1A 0C9.

Paper copies of all Canadian Patents and Canadian Laid-Open Applications may be purchased from IHS Canada, 240 Catherine Street, Suite 305, Ottawa, Ontario, Canada, K2P 2G8, Telephone (613) 237-4250, Facsimile (613) 237-4251.

Toll Free for North America: 1-800-567-1914  
E-mail: [gic@ihscanada.ca](mailto:gic@ihscanada.ca)

### 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 écrivant au Commissaire aux brevets, Ottawa-Hull, K1A 0C9.

Les copies sur papier de tous les brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées de IHS Canada, 240 rue Catherine, pièce 305, Ottawa (Ontario), Canada, K2P 2G8, ou de composer le numéro (613) 237-4250, Télécopieur (613) 237-4251.

Numéro sans frais Amérique du Nord: 1-800-567-1914  
Courriel: [gic@ihscanada.ca](mailto:gic@ihscanada.ca)

## 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. Conseils relatifs à la préparation de demandes de brevets

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.

## 10. List of Patents Available for Licence or Sale

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

2,098,516  
2,155,889  
2,198,189  
2,219,045  
2,302,726

## 11. Expired Patents

For patent applications filed before October 1, 1989, the life of a Canadian patent is 17 years. Consequently all Canadian patents up to and including No. 1,168,400 which issued on May 29, 1984 have now expired. The inventions covered by these and all earlier patents may now be used by the public in Canada provided other unexpired patents are not infringed.

## 12. 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.

## 13. 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.

2,098,516  
2,155,889  
2,198,189  
2,219,045  
2,302,726

## 11. Brevets expirés

Pour toutes les demandes de brevet déposées avant le 1er octobre 1989, la durée d'un brevet canadien est de 17 ans. Par conséquent, tous les brevets canadiens qui ont été délivrés le 29 mai 1984 sont maintenant expirés, jusque et y compris le no. 1,168,400. Les inventions faisant l'objet de ces brevets et de tout brevet antérieur peuvent maintenant être utilisées par le public au Canada, pourvu qu'il n'y ait pas contre façon d'autres brevets non expirés.

## 12. Demandes mises à la disponibilité du public

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

## 13. 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

### 14. Patent Cooperation Treaty (PCT)

#### SCHEDULE OF FEES APPLICABLE AS OF APRIL 1, 2001

FEES	AMOUNTS \$
1. <b>Transmittal Fee:</b> (Rule 14)	200.00
2*. <b>Basic Fee:</b> Amount for each additional sheet over 30	562.00 13.00
3. <b>Designation Fee:</b> (Rule 15.2(a)) 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	121.00

4. **International Search Fee** 1,320.00  
The above mentioned fees are due at time of filing of the International Application, or within one month from the International Filing Date (date of receipt of the International Application by the Receiving Officer). If the International Application does not contain a priority claim, the Designation Fee is due within one year from the International Filing Date. These fees are to be paid in Canadian dollars and made payable to the Receiver General of Canada.

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

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

#### Preliminary Examination

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

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

The Preliminary Examination Fees are paid in Deutsche Marks or Euro Dollars. They should be paid directly to the European Patent Office in Munich but may now be filed in the Canadian Receiving Office..

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

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

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

TAXES	MONTANTS \$
1. <b>Taxe de transmission:</b> (Règle 14)	200,00
2*. <b>Taxe de base:</b> Montant pour chaque feuille au delà de 30	562,00 13,00
3. <b>Taxe de désignation</b> (par pays) (Règle 15.2(a)) 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 \$.	121,00

4. **Taxe de recherche internationale** 1 320,00  
Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date du dépôt de la demande (soit la date de réception de la demande internationale). Si la demande ne contient pas de revendication de priorité, la taxe de désignation est due dans un délai d'un an à compter de la date du dépôt de la demande internationale. Les taxes doivent être payées en dollars canadien et sont payables au Receveur Générale du Canada.

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

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

#### Examen préliminaire

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

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

Les taxes d'examen préliminaire sont payables directement au Bureau Européen des brevets à Munich en marks allemands ou en Euro Dollars. Elles doivent être payées à l'Office européen des brevets mais peuvent être payées à l'Office récepteur du Canada.

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



## Avis

### 15. 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>.

### 16. Lay-Open Applications

The Patent Office Record of May 29, 2001 contains laid-open applications from May 6, 2001 - May 12, 2001.

### 15. 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>.

### 16. 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 6 mai 2001 - 12 mai 2001.

# Canadian Patents Issued

May 29, 2001

## Brevets canadiens délivrés

29 mai 2001

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[11] **2,000,569**

[13] C

[51] **Int.Cl. 5C09J 109/00 5B32B 7/12**  
[25] EN  
[54] **ADHESIVE AND SEALING  
SUBSTANCE BASED ON RUBBER AND  
PROCESS FOR THE CONNECTION OR  
BONDING OF COMPONENTS OR  
STRUCTURAL PARTS**  
[54] **ADHESIF ET PRODUIT  
D'ETANCHEITE A BASE DE  
CAOUTCHOUC ET PROCEDE  
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[30] DE (P 38 34 818.7) 1988-10-13

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[25] EN  
[54] **SYSTEM FOR THE OPTIMAL GAS  
DISTRIBUTION IN REACTORS AND  
WALLS THEREOF**  
[54] **PROCEDE POUR LA  
DISTRIBUTION OPTIMALE DE GAZ  
DANS UN REACTEUR, PAROIS AINSI  
CONCUES**  
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[72] Zardi, Umberto, CH  
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[30] CH (03934/88-8) 1988-10-24

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[11] **2,003,023**

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[51] **Int.Cl. 5C07D 219/10 5C07D 221/16  
5A61K 31/47**  
[25] EN  
[54] **HYDROXY-1,2,3,4-  
TETRAHYDROAMINOACRIDINES, A  
PROCESS FOR THEIR PREPARATION  
AND THEIR USE AS MEDICAMENTS**  
[54] **HYDROXY-1,2,3,4-  
TETRAHYDROAMINOACRIDINES,  
PROCEDE DE PREPARATION ET  
UTILISATION COMME  
MEDICAMENTS**  
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[72] Tomer, John Dick, IV, US  
[73] HOECHST MARION ROUSSEL, INC.,  
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[51] **Int.Cl. 5C03C 3/076**  
[25] EN  
[54] **GLASS-LIKE MONOLITHS  
CONSTITUTED BY SILICON OXIDE  
AND TITANIUM OXIDE AND PROCESS  
FOR PREPARING THEM**  
[54] **METHODE DE PREPARATION DE  
MONOLITHES VITREUX COMPOSES  
D'OXYDE DE SILICIUM ET D'OXYDE  
DE TITANE**  
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[72] Bezzi, Giovanni, IT  
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THERMOPLASTIC RESINS**  
[54] **AGENTS DE NUCLEATION POUR  
DES RESINES THERMOPLASTIQUES**  
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[73] E.I. DU PONT DE NEMOURS AND  
COMPANY, US  
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[11] **2,010,882**

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[51] **Int.Cl. 5E02D 3/00**  
[25] EN  
[54] **STABILIZATION OF CEMENTED  
BACK FILL AREAS FOR MINES**  
[54] **STABILISATION PAR  
CIMENTATION DES AIRES DE  
REMBLAI, PAR SUITE DE  
L'EXPLOITATION MINIERE**  
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[51] **Int.Cl. 5F41A 23/34**  
[25] EN  
[54] **COMBAT VEHICLE WITH  
EXTENDIBLE COMBAT PLATFORM**  
[54] **VEHICULE DE COMBAT, AVEC  
PLATE-FORME DE COMBAT  
EXTENSIBLE**  
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[30] DE (P 39 09 490.1) 1989-03-21

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[11] 2,012,958  
[13] C

[51] Int.Cl. 5B65D 30/10  
[25] EN  
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[72] Fleury, Richard L., US  
[73] GKR Industries, Inc., US  
[22] 1990-03-23

[11] 2,013,031  
[13] C

[51] Int.Cl. 5F15B 3/00  
[25] EN  
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[54] ROBINET PNEUMATIQUE A ACTION PROPORTIONNELLE POUR LA MANOEUVRE DE MATERIELS LOURDS  
[72] Helfenstein, Jim, US  
[73] WILLIAMS CONTROLS INDUSTRIES, INC., US  
[22] 1990-03-26  
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[11] 2,013,209  
[13] C

[51] Int.Cl. 5C08K 3/34 5C08L 75/04 5C08J 3/20  
[25] EN  
[54] METHOD FOR REDUCING HOLLOW GLASS SPHERE FRACTURE IN THERMOPLASTIC RESIN BY IN SITU POLYMERIZATION/EXTRUSION  
[54] PROCEDE DE POLYMERISATION/ EXTRUSION IN SITU D'UNE RESINE THERMOPLASTIQUE AVEC INCORPORATION DE BILLES DE VERRE  
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[11] 2,013,596  
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[51] Int.Cl. 5H04B 1/02  
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[11] 2,014,258  
[13] C

[51] Int.Cl. 5G09F 3/03 5B31D 1/02 5G09F 3/10 5B41M 3/14  
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[72] Indrelie, Kenneth W., US  
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
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[11] 2,019,110  
[13] C

[51] Int.Cl. 5C08L 59/00  
[25] EN  
[54] POLYACETAL COMPOSITIONS CONTAINING A NON-MELTABLE POLYMER STABILIZER IMPROVED WITH A MINOR AMOUNT OF AT LEAST ONE MELTABLE CO-STABILIZER AND AT LEAST ONE PRIMARY ANTIOXIDANT  
[54] COMPOSITIONS DE POLYACETAL CONTENANT UN AGENT STABILISANT POLYMERIQUE NON FUSIBLE, AMELIORE AVEC UNE PETITE QUANTITE D'AU MOINS UN COSTABILISANT FUSIBLE ET D'AU MOINS UN ANTIOXYDANT PRIMAIRE  
[72] Hayes, Richard A., US  
[72] Wagman, Mark E., US  
[72] Kosinski, Leonard E.R., US  
[73] DU PONT (E. I.) DE NEMOURS AND COMPANY, US  
[22] 1990-06-15  
[30] US (366,558) 1989-06-15

[11] 2,019,111  
[13] C

[51] Int.Cl. 5C08L 59/00  
[25] EN  
[54] POLYACETAL COMPOSITIONS CONTAINING A NON-MELTABLE POLYMER STABILIZER IMPROVED WITH AT LEAST ONE AMIDE-CONTAINING PHENOLIC ANTIOXIDANT  
[54] COMPOSITIONS DE POLYACETAL CONTENANT UN AGENT STABILISANT POLYMERIQUE NON FUSIBLE AVEC AU MOINS UN ANTIOXYDANT PHENOLIQUE CONTENANT UN GROUPE AMIDE  
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[11] 2,019,273  
[13] C

[51] Int.Cl. 5A61K 31/00 5A61K 7/48  
[25] EN  
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[54] COMPOSES AMPHOTERIQUES ET FORMES POLYMERIQUES D'ALPHAHYDROXYACIDES ET LEUR USAGE THERAPEUTIQUE  
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[11] 2,020,333  
[13] C

[51] Int.Cl. 5B24C 3/32  
[25] EN  
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[11] **2,021,141**  
[13] C

[51] **Int.Cl. 5C07C 17/08 5C07C 19/08**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF 1,1,1-TRIFLUORO-2-CHLOROETHANE**  
[54] **PROCEDE DE PREPARATION DE 1,1,1-TRIFLUORO-2-CHLOROETHANE**  
[72] Wanzke, Wolfgang, DE  
[72] Siegemund, Günter, DE  
[72] Müller, Thomas, DE  
[73] SOLVAY (SOCIÉTÉ ANONYME), BE  
[22] 1990-07-13  
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[11] **2,022,927**  
[13] C

[51] **Int.Cl. 5C08L 23/16**  
[25] EN  
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[54] **COMPOSITION A BASE DE POLYPROPENE**  
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[13] C

[51] **Int.Cl. 5E21B 33/12**  
[25] EN  
[54] **SEALING ASSEMBLY FOR SUBTERRANEAN WELL PACKING UNIT**  
[54] **ENSEMBLE D'ETANCHEITE POUR OBTURATEUR DE Puits SOUTERRAIN**  
[72] Luke, Mike A., US  
[72] Stone, Patrick C., US  
[73] BAKER HUGHES INC., US  
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[13] C

[51] **Int.Cl. 5G10L 9/00**  
[25] EN  
[54] **METHOD FOR IMPROVING SPEECH QUALITY IN CODE EXCITED LINEAR PREDICTIVE SPEECH CODING**  
[54] **METHODE REHAUSSANT LA QUALITE DE LA SYNTHESE DE LA PAROLE PAR CODAGE PREDICTIF LINEAIRE A SIGNAUX EXCITATEURS CODES**  
[72] Zinser, Richard Louis, US  
[73] GENERAL ELECTRIC COMPANY, US  
[22] 1990-07-19  
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[13] C

[51] **Int.Cl. 5G06F 15/66**  
[25] EN  
[54] **METHOD AND APPARATUS FOR FILING CONTOURS IN DIGITAL TYPEFACES**  
[54] **METHODE DE REMPLISSAGE NUMERIQUE DES CONTOURS DE CARACTERES**  
[72] Martinez, Eduardo, US  
[72] Valdes, Jacobo, US  
[73] SUN MICROSYSTEMS, INC., US  
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[11] **2,024,942**  
[13] C

[51] **Int.Cl. 5A61M 37/00**  
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[54] **DEBITEUR IMPLANTABLE A DECHARGE TEMPORISEE**  
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[72] Magruder, Judy A., US  
[72] Wright, Jeremy C., US  
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[25] EN  
[54] **PROCESS FOR EFFICIENT MOLECULAR WEIGHT CONTROL IN COPOLYMERIZATION**  
[54] **PROCEDE POUR CONTROLER LA MASSE MOLECULAIRE DANS LA COPOLYMERISATION**  
[72] Swift, Graham, US  
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[73] ROHM AND HAAS COMPANY, US  
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[11] **2,024,008**  
[13] C

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[25] EN  
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[54] **SYSTEME DE FILTRE PERMETTANT DE RECYCLER LES HUILES DE GRAISSAGE**  
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[72] Ladwig, Paul Kevin, US  
[73] EXXON RESEARCH AND ENGINEERING COMPANY, US  
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[30] US (404,154) 1989-09-07

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[13] C

[51] **Int.Cl. 5C08J 9/28 5B01D 71/26 5B29C 47/88**  
[25] EN  
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[54] **MEMBRANE DE POLYOLEFINE MICROPOREUSE ET METHODE DE PRODUCTION CONNEXE**  
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[72] Okamoto, Kenkichi, JP  
[72] Takashima, Tatsuya, JP  
[72] Kono, Koichi, JP  
[73] Tonen Corporation, JP  
[22] 1990-09-17

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[13] C

[51] Int.Cl. 5F25B 11/00 5F25J 3/04  
[25] FR  
[54] **PROCEDE DE PRODUCTION FRIGORIFIQUE, CYCLE FRIGORIFIQUE CORRESPONDANT ET LEUR APPLICATION A LA DISTILLATION D'AIR**  
[54] **REFRIGERATION PROCESS, CORRESPONDING REFRIGERANT CYCLE AND THEIR APPLICATION TO LIQUID NITROGEN AND LIQUID OXYGEN PRODUCTION**  
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[73] Air Liquide, société anonyme pour l'Étude et l'Exploitation des, FR  
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[30] FR (89 12 517) 1989-09-25

[11] 2,025,938  
[13] C

[51] Int.Cl. 5C12N 15/31 5C12P 21/02 5C12N 5/10 5C12N 1/15 5C12N 1/21 6C07K 14/235  
[25] EN  
[54] **CLONING OF THE GENE WHICH CODES FOR THE PILINIC SUBUNIT FIM3 OF BORDETELLA PERTUSSIS**  
[54] **CLONAGE DU GENE CODANT POUR LA SOUS-UNITE PILINIQUE FIM3 DE BORDETELLA PERTUSSIS**  
[72] Cuzzoni, Anna, IT  
[72] Riboli, Barbara, IT  
[72] Pedroni, Paola, IT  
[72] Grandi, Guido, IT  
[72] De Ferra, Francesca, IT  
[73] ENICICERCHE S.p.A., IT  
[22] 1990-09-21  
[30] IT (21808-A/89) 1989-09-22

[11] 2,026,168  
[13] C

[51] Int.Cl. 5B62B 3/00  
[25] EN  
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[54] **CHARIOT A PAROIS LATERALES SEGMENTEES**  
[72] Kelley, James O., US  
[72] Goodman, Steven F., US  
[73] Milcare, Inc., US  
[22] 1990-09-25  
[30] US (442,188) 1989-11-28

[11] 2,027,016  
[13] C

[51] Int.Cl. 5C07D 317/62  
[25] FR  
[54] **PROCEDE DE PREPARATION DE DIFLUORO-2,2 BENZODIOXOLE-1,3**  
[54] **PROCESS FOR PREPARING 2,2-DIFLUORO-1,3-BENZODIOXOLE**  
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[72] Crochemore, Michel, FR  
[72] Langlois, Bernard, FR  
[73] RHODIA CHIMIE, FR  
[22] 1990-10-05  
[30] FR (89 13369) 1989-10-09

[11] 2,027,257  
[13] C

[51] Int.Cl. 5B22F 9/24 5C22B 5/00 5B22F 1/00 5C22C 1/04  
[25] EN  
[54] **PROCESS FOR PREPARING MICROCRYSTALLINE-TO-AMORPHOUS METAL AND/OR ALLOY POWDERS AND METALS AND/OR ALLOYS DISSOLVED WITHOUT PROTECTIVE COLLOID IN ORGANIC SOLVENTS**  
[54] **PROCEDE POUR PREPARER DES METAUX MICROCRISTALLINS A AMORPHES ET (OU) DES POUDRES D'ALLIAGES ET DES METAUX ET (OU) DES ALLIAGES DISSOUS SANS REVETEMENT PROTECTEUR COLLOIDAL DANS DES SOLVANTS ORGANIQUES**  
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[73] Studiengesellschaft Kohle mbH, DE  
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[30] DE (P 39 34 351.0) 1989-10-14

[11] 2,028,330  
[13] C

[51] Int.Cl. 5A21B 1/00  
[25] EN  
[54] **FORCED CONVECTION TUNNEL OVEN**  
[54] **FOUR TUNNEL A CONVECTION FORCEE**  
[72] Plumb, William W., US  
[72] High, Jarald E., US  
[72] Smith, Donald P., US  
[73] PatentSmith II, Inc., US  
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[11] 2,030,517  
[13] C

[51] Int.Cl. 5B01L 3/00 5G01N 1/18 5G01N 33/52 5G01N 21/64  
[25] EN  
[54] **MULTIANALYTE TEST VEHICLE**  
[54] **APPAREIL D'ESSAI POUR MELANGES D'ANALYSES MULTIPLES**  
[72] Eason, Stephen W., GB  
[72] Attridge, John, GB  
[72] Degroot, Simon, GB  
[73] APPLIED RESEARCH SYSTEMS ARS HOLDING N.V., AN  
[85] 1990-11-21  
[86] 1990-04-11 (PCT/GB90/00556)  
[87] (WO90/11830)  
[30] GB (8908112.9) 1989-04-11  
[30] GB (8920618.9) 1989-09-12

[11] 2,031,118  
[13] C

[51] Int.Cl. 5F21Q 3/00  
[25] EN  
[54] **DIRECTION DEPENDENT LINE LIGHT SOURCE**  
[54] **SOURCE LUMINEUSE LINEAIRE**  
[72] Dreyer, John F., Jr., US  
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[22] 1990-11-29  
[30] US (07/462,755) 1990-01-10

[11] 2,031,283  
[13] C

[51] Int.Cl. 5F41G 7/00 5F42B 15/00  
[25] EN  
[54] **SPOILER TORQUE CONTROLLED SUPERSONIC MISSILE**  
[54] **MISSILE SUPERSONIQUE A COMMANDE ASSERVIE AU COUPLE EXERCE SUR LES SPOILERS**  
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[73] Aérospatiale Société Nationale Industrielle, FR  
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[13] C

[51] **Int.Cl. 5C12N 1/06 5C12P 1/02**  
[25] EN  
[54] **METHODS FOR THE BIOLOGICAL INACTIVATION OF NUCLEIC ACIDS**  
[54] **METHODES D'INACTIVATION BIOLOGIQUE DES ACIDES NUCLEIQUES**  
[72] Broker, Michael, DE  
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[73] BEHRINGWERKE AKTIENGESELLSCHAFT, DE  
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[30] DE (P 39 39 771.8) 1989-12-01

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[11] **2,031,803**  
[13] C

[51] **Int.Cl. 6C07K 9/00 6A61K 38/14**  
[25] EN  
[54] **IMPROVEMENTS IN OR RELATING TO GLYCOPEPTIDE DERIVATIVES**  
[54] **DERIVES DE GLYCOPEPTIDES**  
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[13] C

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[25] EN  
[54] **MULTISTEP SYNTHESIS OF HEXAFLUOROPROPYLENE**  
[54] **SYNTHESE DE L'HEXAFLUOROPROPYLENE EN PLUSIEURS ETAPES**  
[72] Webster, James L., US  
[72] Trofimenko, Swiatoslaw, US  
[72] Resnick, Paul R., US  
[72] Bruhnke, Douglas W., US  
[72] Lerou, Jan J., US  
[72] Manogue, William H., US  
[72] Manzer, Leo E., US  
[72] Mc Cann, Elrey L., US  
[72] Swearingen, Steven H., US  
[72] Trainham, James A., US  
[72] Bonifaz, Cristobal, US  
[73] DU PONT (E. I.) DE NEMOURS AND COMPANY, US  
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[22] 1990-12-14  
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[11] **2,033,725**  
[13] C

[51] **Int.Cl. 5A61K 9/107 5A61K 7/48**  
[25] EN  
[54] **PHARMACEUTICAL AND COSMETIC COMPOSITIONS CONTAINING A SALT OF CHOLANIC ACID**  
[54] **COMPOSITIONS PHARMACEUTIQUES ET COSMETIQUES**  
[72] Pittrof, Folker, DE  
[72] Supersaxo, Andreas, US  
[73] F. HOFFMANN-LA ROCHE AG, CH  
[22] 1991-01-07  
[30] CH (222/90) 1990-01-24

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[11] **2,034,658**  
[13] C

[51] **Int.Cl. 5H01S 3/094 5H01S 3/025 5G02F 1/39**  
[25] EN  
[54] **OPTICAL POWER AMPLIFIER WITH AL2O3 WITH ERBIUM DOPED ACTIVE FIBER**  
[54] **AMPLIFICATEUR DE PUISSANCE OPTIQUE A FIBRE ACTIVE DOPEE DE AL2O3 ET D'ERBIUM**  
[72] Meli, Fausto, IT  
[72] Grasso, Giorgio, IT  
[72] Righetti, Aldo, IT  
[73] Pirelli Cavi S.p.A., IT  
[22] 1991-01-21  
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[11] **2,034,881**  
[13] C

[51] **Int.Cl. 5C12N 15/62 6C07K 19/00 6A61K 38/16 6A61K 38/46 5C12N 9/48 5C12N 15/57**  
[25] EN  
[54] **FACTOR X-LACI HYBRID PROTEIN**  
[54] **PROTEINE HYBRIDE FACTEUR X-LACI**  
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[72] Broze, George J., Jr., US  
[73] WASHINGTON UNIVERSITY, US  
[22] 1991-01-24  
[30] US (470,289) 1990-01-25

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[11] **2,035,024**  
[13] C

[51] **Int.Cl. 6A01N 43/24 6A01N 43/90**  
[25] EN  
[54] **NOVEL GLYOXYLATES AND HERBICIDAL AND PLANT GROWTH REGULANT ACTIVITY OF GLYOXYLATES**  
[54] **NOUVEAUX GLYOXYLATES ET ACTIVITE HERBICIDE ET DE REGULATION DE LA CROISSANCE DES PLANTES DES GLYOXYLATES**  
[72] Barnes, Keith D., US  
[72] Hotzman, Frederick W., US  
[72] Limpel, Lawrence E., US  
[72] Magee, Thomas A., US  
[73] GB BIOSCIENCES CORPORATION, US  
[85] 1991-02-19  
[86] 1990-06-27 (PCT/US90/03672)  
[87] (WO91/00009)  
[30] US (373,210) 1989-06-29  
[30] US (542,563) 1990-06-25

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[11] **2,035,170**  
[13] C

[51] **Int.Cl. 5H01J 9/12**  
[25] FR  
[54] **PROCEDE DE FABRICATION D'UNE CATHODE IMPREGNEE ET CATHODE OBTENUE PAR CE PROCEDE**  
[54] **MANUFACTURING PROCESS FOR AN EMBEDDED CATHODE AND CATHODE PRODUCED THEREFROM**  
[72] Shroff, Arvind, FR  
[73] THOMSON TUBES ÉLECTRONIQUES, FR  
[22] 1991-01-29  
[30] FR (90 01 518) 1990-02-09

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[11] **2,035,786**  
[13] C  
[51] **Int.Cl. 5F16B 31/02 5E21D 21/02**  
[25] EN  
[54] **INDICATOR-NUT THREADED COUPLING WITH LOAD-INDICATING DEVICE ADAPTED TO BE ARRANGED ON ANCHORS, IN PARTICULAR GROUTED ANCHORS FOR MINING OR THE LIKE**  
[54] **RACCORD FILETE A ECROU-REPERE A DISPOSITIF INDICATEUR DE CHARGE A MONTER SUR TIRANTS D'ANCRAGE, EN PARTICULIER DE TIRANTS CIMENTES POUR APPLICATIONS MINIERES OU ANALOGUES**  
[72] Ischebeck, Ernst F., DE  
[72] Isenberg, Joachim, DE  
[73] Friedr. Ischebeck GmbH, DE  
[22] 1991-02-06  
[30] DE (P 40 10 476.1) 1990-03-31

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[11] **2,036,704**  
[13] C  
[51] **Int.Cl. 5B60T 17/22 5F16D 66/00 5G01R 31/00 5G01R 31/318**  
[25] EN  
[54] **TRANSDUCER OPERATION FAULT DETERMINATION SYSTEM**  
[54] **SYSTEME DE DETECTION DES DEFAILLANCES D'UN TRANSDUCTEUR**  
[72] Drake, John W., US  
[72] Wood, James A., US  
[73] AMERICAN STANDARD INC., US  
[22] 1991-02-20  
[30] US (07/481,927) 1990-02-20

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[11] **2,037,725**  
[13] C  
[51] **Int.Cl. 5G01F 23/14**  
[25] EN  
[54] **LOW FRICTION TRUNNION BEARING AND HIGH PRESSURE SEAL**  
[54] **PALIER DE TOURILLON A FAIBLE INDICE DE FROTTEMENT ET GARNITURE D'ETANCHEITE HAUTE PRESSION**  
[72] Winkler, Richard Jay, US  
[73] FISHER CONTROLS INTERNATIONAL, INC., US  
[22] 1991-03-07  
[30] US (07/491,042) 1990-03-08

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[11] **2,039,314**  
[13] C  
[51] **Int.Cl. 5B29C 39/10 5C09J 11/00**  
[25] FR  
[54] **PROCEDE POUR L'OBTENTION DE BLOCS D'AUTO-ADHESIFS THERMOFUSIBLES A SURFACE NON COLLANTE**  
[54] **PROCESS FOR THE PREPARATION OF NON SURFACE STICKING, FUSIBLE, SELF-ADHESIVE BLOCKS**  
[72] Colombani, Jean Jacques, FR  
[73] Ceca S.A., FR  
[22] 1991-03-28  
[30] FR (9004154) 1990-04-02

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[11] **2,039,576**  
[13] C  
[51] **Int.Cl. 5E04G 1/00**  
[25] EN  
[54] **BULK MATERIAL LOAD VEHICLE ACCESS SYSTEM**  
[54] **SYSTEME D'ACCES A UN VEHICULE CHARGE DE MATERIAU EN VRAC**  
[72] Bennett, Ronald W., US  
[72] Pech, Bruce A., US  
[73] Aluminum Ladder Company, US  
[22] 1991-04-02  
[30] US (07/538,765) 1990-06-15

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[11] **2,039,959**  
[13] C  
[51] **Int.Cl. 5C03C 3/089 5C03C 3/083**  
[25] FR  
[54] **COMPOSITION DE VERRE COLORE ET VITRAGE REALISE A PARTIR DUDIT VERRE**  
[54] **COLORLED GLASS COMPOSITION AND GLAZING THUS OBTAINED**  
[72] Combes, Pierre, FR  
[72] Massol, Jean-Jacques, FR  
[72] Casariego Alvarez, Pédro, ES  
[73] SAINT-GOBAIN VITRAGE INTERNATIONAL, FR  
[22] 1991-04-08  
[30] FR (90 04805) 1990-04-13

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[11] **2,041,104**  
[13] C  
[51] **Int.Cl. 5D06Q 1/12 5B41M 5/00**  
[25] FR  
[54] **PROCEDE POUR IMPRIMER CHAINE UN MOTIF SUR UNE ETOFFE, ET DISPOSITIF POUR LA MISE EN OEUVRE DE CE PROCEDE**  
[54] **PROCESS FOR CHAIN PRINTING OF A PATTERN ONTO A FABRIC, AND APPLICATION DEVICE**  
[72] Corbière, Claude, FR  
[73] Corbière S.A., FR  
[73] Teintureries de la Turdine, FR  
[22] 1991-04-24  
[30] FR (90 06896) 1990-05-29

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[11] **2,042,404**  
[13] C  
[51] **Int.Cl. 5C07C 2/66 5C07C 15/02 5C07C 39/06 5C07C 37/14**  
[25] EN  
[54] **ALKYLATION OF AROMATICS**  
[54] **ALKYLATION DE SUBSTANCES AROMATIQUES**  
[72] Kushnerick, John D., US  
[72] Rubin, Mae K., US  
[72] Marler, David O., US  
[72] Wong, Stephen S. F., SG  
[72] Smith, Charles M., US  
[72] Le, Quang N., US  
[72] McWilliams, John P., US  
[72] Shim, Joosup, US  
[73] MOBIL OIL CORPORATION, US  
[85] 1991-05-29  
[86] 1990-04-09 (PCT/US90/02038)  
[87] (WO91/11411)  
[30] US (469,998) 1990-01-25  
[30] US (470,015) 1990-01-25  
[30] US (469,999) 1990-01-25

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[11] **2,043,762**  
[13] C  
[51] **Int.Cl. 5C12N 9/16 5C12P 21/04**  
[25] EN  
[54] **LIPOPEPTIDE DEACYLASE**  
[54] **LIPOPEPTIDE DESACYLASE**  
[72] Kreuzman, Adam J., US  
[72] Yeh, Wu-Kuang, US  
[73] ELI LILLY AND COMPANY, US  
[22] 1991-06-03  
[30] US (07/534,394) 1990-06-07

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[11] **2,044,712**  
[13] C

[51] **Int.Cl. 5B05B 7/24**  
[25] EN  
[54] **SIMPLIFIED AIR BRUSH APPARATUS**  
[54] **DISPOSITIF SIMPLIFIE DE BROUSSE PNEUMATIQUE**  
[72] Bolton, Terence William, GB  
[73] Bolton, Terence William, GB  
[22] 1991-06-19  
[30] GB (9013745.6) 1990-06-20

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[11] **2,046,625**  
[13] C

[51] **Int.Cl. 5H01P 5/08 5G03D 3/06**  
[25] EN  
[54] **IMPEDANCE-MATCHING COUPLER**  
[54] **COUPLEUR A ADAPTATION D'IMPEDANCE**  
[72] Margulis, Walter, BR  
[72] Ribeiro Carvalho, Maria Cristina, BR  
[73] FUNDACAO CPQD - CENTRO DE PESQUISA E DESENVOLVIMENTO EM TELECOMUNICACOES, BR  
[85] 1991-08-06  
[86] 1990-12-06 (PCT/BR90/00020)  
[87] (WO91/09432)  
[30] BR (8906400) 1989-12-07

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[11] **2,047,177**  
[13] C

[51] **Int.Cl. 5E02B 3/04 5E02D 29/00**  
[25] EN  
[54] **UNDERWATER SOIL RETENTION STRUCTURES**  
[54] **STRUCTURES SOUS-MARINES ANTI-EROSION**  
[72] Alsop, Peter, GB  
[73] Ryu, Joon Geol, KR  
[85] 1991-08-23  
[86] 1990-02-21 (PCT/GB90/00272)  
[87] (WO90/10113)  
[30] GB (8904170.1) 1989-02-23

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[11] **2,047,178**  
[13] C

[51] **Int.Cl. 5E02D 5/80**  
[25] EN  
[54] **GROUND ANCHORING SYSTEM**  
[54] **SYSTEME D'ANCRAGE AU SOL**  
[72] Alsop, Peter, GB  
[73] Ryu, Joon Geol, KR  
[85] 1991-08-23  
[86] 1990-02-21 (PCT/GB90/00273)  
[87] (WO90/10114)  
[30] GB (8904169.3) 1989-02-23

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[11] **2,048,798**  
[13] C

[51] **Int.Cl. 5H01Q 1/42**  
[25] EN  
[54] **ANTENNA SUNSHIELD MEMBRANE**  
[54] **MEMBRANE DE PROTECTION CONTRE LE SOLEIL POUR ANTENNE**  
[72] Bogorad, Alexander, US  
[72] Bowman, Charles Kenneth, Jr., US  
[72] Meder, Martin Gerhardt, US  
[73] GENERAL ELECTRIC COMPANY, US  
[22] 1991-08-08  
[30] US (623,148) 1990-12-05

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[11] **2,048,939**  
[13] C

[51] **Int.Cl. 5H04L 7/00**  
[25] EN  
[54] **ZERO-SYNC-TIME APPARATUS FOR ENCODING AND DECODING**  
[54] **APPAREIL DE CODAGE ET DE DECODAGE A TEMPS DE SYNCHRONISATION NUL**  
[72] Hoppes, Ronald R., US  
[73] HONEYWELL INC., US  
[22] 1991-08-12  
[30] US (07/568,007) 1990-08-16

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[11] **2,049,302**  
[13] C

[51] **Int.Cl. 5A61K 47/26 5A61K 9/72**  
[25] EN  
[54] **AEROSOL CARRIERS**  
[54] **EXCIPIENTS AEROSOLS**  
[72] Ganderton, David, GB  
[72] Kassem, Nuha M., GB  
[73] BTG INTERNATIONAL LIMITED, GB  
[85] 1991-09-23  
[86] 1991-01-24 (PCT/GB91/00103)  
[87] (WO91/11179)  
[30] GB (90016353) 1990-01-24

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[11] **2,049,321**  
[13] C

[51] **Int.Cl. 5A01D 87/12**  
[25] EN  
[54] **MOBILE BALE COLLECTOR**  
[54] **COLLECTEUR DE BALLE MOBILE**  
[72] Meijer, Thomas Harke Daniel, NL  
[73] Meijer, Thomas Harke Daniel, NL  
[85] 1991-09-20  
[86] 1990-03-15 (PCT/NL90/00031)  
[87] (WO90/11007)  
[30] NL (8900682) 1989-03-20

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[11] **2,049,410**  
[13] C

[51] **Int.Cl. 5G02F 1/133**  
[25] EN  
[54] **LIQUID CRYSTAL DEVICE AND PROCESS FOR PRODUCING THE SAME**  
[54] **DISPOSITIF A CRISTAL LIQUIDE ET PROCEDE DE FABRICATION**  
[72] Takeuchi, Kiyofumi, JP  
[72] Takatsu, Haruyoshi, JP  
[72] Umezu, Yasuo, JP  
[73] DAINIPPON INK AND CHEMICALS, INC., JP  
[22] 1991-08-16  
[30] JP (2-216629) 1990-08-17  
[30] JP (2-270104) 1990-10-08  
[30] JP (3-1527) 1991-01-10

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[11] **2,049,411**  
[13] C

[51] **Int.Cl. 5B01D 53/34**  
[25] EN  
[54] **AN IMPROVED LIN FLUE GAS SOX/NOX REMOVAL PROCESS AND ITS BY-PRODUCT UTILIZATION**  
[54] **PROCEDE D'EXTRACTION EN CONDUITE DES OXYDES DE SOUFRE ET D'AZOTE D'UN FLUX GAZEUX ET UTILISATION DES SOUS-PRODUITS DUDIT PROCEDE**  
[72] Lin, Ping-Wha, US  
[73] Lin, Ping-Wha, US  
[22] 1991-08-16  
[30] US (07/569,173) 1990-08-17

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[11] **2,049,869**  
[13] C

[51] **Int.Cl. 5G02B 1/08 5G02F 1/07 5F21V 9/14**  
[25] EN  
[54] **LIGHT-POLARIZING MATERIAL BASED ON ETHELENE DIAMINE POLYACETIC ACID DERIVATIVES**  
[54] **MATIERE POLARISANT LA LUMIERE A BASE DE DERIVES DE L'ACIDE ETHYLENE DIAMINE POLYACETIQUE**  
[72] Check, Joseph Aloysius, III, US  
[72] Saxe, Robert L., US  
[73] Research Frontiers Incorporated, US  
[22] 1991-08-26

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[11] **2,052,359**  
[13] C  
[51] **Int.Cl. 5H01B 7/34 5H01B 3/02**  
[25] EN  
[54] **FLAME RESISTANT ELECTRIC CABLE**  
[54] **CABLE ELECTRIQUE ININFLAMMABLE**  
[72] Beauchamp, Mark, CA  
[73] Harbour Industries (Canada) Ltd., CA  
[22] 1991-09-27

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[11] **2,053,339**  
[13] C  
[51] **Int.Cl. 5C07D 239/46 5C07D 473/00 5C07F 9/6512**  
[25] EN  
[54] **HYDROXYMETHYL(METHYLENECYCLOPENTYL) PURINES AND PYRIMIDINES**  
[54] **HYDROXYMETHYL(METHYLENECYCLOPENTYL) PURINES ET PYRIMIDINES**  
[72] Zahler, Robert, US  
[72] Slusarchyk, William A., US  
[73] BRISTOL-MYERS SQUIBB COMPANY, US  
[22] 1991-10-11  
[30] US (599,568) 1990-10-18

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[11] **2,053,439**  
[13] C  
[51] **Int.Cl. 5C08L 63/02 5C08L 63/10**  
[25] EN  
[54] **EPOXY RESIN BLEND FOR RESIN TRANSFER MOLDING AND FILAMENT WINDING**  
[54] **MELANGE DE RESINE EPOXYDE POUR MOULAGE PAR TRANSFERT DE RESINE ET PAR ENROULEMENT FILAMENTAIRE**  
[72] Crosby, David A., US  
[72] Lowe, Kenneth A., US  
[73] ALLIANT TECHSYSTEMS INC., US  
[22] 1991-10-15  
[30] US (613,421) 1990-11-15

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[11] **2,054,263**  
[13] C  
[51] **Int.Cl. 5A61K 49/02**  
[25] EN  
[54] **PROCESS FOR PREPARING A RADIOPHARMACEUTICAL COMPOSITION**  
[54] **PROCEDE DE PREPARATION D'UNE COMPOSITION RADIOPHARMACEUTIQUE**  
[72] Kondo, Susumu, JP  
[72] Okano, Sakae, JP  
[72] Azuma, Makoto, JP  
[73] Nihon Medi-Physics Co., Ltd., JP  
[22] 1991-10-25  
[30] JP (296563/1990) 1990-10-31

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[11] **2,055,448**  
[13] C  
[51] **Int.Cl. 5G05G 1/14**  
[25] EN  
[54] **CONTROL PEDAL APPARATUS FOR A MOTOR VEHICLE**  
[54] **MECANISME PERMETTANT DE REGLER UNE PEDALE DANS UN VEHICULE AUTOMOBILE**  
[72] Cicotte, Edmond B., US  
[72] Sitrin, Gabriel M., US  
[73] COMCORP TECHNOLOGIES, INC., US  
[85] 1991-10-30  
[86] 1990-04-26 (PCT/US90/02298)  
[87] (WO90/13862)  
[30] US (345,784) 1989-05-01

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[11] **2,056,880**  
[13] C  
[51] **Int.Cl. 5E02F 3/40**  
[25] EN  
[54] **LIGHTWEIGHT EXCAVATOR DIPPER WITH REPLACEABLE TOP AND BOTTOM SECTIONS**  
[54] **GODET CHARGEUR-BUTTE LEGER POUR EXCAVATRICE, AVEC PIECES SUPERIEURE ET INFERIEURE REMPLACABLES**  
[72] McCreary, Robert A., Jr., US  
[73] ATLANTIC RICHFIELD COMPANY, US  
[22] 1991-12-03  
[30] US (07/651,163) 1991-02-06

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[11] **2,058,173**  
[13] C  
[51] **Int.Cl. 5G11B 11/10**  
[25] EN  
[54] **METHOD OF REPRODUCING SIGNALS RECORDED ON A MAGNETOOPTIC RECORDING MEDIUM**  
[54] **METHODE DE LECTURE DE SIGNAUX ENREGISTRES SUR UN SUPPORT D'ENREGISTREMENT MAGNETO-OPTIQUE**  
[72] Ohta, Masumi, JP  
[72] Aratani, Katsuhisa, JP  
[73] SONY CORPORATION, JP  
[22] 1991-12-20  
[30] JP (P418110/90) 1990-12-28

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[11] **2,058,202**  
[13] C  
[51] **Int.Cl. 5G11B 11/10**  
[25] EN  
[54] **MAGNETO-OPTICAL RECORDING MEDIUM AND METHOD FOR REPRODUCING SIGNAL USING AN EXTERNAL MAGNETIC FIELD FROM SUCH A MEDIUM**  
[54] **SUPPORT D'ENREGISTREMENT MAGNETO-OPTIQUE ET METHODE DE LECTURE DE SIGNAUX UTILISANT UN CHAMP MAGNETIQUE EXTERNE**  
[72] Ohta, Masumi, JP  
[72] Aratani, Katsuhisa, JP  
[73] SONY CORPORATION, JP  
[22] 1991-12-20  
[30] JP (P415025/90) 1990-12-27

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[11] **2,058,279**  
[13] C  
[51] **Int.Cl. 5H04N 5/21**  
[25] EN  
[54] **TELEVISION RECEIVER**  
[54] **RECEPTEUR DE TELEVISION**  
[72] Shellard, Christopher John, GB  
[73] FERGUSON LIMITED, GB  
[22] 1991-12-20  
[30] GB (90/28098.3) 1990-12-27

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[11] **2,058,581**  
[13] C

[51] **Int.Cl. 5G06F 13/38**  
[25] EN  
[54] **APPARATUS AND METHOD FOR A SYNCHRONOUS, HIGH SPEED, PACKET-SWITCHED BUS**  
[54] **DISPOSITIF ET METHODE DE TRANSMISSION DE DONNEES POUR BUT RAPIDE SYNCHROME A COMMUTATION DE PAQUETS**  
[72] Sindhu, Pradeep S., US  
[72] Liencres, Bjorn, US  
[72] Cruz-Rios, Jorge, US  
[72] Lee, Douglas B., US  
[72] Chang, Jung-Herng, US  
[72] Frailong, Jean-Marc, US  
[73] XEROX CORPORATION, US  
[73] SUN MICROSYSTEMS, INC., US  
[22] 1991-12-30  
[30] US (636,446) 1990-12-31

[11] **2,058,618**  
[13] C

[51] **Int.Cl. 5F04C 18/02**  
[25] EN  
[54] **SCROLL COMPRESSOR WITH DISCHARGE VALVE OPENED BY CENTRIFUGAL FORCE**  
[54] **COMPRESSEUR A VOLUTES AVEC VANNE DE VIDANGE OUVRANT PAR FORCE CENTRIFUGE**  
[72] Noboru, Yoshinori, JP  
[72] Mitsunaga, Toshihiko, JP  
[72] Sugimoto, Kazuyoshi, JP  
[73] Sanyo Electric Co., Ltd., JP  
[85] 1991-12-06  
[86] 1991-04-19 (PCT/JP91/00520)  
[87] (WO91/17360)  
[30] JP (2/113136) 1990-04-27  
[30] JP (2/188752) 1990-07-16

[11] **2,059,495**  
[13] C

[51] **Int.Cl. 5G11B 23/03**  
[25] EN  
[54] **DISC CARTRIDGE**  
[54] **CARTOUCHE DE DISQUE**  
[72] Fujisawa, Hirotohi, JP  
[73] SONY CORPORATION, JP  
[22] 1992-01-16  
[30] JP (P019139/91) 1991-01-21  
[30] JP (P155453/91) 1991-05-31

[11] **2,059,677**  
[13] C

[51] **Int.Cl. 5B01D 19/04 5C11D 17/06 5C11D 3/37**  
[25] EN  
[54] **DETERGENT FOAM CONTROL AGENTS**  
[54] **AGENTS DE CONTROLE DE LA MOUSSE POUR DETERGENTS**  
[72] Smith, Graeme S., US  
[73] Dow Corning S.A., BE  
[22] 1992-01-20  
[30] BE (9101606.3) 1991-01-24

[11] **2,061,373**  
[13] C

[51] **Int.Cl. 5C08L 61/14 5B22C 1/22**  
[25] EN  
[54] **ALKALINE RESOL PHENOL-ALDEHYDE RESIN BINDER COMPOSITIONS**  
[54] **COMPOSITIONS ALCALINES DE LIANT DE RESINE RESOL PHENOL-ALDEHYDE**  
[72] Smith, Garry, GB  
[72] Bradley, Martin, GB  
[73] Fosco International Limited, GB  
[22] 1992-02-17  
[30] GB (9105314) 1991-03-13

[11] **2,064,284**  
[13] C

[51] **Int.Cl. 5G11B 5/187 5G11B 5/29**  
[25] EN  
[54] **MAGNETIC HEAD AND A DIGITAL RECORDING MAGNETIC HEAD**  
[54] **TETE MAGNETIQUE POUR L'ENREGISTREMENT NUMERIQUE**  
[72] Ogata, Seiichi, JP  
[72] Kawaguchi, Moriyuki, JP  
[72] Kanota, Keiji, JP  
[72] Kubota, Yukio, JP  
[72] Sato, Heikichi, JP  
[72] Abe, Iwao, JP  
[73] SONY CORPORATION, JP  
[22] 1992-03-27  
[30] JP (P091543/91) 1991-03-29  
[30] JP (P097885/91) 1991-04-04  
[30] JP (P322500/91) 1991-11-11

[11] **2,064,848**  
[13] C

[51] **Int.Cl. 5G03G 15/16 5G03G 15/10 5G03G 15/12**  
[25] EN  
[54] **IMAGING METHOD AND APPARATUS**  
[54] **METHODE ET APPAREIL D'IMAGERIE**  
[72] LANDA, Benzion, CA  
[72] Lavon, Amiran, IL  
[72] Niv, Yehuda, IL  
[72] Pinhas, Hanna, IL  
[72] Adam, Yossi, IL  
[72] Krumberg, Yakov, IL  
[73] INDIGO N.V., NL  
[85] 1992-02-12  
[86] 1990-07-23 (PCT/NL90/00099)  
[87] (WO91/03007)  
[30] US (393,649) 1989-08-14  
[30] US (400,717) 1989-08-30  
[30] US (446,877) 1989-12-06  
[30] US (508,287) 1990-04-13  
[30] NL (PCT/NL90/00048) 1990-04-17

[11] **2,064,915**  
[13] C

[51] **Int.Cl. 5C12P 21/08 6C07K 16/24 5A61K 47/48**  
[25] EN  
[54] **TUMOUR NECROSIS FACTOR BINDING LIGANDS**  
[54] **LIGANDS DE FIXATION DU FACTEUR DE NECROSE TUMORALE**  
[72] Rathjen, Deborah A., AU  
[72] Roger, Aston, GB  
[73] Peptide Technology Ltd., AU  
[85] 1992-02-06  
[86] 1990-08-07 (PCT/AU90/00337)  
[87] (WO91/02078)  
[30] AU (PJ5662) 1989-08-07  
[30] AU (PJ7576) 1989-11-24

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[11] 2,065,292  
[13] C

[51] Int.Cl. 5A61K 39/395 6A61K 38/04  
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[25] EN  
[54] INHIBITION OF LYMPHOCYTE  
ADHERENCE TO VASCULAR  
ENDOTHELIUM UTILIZING A NOVEL  
EXTRACELLULAR MATRIX  
RECEPTOR-LIGAND INTERACTION  
[54] INHIBITION DE L'ADHERENCE  
DES LYMPHOCYTES A  
L'ENDOTHELIUM VASCULAIRE  
FAISANT APPEL A UNE NOUVELLE  
INTERACTION RECEPTEUR  
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[51] Int.Cl. 5C08L 51/08  
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STAR POLYMERS  
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NOMBREUSES BRANCHES, TRES  
REGULIERS  
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TRAFIC DANS UN SYSTEME DE  
COMMUNICATIONS PAR  
SATELLITES EN ORBITE BASSE A  
DESTINATION DE TERMINAUX ET  
SYSTEME DE COMMUNICATIONS  
METTANT EN OEUVRE UN TEL  
PROCEDE  
[54] METHOD FOR SWITCHING  
TRAFFIC IN A LOW ORBIT  
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SYSTEM AND COMMUNICATIONS  
SYSTEM USING SAID METHOD  
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COMPRISED OF BULK  
POLYMERIZED CYCLOOLEFIN  
MONOMERS  
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[72] Kanda, Masahiro, JP  
[72] Tsumiyama, Tatsuo, JP  
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[54] **INTERCONNEXION DE COMMUTEURS POUR CODEUR DE POSITIONS**  
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[25] EN  
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[54] **PROCEDE ET DISPOSITIF D'ORIENTATION DE CANALISATIONS EN PLASTIQUE**  
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[72] Cox, Russell, US  
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[54] **METHOD OF MAKING STEEL IN LIQUID BATH AND APPARATUS FOR EFFECTING SAME**  
[54] **PROCEDE POUR L'ELABORATION D'ACIER DANS UN BAIN LIQUIDE ET INSTALLATION SERVANT A CES FINS**  
[72] Lupeiko, Vitold Marianovich, SU  
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[72] Rusteberg, Robert K., US  
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[72] Thomas, John E., US  
[72] Groth, Dale W., US  
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[51] **Int.Cl. 5B21D 5/08 5E04C 3/07**  
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[54] **SYSTEME ET METHODE DE SELECTION AUTOMATIQUE DE MODES D'ENTREE**  
[72] Baker, Bruce R., US  
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[72] Hershberger, David, US  
[72] Spaeth, Donald M., US  
[72] Higginbotham, D. Jeffrey, US  
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[73] CENTURY MFG. CO., US  
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DETECTOR**  
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ELECTRONIQUE POUR LA  
SURVEILLANCE DE MARCHANDISES  
DIVERSES**  
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[54] **METHOD AND APPARATUS FOR  
SEPARATING GAS FROM A GASEOUS  
MATERIAL**  
[54] **METHODE ET APPAREIL DE  
SEPARATION DE GAZ DANS UN  
MATERIAU GAZEUX**  
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[72] Peltonen, Kari, FI  
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[54] **NONLINEAR DYNAMIC  
SUBSTITUTION DEVICES AND  
METHODS FOR BLOCK  
SUBSTITUTIONS**  
[54] **METHODES ET DISPOSITIF DE  
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[73] LITTON SYSTEMS, INC., US  
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[72] Yamaguchi, Masayoshi, JP  
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BLADE ASSEMBLY AND WIPER  
SYSTEM**  
[54] **ESSUIE-GLACE**  
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**COMPOSITION**  
[54] **COMPOSITION DE NETTOYAGE**  
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[72] Streit, Allan Lee, US  
[72] Sachs, Ernest John, US  
[72] Beronio, Carol A., US  
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[25] EN  
[54] **COATING CUTTING EDGES WITH**  
**FLUOROCARBON POLYMERS**  
[54] **PROCEDE DE REVETEMENT**  
**D'ARETES TRANCHANTES AVEC DES**  
**POLYMERES FLUOROCARBONES**  
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[73] THE GILLETTE COMPANY, US  
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[51] **Int.Cl. 5C08L 5/00 5B44C 3/04**  
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[54] **PLAY MATERIAL COMPOSITION**  
[54] **COMPOSITION DE PATE A**  
**MODELER**  
[72] Shapero, Wallace H., US  
[72] Reyes, Susan A., US  
[73] MATTEL, INC., US  
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[54] **DISPOSITIF D'IONTOPHORESE**  
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[51] **Int.Cl. 5B60B 33/00**  
[25] FR  
[54] **ROULETTE POUR CHARIOT**  
**SUSCEPTIBLE D'ETRE IMMOBILISE**  
**SUR UN TROTTOIR ROULANT**  
[54] **WHEEL FOR CARRIAGES LIKELY**  
**TO COME TO A STANDSTILL ON A**  
**MOVING SIDEWALK**  
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[73] Ateliers Reunis Caddie S.A., FR  
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[51] **Int.Cl. 5C07F 5/00 5A61K 49/00**  
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[25] EN  
[54] **METAL COMPLEXES OF WATER**  
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[54] **COMPLEXES METALLIQUES DE**  
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[73] BOARD OF REGENTS, THE  
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[87] (WO93/14093)  
[30] US (07/822,964) 1992-01-21

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[51] **Int.Cl. 5A61F 5/01**  
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[54] **ORTHESE DE CHEVILLE**  
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[72] Bastyr, Charles A., US  
[73] Toronto, Russel A., US  
[73] DJ ORTHOPEDICS, LLC, US  
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[87] (WO93/16665)  
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[51] **Int.Cl. 5E01F 9/01 5E04H 12/00**  
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[54] **SUPPORT POUR MONTANT**  
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[72] Thomas, John E., CA  
[73] Thomas, John E., CA  
[22] 1994-07-18  
[30] US (08/093,660) 1993-07-20

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[13] C  
[51] **Int.Cl. 5H05F 3/00 5B65G 11/00**  
[25] EN  
[54] **SHEATHED STEEL PIPE WITH**  
**CONDUCTIVE PLASTIC RESIN**  
[54] **TUBE D'ACIER AVEC GAINÉ ET**  
**ELEMENT CONDUCTEUR EN RESINE**  
**PLASTIQUE**  
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[72] Yoshino, Shuji, JP  
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[51] **Int.Cl. 5G06F 15/66**  
[25] EN  
[54] **STRUCTURED IMAGE (SI) FORMAT FOR DESCRIBING COMPLEX COLOR RASTER IMAGES**  
[54] **FORMAT D'IMAGES STRUCTUREES POUR DECRIRE DES IMAGES MATRICIELLES COMPLEXES EN COULEURS**  
[72] Venable, Dennis L., US  
[72] Campanelli, Michael R., US  
[72] Fuss, William A., US  
[72] Bollman, James E., US  
[72] Nagao, Takashi, JP  
[72] Yamada, Toshiya, JP  
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[54] **IMPLANT AVEC TIGE RESORBABLE RENFORCEE**  
[72] Kampner, Stanley L., US  
[73] Kampner, Stanley L., US  
[85] 1994-09-06  
[86] 1993-02-18 (PCT/US93/01463)  
[87] (WO93/17639)  
[30] US (07/850,091) 1992-03-12  
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[13] C

[51] **Int.Cl. 6A61K 7/42 6A61K 7/48**  
[25] FR  
[54] **COMPOSITION COSMETIQUE OU DERMATOLOGIQUE CONTENANT UNE DISPERSION AQUEUSE DE PARTICULES SOLIDES D'UN HOMOPOLYMER-FILTRE U.V.**  
[54] **COSMETIC OR DERMATOLOGIC CONTAINING A PSEUDO-LATEX FORMED OF PARTICULES OF AN HOMOPOLYMER U.V. FILTER**  
[72] Mondet, Jean, FR  
[72] Mougou, Nathalie, FR  
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[13] C

[51] **Int.Cl. 6E04C 5/00 6E04C 5/16**  
[25] EN  
[54] **MECHANICAL CONNECTION FOR REINFORCING BARS, DEVICE FOR PLACING THIS MECHANICAL CONNECTION AND PROCESS FOR FIXING THE MECHANICAL CONNECTION FOR REINFORCING BARS**  
[54] **RACCORD MECANIQUE OPUR ARMATURES, DISPOSITIF SERVANT A METTRE CE RACCORD EN PLACE ET PROCEDE UTILISE POUR LE FIXER**  
[72] Pithon, Jean-Marie, FR  
[73] DEXTRA HOLDING, LU  
[22] 1995-01-13

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[13] C

[51] **Int.Cl. 6E04B 1/62**  
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[54] **MATERIAU COMPOSITE DE PAREMENT MURAL**  
[72] Leverrier, Thierry, FR  
[72] Favreau, Jean, FR  
[73] Société Civile Neurone, FR  
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[54] **PROCEDE DE COLORATION DE FIBRES KERATINIQUES**  
[72] Möckli, Peter, CH  
[73] CIBA SPECIALTY CHEMICALS HOLDING INC., CH  
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[13] C

[51] **Int.Cl. 6C02F 1/42 6D06F 39/10**  
[25] EN  
[54] **FULLY AUTOMATED WASHING MACHINE**  
[54] **MACHINE A LAVER ENTIEREMENT AUTOMATIQUE**  
[72] Cho, Hong-Ki, KR  
[73] SAMSUNG ELECTRONICS CO., LTD., KR  
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[51] **Int.Cl. 6A61K 7/38 6A61K 7/34**  
[25] EN  
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[54] **PRODUITS COSMETIQUES, ANTISUDORIFIQUES ET DESODORISANTS**  
[72] Murphy, Richard T., US  
[72] Lajoie, M. Stephen, US  
[73] Church & Dwight Company, Inc., US  
[85] 1995-02-13  
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[87] (WO94/24995)  
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[13] C

[51] **Int.Cl. 6G10L 9/14**  
[25] EN  
[54] **COMPUTATIONAL COMPLEXITY REDUCTION DURING FRAME ERASURE OR PACKET LOSS**  
[54] **REDUCTION DE LA COMPLEXITE DES CALCULS DURANT L'EFFACEMENT DES TRAMES OU LES PERTES DE PAQUETS**  
[72] Chen, Juin-Hwey, US  
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[22] 1995-02-13  
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[25] EN  
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[54] **LEVURE INDUSTRIELLE DE BOULANGER INACTIVE A BASSE TEMPERATURE**  
[72] Baensch, Johannes, SG  
[72] Gysler, Christof, CH  
[72] Niederberger, Peter, CH  
[73] SOCIETE DES PRODUITS NESTLE S.A., CH  
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[13] C  
[51] **Int.Cl. 6G01B 7/30 6G01D 5/12 6G01D 5/14 6G01D 5/16**  
[25] EN  
[54] **INTERNAL COMBUSTION ENGINE THROTTLE POSITION SENSOR**  
[54] **CAPTEUR DE POSITION DU PAPILLON COMMANDANT L'ADMISSION DANS UN MOTEUR A COMBUSTION INTERNE**  
[72] McCurley, Jeffrey L., US  
[72] Campbell, Robert J., US  
[72] White, James E., US  
[72] Spence, Scott L., US  
[73] CTS CORPORATION, US  
[22] 1995-03-02  
[30] US (08/206,982) 1994-03-04

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[11] **2,143,919**  
[13] C  
[51] **Int.Cl. 6G01B 7/30 6G01D 5/12**  
[25] EN  
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[54] **CAPTEUR DE LA POSITION ANGULAIRE, A TOLERANCE AMELIOREE**  
[72] McCurley, Jeffrey L., US  
[72] Campbell, Robert J., US  
[72] White, James E., US  
[72] Spence, Scott L., US  
[73] CTS CORPORATION, US  
[22] 1995-03-03  
[30] US (08/206,474) 1994-03-04

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[11] **2,144,660**  
[13] C  
[51] **Int.Cl. 6A61K 7/32**  
[25] EN  
[54] **HYDROPHILIC POLYMER-COATED MICROCRYSTALLITES OF BICARBONATE INGREDIENT**  
[54] **MICROCRISTAUX HYDROPHILES D'UN INGREDIENT A BASE DE BICARBONATE AVEC REVETEMENT POLYMERIQUE HYDROPHILE**  
[72] Murphy, Richard T., US  
[72] Lajoie, M. Stephen, US  
[73] Church & Dwight Company, Inc., US  
[85] 1995-03-14  
[86] 1994-02-08 (PCT/US94/01193)  
[87] (WO94/24994)  
[30] US (053,834) 1993-04-27

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[11] **2,145,754**  
[13] C  
[51] **Int.Cl. 6B25B 28/00**  
[25] EN  
[54] **RESCUE TOOL**  
[54] **OUTIL DE SAUVETAGE**  
[72] Hickerson, William, US  
[73] CURTISS-WRIGHT FLIGHT SYSTEMS, INC., US  
[85] 1995-03-28  
[86] 1993-09-20 (PCT/US93/08914)  
[87] (WO94/07788)  
[30] US (07/952,688) 1992-09-29  
[30] US (08/094,502) 1993-07-20

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[11] **2,147,311**  
[13] C  
[51] **Int.Cl. 6E21B 21/08 6E21B 47/00**  
[25] EN  
[54] **FLUID HOLDUP TOOL FOR DEVIATED WELLS**  
[54] **OUTIL DE RETENUE DE FLUIDE POUR FORAGES DEVIES**  
[72] Young, Allen R., US  
[72] Davidson, Jerry L., US  
[72] Baltazar, Edward, US  
[73] COMPUTALOG U.S.A., INC., US  
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[30] US (246,842) 1994-05-20

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[11] **2,148,590**  
[13] C  
[51] **Int.Cl. 6B21J 15/02 6B23P 11/02**  
[25] EN  
[54] **METHOD OF SECURING AN ANCHOR WITH EXTRUSION PLASTIC MOLDING IN A SOLID WALL SUBSTRATE**  
[54] **METHODE PERMETTANT D'ASSUJETTIR DANS UN SUBSTRAT A PAROI SOLIDE UN ANCRAGE MUNI D'UN OBJET MOULE EN PLASTIQUE EXTRUDE**  
[72] Garfield, Nathaniel H., US  
[72] Nissenbaum, Israel, US  
[73] Mechanical Plastics Corp., US  
[85] 1995-05-03  
[86] 1992-11-05 (PCT/US92/09637)  
[87] (WO94/09929)

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[11] **2,149,138**  
[13] C  
[51] **Int.Cl. 6C01D 17/00**  
[25] EN  
[54] **PROCESS OF PREPARING A CAESIUM AND RUBIDIUM SALT SOLUTION HAVING A HIGH DENSITY**  
[54] **METHODE DE PREPARATION D'UNE SOLUTION DE SEL DE CESIUM ET DE RUBIDIUM POSSEDANT UNE FORTE DENSITE**  
[72] Prinz, Horst, DE  
[72] Hofmann, Hartmut, DE  
[72] Köbele, Klaus, DE  
[72] Wegner, Marion, DE  
[73] Metallgesellschaft Aktiengesellschaft, DE  
[85] 1995-05-10  
[86] 1993-11-10 (PCT/EP93/03143)  
[87] (WO94/11303)  
[30] DE (P 42 37 954.7) 1992-11-11

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[11] **2,150,558**  
[13] C  
[51] **Int.Cl. 6B01J 38/10 6C07C 1/04**  
[25] EN  
[54] **DRAFT TUBE FOR CATALYST REJUVENATION AND DISTRIBUTION**  
[54] **TUBE D'ASPIRATION SERVANT A LA REGENERATION ET A LA REPARTITION D'UN CATALYSEUR**  
[72] Pedrick, Larry E., US  
[72] Mauldin, Charles H., US  
[72] Behrmann, William C., US  
[73] EXXON RESEARCH AND ENGINEERING COMPANY, US  
[85] 1995-05-30  
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[30] US (994,215) 1992-12-18

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[13] C

[51] **Int.Cl. 6C07C 1/04**  
[25] EN  
[54] **ENHANCED CATALYST MIXING IN SLURRY BUBBLE COLUMNS**  
[54] **PROCESSUS AMELIORE DE MELANGE DE CATALYSEURS DANS DES COLONNES A BULLES EN SUSPENSION**  
[72] Chang, Min, US  
[72] Coulaloglou, Costantine A., US  
[73] Exxon Research & Engineering Company, US  
[85] 1995-05-30  
[86] 1993-12-10 (PCT/US93/12115)  
[87] (WO94/14733)  
[30] US (992,983) 1992-12-18

[11] **2,150,811**  
[13] C

[51] **Int.Cl. 6B21D 39/04**  
[25] EN  
[54] **PRESSING TOOL**  
[54] **OUTIL A PRESSER**  
[72] Dischler, Helmut, DE  
[73] Novopress GmbH Pressen und Presswerkzeuge & Co. KG, DE  
[85] 1995-06-01  
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[87] (WO94/12297)  
[30] DE (G 92 16 369.64 U) 1992-12-02

[11] **2,151,202**  
[13] C

[51] **Int.Cl. 6H01J 31/10 6H01J 31/12 6H01J 31/15**  
[25] EN  
[54] **ELECTRON-BEAM GENERATING DEVICE HAVING PLURALITY OF COLD CATHODE ELEMENTS, METHOD OF DRIVING SAID DEVICE AND IMAGE FORMING APPARATUS APPLYING SAME**  
[54] **DISPOSITIF GENERATEUR DE FAISCEAU ELECTRONIQUE A PLUSIEURS CATHODES FROIDES, METHODE D'ATTAQUE DE CE DISPOSITIF ET APPAREIL D'IMAGERIE UTILISANT CE DISPOSITIF**  
[72] Suzuki, Noritake, JP  
[72] Suzuki, Hidetoshi, JP  
[72] Asai, Akira, JP  
[72] Yamano, Akihiko, JP  
[73] CANON KABUSHIKI KAISHA, JP  
[22] 1995-06-07  
[30] JP (6-126386) 1994-06-08  
[30] JP (7-001226) 1995-01-09  
[30] JP (7-001227) 1995-01-09  
[30] JP (7-136986) 1995-06-02

[11] **2,155,270**  
[13] C

[51] **Int.Cl. 6H01J 1/30 6H01J 9/02**  
[25] EN  
[54] **ELECTRON-EMITTING DEVICE, ELECTRON SOURCE AND IMAGE-FORMING APPARATUS AS WELL AS METHOD OF MANUFACTURING THE SAME**  
[54] **EMETTEUR D'ELECTRONS, SOURCE D'ELECTRONS ET APPAREIL D'IMAGERIE, ET METHODE DE FABRICATION**  
[72] Kishi, Fumio, JP  
[72] Yamanobe, Masato, JP  
[72] Tsukamoto, Takeo, JP  
[72] Ohnishi, Toshikazu, JP  
[72] Yamamoto, Keisuke, JP  
[72] Ikeda, Sotomitsu, JP  
[72] Hamamoto, Yasuhiro, JP  
[72] Miyazaki, Kazuya, JP  
[73] CANON KABUSHIKI KAISHA, JP  
[22] 1995-08-02  
[30] JP (6-226115) 1994-08-29  
[30] JP (6-336626) 1994-12-26  
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[30] JP (6-336713) 1994-12-26  
[30] JP (7-87759) 1995-03-22  
[30] JP (7-182049) 1995-06-26

[11] \* **2,155,889**  
[13] C

[51] **Int.Cl. 6H04N 7/173**  
[25] EN  
[54] **INTELLIGENT MULTIMEDIA SET-TOP CONTROL METHOD AND APPARATUS**  
[54] **METHODE ET APPAREIL DE COMMANDE MULTIMEDIA INTELLIGENT**  
[72] Ottesen, Hal Hjalmar, US  
[72] Smith, Gordon James, US  
[72] VanLeeuwen, George Willard, US  
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 1995-08-11  
[30] US (366,268) 1994-12-29

[11] **2,156,536**  
[13] C

[51] **Int.Cl. 6F16L 55/18**  
[25] EN  
[54] **PIPE LINER AND METHOD OF INSTALLATION**  
[54] **REVETEMENT INTERIEUR POUR TUYAUTERIE ET METHODE D'INSTALLATION CONNEXE**  
[72] St. Onge, Henri S., CA  
[72] St. Onge, Bryan, CA  
[73] St. Onge, Henri S., CA  
[73] St. Onge, Bryan, CA  
[22] 1995-08-18

[11] **2,156,717**  
[13] C

[51] **Int.Cl. 6C07K 2/00 6C08B 37/00 6C07H 23/00 6C07J 17/00 6C07H 13/02 6C07H 15/18 6C07H 15/252**  
[25] EN  
[54] **SOLUTION AND SOLID-PHASE FORMATION OF GLYCOSIDIC LINKAGES**  
[54] **FORMATION EN SOLUTION ET DANS LA PHASE SOLIDE DE LIAISONS GLYCOSIDIQUES**  
[72] Kahne, Daniel E., US  
[73] THE TRUSTEES OF PRINCETON UNIVERSITY, US  
[85] 1995-08-22  
[86] 1994-02-23 (PCT/US94/01604)  
[87] (WO94/19360)  
[30] US (08/021,391) 1993-02-23  
[30] US (08/198,271) 1994-02-18

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[13] C

[51] Int.Cl. 6F16B 37/00  
[25] EN  
[54] ATTACHMENT NUT FOR  
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[54] ECROU DE FIXATION POUR  
PROFILES EN C  
[72] Hofle, Siegfried, AT  
[73] Hilti Aktiengesellschaft, LI  
[22] 1995-09-08  
[30] DE (P 44 32 996.2) 1994-09-16

[11] 2,158,470  
[13] C

[51] Int.Cl. 6B65D 41/04 6B65D 53/04  
[25] EN  
[54] SEALING COVER FOR AN  
OPENING OF A CONTAINER  
[54] COUVERCLE ETANCHE POUR  
CONTENANT  
[72] Trombach, Horst, DE  
[72] Wiening, Heinz-Rudolf, DE  
[73] Alfelder Kunststoffwerke Herm. Meyer  
GmbH, DE  
[85] 1995-09-15  
[86] 1994-03-14 (PCT/EP94/00777)  
[87] (WO94/21524)  
[30] DE (G 93 03 786.4) 1993-03-15

[11] 2,160,261  
[13] C

[51] Int.Cl. 6D04H 1/56 6D01D 7/00  
[25] EN  
[54] METHOD AND APPARATUS FOR  
PRODUCING TUBULAR PRODUCTS  
FROM NONWOVEN FIBERS  
[54] METHODE ET APPAREIL  
SERVANT A PRODUIRE DES  
PRODUITS TUBULAIRES A PARTIR DE  
FIBRES NON TISSEES  
[72] Clack, Robert A., US  
[73] CLACK CORPORATION, US  
[85] 1995-10-10  
[86] 1994-04-12 (PCT/US94/03956)  
[87] (WO94/23915)  
[30] US (08/048,281) 1993-04-14

[11] 2,160,349  
[13] C

[51] Int.Cl. 6G03G 21/04 6G03G 21/00  
[25] EN  
[54] METHOD FOR PROTECTING  
AGAINST DUPLICATION WITH A  
COLOR COPIER  
[54] METHODE DE PROTECTION  
CONTRE LES DUPLICATIONS PAR  
LES IMPRIMANTES COULEUR  
[72] GUNDJIAN, ARSHAVIR, CA  
[73] Nocopi International, Inc., US  
[85] 1995-10-11  
[86] 1994-02-24 (PCT/US94/02032)  
[87] (WO94/24614)  
[30] US (049,748) 1993-04-19

[11] 2,160,571  
[13] C

[51] Int.Cl. 6B07B 1/18 6D21D 5/16  
[25] EN  
[54] SCREENING MEANS WITH A  
SCREENING BODY, AND METHOD  
AND DEVICE FOR MANUFACTURING  
THE SCREENING BODY  
[54] DISPOSITIF DE TRIAGE;  
METHODE ET DISPOSITIF POUR  
L'OBTENTION DU CORPS DE TRIAGE  
CORRESPONDANT  
[72] Bergkvist, Lennart, SE  
[72] Carlsson, Jan G., SE  
[72] Söderqvist, Sören, SE  
[72] Toreld, Per, SE  
[73] Kvaerner Pulping Aktiebolag, SE  
[85] 1995-10-13  
[86] 1994-04-11 (PCT/SE94/00315)  
[87] (WO94/23847)  
[30] SE (9301303-5) 1993-04-21

[11] 2,161,597  
[13] C

[51] Int.Cl. 6B42F 21/00  
[25] EN  
[54] USER-CUSTOMIZABLE INDEX  
DIVIDER SHEET SET AND TABLE OF  
CONTENTS SHEET ASSEMBLY AND  
METHOD THEREFOR  
[54] INTERCALAIRES ET TABLE DES  
MATIERES PERSONNALISABLES  
[72] Kline, Brant D., US  
[73] AVERY DENNISON CORPORATION,  
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[22] 1995-10-27  
[30] US (08/332,840) 1994-11-01  
[30] US (08/349,176) 1994-12-02

[11] 2,163,050  
[13] C

[51] Int.Cl. 6F16H 37/06  
[25] EN  
[54] HIGH-CAPACITY COMPOUND  
TRANSMISSION  
[54] BOITE A VITESSES COMPOSITE  
HAUTE CAPACITE  
[72] Stine, Alan C., US  
[72] Reynolds, Joseph D., US  
[73] EATON CORPORATION, US  
[22] 1995-11-16  
[30] US (345,092) 1994-11-28

[11] 2,163,991  
[13] C

[51] Int.Cl. 6C07C 43/12 6C07C 41/42  
[25] EN  
[54] METHOD OF PURIFYING  
FLUOROMETHYL-1,1,1,3,3,3-  
HEXAFLUOROISOPROPYL ETHER  
[54] PROCEDE DE PURIFICATION DE  
L'ETHER DE FLUOROMETHYLE-  
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[87] (WO95/26949)  
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[11] 2,164,153  
[13] C

[51] Int.Cl. 6B62D 7/00  
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WORKING VEHICLE AND THE  
METHOD THEREOF  
[54] SYSTEME DE DIRECTION POUR  
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[73] COMCORP TECHNOLOGIES, INC., US  
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[13] C

[51] **Int.Cl. 6H01J 9/02**  
[25] EN  
[54] **ELECTRON-EMITTING DEVICE, ELECTRON SOURCE SUBSTRATE, ELECTRON SOURCE, DISPLAY PANEL AND IMAGE-FORMING APPARATUS, AND PRODUCTION METHOD THEREOF**  
[54] **DISPOSITIF EMETTEUR D'ELECTRONS, SUPPORT, SOURCE D'EMISSION, PANNEAU D'AFFICHAGE, APPAREIL D'IMAGERIE ET METHODE DE PRODUCTION CONNEXES**  
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[13] C

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[72] Ferm, Paul Michael, US  
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[30] US (08/086,414) 1993-07-01

[11] **2,165,943**  
[13] C

[51] **Int.Cl. 6D01D 5/253 6D01D 4/00 6A47G 27/02**  
[25] EN  
[54] **FIBER BILOBAL CROSS-SECTIONS AND CARPETS PREPARED THEREFROM HAVING A SILK-LIKE LUSTER AND SOFT HAND**  
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[11] **2,171,611**  
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[51] **Int.Cl. 6C12N 15/57 6C07K 19/00 6C07K 17/02 6A61K 39/102 6C12N 1/21 6C07K 14/285 6C12N 15/31 6C12N 9/50 6G01N 33/569 6G01N 33/573**  
[25] EN  
[54] **ANALOG OF HAEMOPHILUS HIN47 WITH REDUCED PROTEASE ACTIVITY**  
[54] **ANALOGUE D'HAEMOPHILUS HIN47 A ACTIVITE PROTEASE REDUITE**  
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[54] **DISPOSITIF DE FREINAGE**  
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[54] **ACCUMULATEUR A**  
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[51] **Int.Cl. 6C04B 33/04 6B28C 1/04**  
[25] EN  
[54] **STABILIZED, HIGH SOLIDS, LOW**  
**VISCOSITY SMECTITE SLURRIES,**  
**AND METHOD OF PREPARATION**  
[54] **BOUES DE SMECTITE**  
**STABILISEES, A HAUTE TENEUR EN**  
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**PREPARATION**  
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[51] **Int.Cl. 6C07D 519/00 6A61K 31/46**  
[25] EN  
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**YLCARBOXYAMIDES AS**  
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[51] **Int.Cl. 6F04C 18/344 6F04C 29/08**  
[25] EN  
[54] **VARIABLE CAPACITY VANE**  
**COMPRESSOR WITH LINEAR**  
**ACTUATOR**  
[54] **COMPRESSEUR A AUBE DE**  
**CAPACITE VARIABLE MUNI D'UN**  
**DISPOSITIF DE COMMANDE**  
**LINEAIRE**  
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[73] Zexel USA Corporation, US  
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[51] **Int.Cl. 6C21B 11/00 6F27D 13/00**  
[25] EN  
[54] **APPARATUS FOR PRODUCING**  
**MOLTEN PIG IRON BY DIRECT**  
**REDUCTION**  
[54] **APPAREIL POUR LA**  
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[72] Meijer, Hendrikus Koenraad Albertus,  
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[22] 1996-03-28  
[30] NL (9500600) 1995-03-29

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[51] **Int.Cl. 6H03K 19/017**  
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[54] **CIRCUIT INTEGRE BIMOS**  
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[73] NEC CORPORATION, JP  
[22] 1996-03-29  
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[51] **Int.Cl. 6A47G 29/12**  
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**ASSOCIATED METHODS**  
[54] **ASSEMBLAGE DE BOITE AUX**  
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[51] **Int.Cl. 6G02B 3/00**  
[25] EN  
[54] **MEHTOD OF PRODUCING LENS,**  
**METHOD OF FABRICATING ARTICLE**  
**WITH LENS, ARTICLES WITH LENS,**  
**RESIN COMPOSITION FOR FORMING**  
**DEFINING LINES AND LENS-**  
**FORMING RESIN COMPOSITION**  
[54] **PROCEDE DE FABRICATION DE**  
**LENTILLES, PROCEDE DE**  
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[54] **METHODE ET APPAREIL POUR SURVEILLER L'USURE DE LA CHAINE D'UN CONVOYEUR**  
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[72] Meade, Mark H., US  
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[13] C

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[85] 1996-05-09  
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[87] (WO95/13464)  
[30] GB (9323291.6) 1993-11-11

[11] **2,179,392**  
[13] C

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[25] EN  
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[54] **LIANT POUR PILE, ET COMPOSITION POUR ELECTRODE ET PILE PRODUITES AU MOYEN DUDIT LIANT**  
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[73] DAIKIN INDUSTRIES LTD., JP  
[85] 1996-06-18  
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[30] JP (281,437/1994) 1994-10-19

[11] **2,180,225**  
[13] C

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[72] Wilson, Willie Joe, US  
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[73] ROHM AND HAAS COMPANY, US  
[22] 1996-06-28  
[30] US (60/001,090) 1995-07-12

[11] **2,181,049**  
[13] C

[51] **Int.Cl. 6H04L 12/56**  
[25] EN  
[54] **A METHOD AND APPARATUS FOR COMMUNICATING BETWEEN NODES IN A COMMUNICATIONS NETWORK**  
[54] **PROCEDE ET APPAREIL DE COMMUNICATION ENTRE LES NOEUDS D'UN RESEAU DE COMMUNICATION**  
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[73] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB  
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[11] **2,181,194**  
[13] C

[51] **Int.Cl. 6H04N 7/50**  
[25] EN  
[54] **TRANSMISSION OF HIGH RATE ISOCHRONOUS DATA IN MPEG-2 DATA STREAMS**  
[54] **TRANSMISSION A GRAND DEBIT DE DONNEES ISOCHRONES DANS DES TRAINS DE DONNEES MPEG-2**  
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[73] GENERAL INSTRUMENT CORPORATION OF DELAWARE, US  
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[30] US (60/015,392) 1995-07-13

[11] **2,181,345**  
[13] C

[51] **Int.Cl. 6A61N 5/06**  
[25] EN  
[54] **DEVICE FOR MEDICAL EXTERNAL TREATMENT BY MEANS OF LIGHT**  
[54] **DISPOSITIF PERMETTANT DE CICATRISER DES BLESSURES A L'AIDE DE RAYONS LUMINEUX**  
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[73] BIOLIGHT PATENT HOLDING AB, SE  
[85] 1996-07-16  
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[87] (WO95/19810)  
[30] SE (9400153-4) 1994-01-20  
[30] SE (9402679-6) 1994-08-10

[11] **2,182,357**  
[13] C

[51] **Int.Cl. 6C02F 1/66**  
[25] EN  
[54] **METHOD OF TREATING WASTE WATER TO REMOVE HARMFUL ION BY COAGULATING SEDIMENTATION**  
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[22] 1996-07-30  
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[11] **2,182,438**  
[13] C

[51] **Int.Cl. 6H01R 23/68 6H01R 23/72**  
[25] EN  
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[54] **CONNECTEUR DE CIRCUIT**  
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[25] EN  
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[54] **MELANGE D'ENROBAGE A RENFORT DE FIBRES**  
[72] Sutor, Peter T., US  
[73] HARBISON-WALKER REFRACTORIES COMPANY, US  
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[54] **CAPTEUR DE PRESSION**  
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[51] **Int.Cl. 6H04L 9/32**  
[25] EN  
[54] **METHOD AND APPARATUS FOR UTILIZING A TOKEN FOR RESOURCE ACCESS**  
[54] **PROCEDE ET APPAREIL D'UTILISATION D'UN JETON D'ACCES A DES RESSOURCES**  
[72] Weiss, Kenneth P., US  
[73] RSA SECURITY INC., US  
[85] 1996-08-19  
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[51] **Int.Cl. 6G01V 8/20 6G06F 19/00 6G06T 7/60**  
[25] EN  
[54] **OBJECT DETECTING APPARATUS IN WHICH THE POSITION OF A PLANAR OBJECT IS ESTIMATED BY USING HOUGH TRANSFORM**  
[54] **APPAREIL DETECTEUR DE LA PRESENCE D'OBJETS, AVEC ESTIMATION DE LA POSITION D'UN OBJET PLAN PAR LA TRANSFORMEE DE HOUGH**  
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[51] **Int.Cl. 6B65G 15/36**  
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[73] DUNLOP-ENERKA B.V., NL  
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[30] NL (9400350) 1994-03-07

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[51] **Int.Cl. 6A61B 17/128**  
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[54] **APPAREIL POUR POSER DES CLIPS CHIRURGICAUX**  
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[72] Aranyi, Ernie, US  
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[13] C  
[51] **Int.Cl. 6B65G 65/48 6B01J 8/00**  
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[54] **DEVICE FOR METERED EXTRACTION OF BULK SOLIDS**  
[54] **DISPOSITIF DE PRELEVEMENT DOSE DE SOLIDES EN VRAC**  
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[72] Bialowons, Horst, DE  
[73] STEAG ENCOTEC GMBH, DE  
[85] 1996-10-16  
[86] 1995-04-13 (PCT/EP95/01401)  
[87] (WO95/29114)  
[30] DE (P 44 13 864.4) 1994-04-21

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[13] C  
[51] **Int.Cl. 6B01D 35/00 6B29C 45/14**  
[25] EN  
[54] **ORIFICE FILTER AND METHOD FOR MAKING A FILTER ASSEMBLY**  
[54] **FILTRE ORIFICE ET METHODE D'ASSEMBLAGE**  
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[72] Hoff, William B., III, US  
[73] FILTERTEK INC., US  
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[13] C  
[51] **Int.Cl. 6B60C 11/12**  
[25] FR  
[54] **BANDE DE ROULEMENT POUR PNEUMATIQUE**  
[54] **TYRE TREAD**  
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[87] (WO96/01189)  
[30] FR (94/08377) 1994-07-05

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[13] C

[51] **Int.Cl. 6D01F 1/04**  
[25] EN  
[54] **METHOD FOR MAKING  
PIGMENTED SYNTHETIC FILAMENTS**  
[54] **METHODE DE FABRICATION DE  
FILAMENTS SYNTHETIQUES  
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[72] Helms, Charles F., US  
[72] Jones, Frank R., US  
[72] Ledford, David B., US  
[72] Shore, Gary W., US  
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[73] BASF CORPORATION, US  
[22] 1996-12-03  
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[13] C

[51] **Int.Cl. 6G03G 21/00**  
[25] EN  
[54] **CORRECT BRUSH BIAS  
POLARITY FOR SINGLE AND DUAL  
ESB CLEANERS WITH  
TRIBOELECTRIC NEGATIVE TONERS**  
[54] **POLARISATION CORRECTE DE  
LA BROUSSE OU DES BROSSES D'UN  
DISPOSITIF DE NETTOYAGE A UNE  
OU DEUX BROSSSES DANS UN  
APPAREIL TRIBOELECTRIQUE  
UTILISANT UN TONER NEGATIF**  
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[72] Lindblad, Nero R., US  
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[73] XEROX CORPORATION, US  
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[54] **SKIN PROTECTOR FOR  
ULTRASONIC-ASSISTED  
LIPOSUCTION AND ACCESSORIES**  
[54] **DISPOSITIF DE PROTECTION DE  
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[72] Maxwell, G. Patrick, US  
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[73] Maxwell, G. Patrick, US  
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[11] **2,195,598**  
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[51] **Int.Cl. 6H01S 3/091**  
[25] EN  
[54] **GLASS FIBER LASER SYSTEM  
USING U-DOPED CRYSTAL Q-SWITCH**  
[54] **LASER A FIBRE DE VERRE  
UTILISANT UN Q-SWITCH A CRISTAL  
DOPE A L'URANIUM**  
[72] Stultz, Robert D., US  
[72] Bruesselbach, Hans W., US  
[72] Sumida, David S., US  
[72] Birnbaum, Milton, US  
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[73] RAYTHEON COMPANY, US  
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[51] **Int.Cl. 6F41G 1/48**  
[25] EN  
[54] **METHOD AND DEVICE FOR FIRE  
CONTROL OF A HIGH APOGEE  
TRAJECTORY WEAPON**  
[54] **METHODE ET APPAREIL DE  
CONDUITE DE TIR D'UNE ARME A  
TRAJECTOIRE A APOGEE ELEVE**  
[72] Mladjan, Gary J., US  
[72] Dickson, Clarence E., US  
[72] Anderson, Douglas A., US  
[73] RAYTHEON COMPANY, US  
[22] 1997-01-21  
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[25] EN  
[54] **TWO AXIS NAVIGATION GRADE  
MICROMACHINED ROTATION  
SENSOR SYSTEM**  
[54] **SYSTEME DE CAPTEUR DE  
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AXES POUR NAVIGATION**  
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[72] Fersht, Samuel H., US  
[73] LITTON SYSTEMS, INC., US  
[85] 1997-01-21  
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[54] **ZETIDINE**  
[72] MacKenzie, Alexander Roderick, GB  
[72] Marchington, Allan Patrick, GB  
[72] Meadows, Sandra Dora, GB  
[72] Middleton, Donald Stuart, GB  
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[22] 1997-01-24  
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[13] C

[51] **Int.Cl. 6G06F 17/40 6G06F 13/14**  
[25] EN  
[54] **INTERNET BROWSER BASED  
DATA ENTRY ARCHITECTURE**  
[54] **ARCHITECTURE PERMETTANT  
D'ENTRER DES DONNEES PAR  
L'ENTREMISE D'UN FURETEUR  
INTERNET**  
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[73] IBM CANADA LIMITED-IBM  
CANADA LIMITEE, CA  
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[25] EN  
[54] **PARTICULATE UREA WITH  
FINELY DIVIDED INORGANIC  
MATERIAL INCORPORATED FOR  
HARDNESS, NONFRIABILITY AND  
ANTI-CAKING**  
[54] **UREE EN PARTICULES AVEC  
MATIERE INORGANIQUE FINEMENT  
DIVISEE INCORPOREE SE  
DEMARQUANT PAR SA DURETE, SA  
NON-FRIABILITE ET SES  
PROPRIETES ANTI-MOTTANTES**  
[72] Aylen, Peter B., CA  
[72] Blyth, Jim, CA  
[73] Western Industrial Clay Products Ltd.,  
CA  
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[25] EN

[54] INTERNAL COMBUSTION

ENGINES WITH FLUID FUEL REFORMING CERAMIC CATALYST AND TRANSPORTING AND POWER-GENERATING MEANS EMPLOYING THEM

[54] MOTEURS A COMBUSTION

INTERNE A CATALYSEUR CERAMIQUE DE REFORMAGE DU COMBUSTIBLE LIQUIDE ET MOYENS DE TRANSPORT ET DE PRODUCTION D'ENERGIE UTILISANT CES

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[72] ICHIMURA, Shoji, JP

[73] Ichimura, Fukuyo, JP

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COMPOSITION FOR PAPERBOARD

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[72] WAGNER, William G., US

[73] MORTON INTERNATIONAL, INC.,

US

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[13] C

[51] Int.Cl. 6G03G 15/11 6G03G 15/00 6G03G 15/10

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[72] ROSEN, Yossi, IL

[73] INDIGO N.V., NL

[85] 1997-03-06

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[72] DREIMAN, Nelik I., US

[73] TECUMSEH PRODUCTS COMPANY, US

[22] 1997-03-18

[30] US (08/641,171) 1996-04-30

[11] 2,200,850  
[13] C

[51] Int.Cl. 6H01M 10/48

[25] EN

[54] ELECTROCHEMICAL CELL

LABEL WITH INTEGRATED TESTER

[54] ETIQUETTE D'ELEMENT

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INTEGRE

[72] GARRIS, Michael, US

[72] HUGHEN, John, US

[72] FERGUSON, Scott, US

[73] DURACELL INC., US

[85] 1997-03-24

[86] 1995-09-29 (PCT/US95/12487)

[87] (WO96/10274)

[30] US (315,317) 1994-09-29

[30] US (456,428) 1995-06-01

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[13] C

[51] Int.Cl. 6B26D 3/20 6B06B 1/02

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VIBRATION ULTRASONORE

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[73] ULTEX CORPORATION, JP

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[11] 2,202,319  
[13] C

[51] Int.Cl. 6E21B 10/60

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[54] STABILISATEUR DE TREPAN

[72] BURCA, Constantin, CA

[72] GARDNER, Hugh, CA

[72] SARBU, Constantin, CA

[72] MacPHAIL, Jim, CA

[72] MacPHAIL, John, CA

[73] HUNTING OILFIELDS SERVICES

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[11] 2,202,481  
[13] C

[51] Int.Cl. 6G06F 17/30

[25] EN

[54] METHOD AND SYSTEM FOR EXECUTING A GUIDED PARAMETRIC SEARCH

[54] PROCEDE ET SYSTEME D'EXECUTION D'UNE RECHERCHE PARAMETRIQUE GUIDEE

[72] DANISH, Mohamed, Sherif, US

[72] KIMBROUGH, Kris, W., US

[73] SAQQARA SYSTEMS, INC., US

[85] 1997-05-12

[86] 1995-10-10 (PCT/US95/13466)

[87] (WO96/12238)

[30] US (08/323,186) 1994-10-14

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[13] C

[51] Int.Cl. 6H01R 23/00 6H01R 33/76

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[54] MONTAGE DE CIRCUIT

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[72] MORI, Fumio, JP

[73] NEC CORPORATION, JP

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[13] C

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[54] **APPAREIL DE PESAGE A ETRE INCORPORE A UN SYSTEME DE CLASSIFICATION DE PIECES DE BOIS SELON LEUR POIDS**  
[54] **WEIGHING APPARATUS FOR A MACHINE SORTING WOOD PIECES BY WEIGHT**  
[72] ROY, Normand, NR, CA  
[72] CHAREST, Christian, CC, CA  
[73] NORMAND ROY, CA  
[22] 1997-04-24

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[13] C

[51] **Int.Cl. 6A47L 11/34 6A47L 11/40**  
[25] EN  
[54] **COMPACT CARPET AND UPHOLSTERY EXTRACTOR**  
[54] **EXTRACTEUR COMPACT POUR LE NETTOYAGE DE TAPIS ET DE RECOUVEREMENTS DE MEUBLES**  
[72] RICHARD, Christel R., US  
[72] RENNECKER, David B., US  
[72] MUELLER, David G., US  
[72] BARKER, Douglas C., US  
[72] CROUSER, Darwin S., US  
[72] MAURER, Edgar A., US  
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[54] **PLANAR STRUCTURE MADE OF RENEWABLE MATERIALS**  
[54] **STRUCTURE PLATE EN MATIERES PREMIERES RENOUVELABLES**  
[72] KASTL, Bernd, DE  
[72] MAURER, Frank, DE  
[72] BAUMGARTNER, Susanne, DE  
[72] EDINGER, Sabine, DE  
[72] SCHULZ, Ditmar, DE  
[73] DLW AKTIENGESELLSCHAFT, DE  
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[87] (WO96/15203)  
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[13] C

[51] **Int.Cl. 6H01J 43/06 6H01J 43/08 6H01J 43/28**  
[25] EN  
[54] **HYBRID MULTIPLIER TUBE WITH ION DEFLECTION**  
[54] **TUBE MULTIPLICATEUR HYBRIDE A DEFLEXION D'IONS**  
[72] LARUE, Ross A., US  
[73] INTEVAC, INC., US  
[85] 1997-05-07  
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[87] (WO96/17372)  
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[13] C

[51] **Int.Cl. 6G10K 11/16 6H04R 3/02 6H04M 1/19**  
[25] EN  
[54] **NOISE CANCELLATION APPARATUS**  
[54] **DISPOSITIF D'ELIMINATION DES BRUITS**  
[72] ANDREA, Douglas, US  
[72] TOPF, Martin, US  
[73] ANDREA ELECTRONICS CORPORATION, US  
[85] 1997-05-08  
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[13] C

[51] **Int.Cl. 6C23C 14/58 6C23C 14/16**  
[25] EN  
[54] **METHOD OF PRODUCING REACTIVE ELEMENT MODIFIED-ALUMINIDE DIFFUSION COATINGS**  
[54] **PROCEDE DE FABRICATION DE REVETEMENTS PAR DIFFUSION D'ALUMINURE MODIFIE PAR ELEMENTS REACTIFS**  
[72] AGUERO, Alina C., ES  
[72] KOROTKIN, MARIA N., CA  
[73] CAMETOID ADVANCED TECHNOLOGIES INC., CA  
[85] 1997-05-09  
[86] 1995-11-09 (PCT/CA95/00638)  
[87] (WO96/15284)  
[30] US (338,140) 1994-11-09

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[13] C

[51] **Int.Cl. 6H01P 1/203**  
[25] EN  
[54] **BALANCED MICROSTRIP FILTER**  
[54] **FILTRE A LIGNE MICRORUBAN EQUILIBRE**  
[72] FALT, CHRISTOPHER, CA  
[73] NORTEL NETWORKS LIMITED, CA  
[22] 1997-06-04  
[30] US (08/730,006) 1996-10-11

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[13] C

[51] **Int.Cl. 6G05G 1/00 6G05G 21/00 6G05G 1/02**  
[25] EN  
[54] **TIMER CAMSTACK AND CLUTCH**  
[54] **CAMES SUPERPOSEES ET EMBRAYAGE DE MINUTERIE**  
[72] AMONETT, Daniel Keith, US  
[73] EMERSON ELECTRIC CO., US  
[22] 1997-05-28  
[30] US (08/653,860) 1996-05-28

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[13] C

[51] **Int.Cl. 6B22C 9/10**  
[25] EN  
[54] **SINGLE-CAST, HIGH-TEMPERATURE, THIN WALL STRUCTURES AND METHODS OF MAKING THE SAME**  
[54] **STRUCTURES A PAROI MINCE REALISEES EN UNE SEULE COULEE, POUR UTILISATION A HAUTES TEMPERATURES ET METHODES PERMETTANT DE LES FABRIQUER**  
[72] MUELLER-LARGENT, Heidi, US  
[72] TREES, Floyd Freeman, US  
[72] HOFF, James Paul, US  
[72] LANE, John H., US  
[72] O'CONNOR, Kurt Francis, US  
[72] JEFFRIES, Ralph Edward, US  
[72] WHETSTONE, James Rodney, US  
[72] PEELER, Ralph Edmund, US  
[72] FRASIER, Donald James, US  
[73] ROLLS-ROYCE CORPORATION, US  
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[30] US (838,154) 1992-02-18

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[54] **ABOVE PRODUCTION DISPOSAL TOOL**  
[54] **OUTIL D'EVACUATION AU-DESSUS DE LA FORMATION DE PRODUCTION**  
[72] MICHAEL, Clarence, US  
[73] DOWN HOLE INJECTION, INC., US  
[85] 1997-06-20  
[86] 1996-08-07 (PCT/US96/12742)  
[87] (WO97/06347)  
[30] US (08/511,950) 1995-08-07

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[13] C

[51] **Int.Cl. 6G06F 17/30**  
[25] EN  
[54] **SYSTEM AND METHOD FOR PROVIDING STRUCTURED TOURS OF HYPERTEXT FILES**  
[54] **PROCEDE ET SYSTEME D'EXPLORATION STRUCTUREE DE FICHIERS HYPERTEXTE**  
[72] BLONDER, Greg E., US  
[72] MILEWSKI, Allen E., US  
[73] AT&T CORP., US  
[22] 1997-06-24  
[30] US (672,222) 1996-07-17

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[13] C

[51] **Int.Cl. 6G10L 5/00**  
[25] EN  
[54] **SPEECH CODING METHOD USING SYNTHESIS ANALYSIS**  
[54] **PROCEDE DE CODAGE DE PAROLE A ANALYSE PAR SYNTHESE**  
[72] NAVARRO, William, FR  
[72] MAUC, Michel, FR  
[73] MATRA COMMUNICATION, FR  
[85] 1997-07-03  
[86] 1996-01-03 (PCT/FR96/00004)  
[87] (WO96/21218)  
[30] FR (95/00134) 1995-01-06

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[13] C

[51] **Int.Cl. 6B60T 13/68**  
[25] EN  
[54] **ELECTRO-PNEUMATIC VALVE CONTROL**  
[54] **COMMANDE A DISTRIBUTEUR ELECTROPNEUMATIQUE**  
[72] ENGLE, Thomas H., US  
[73] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 1997-07-02  
[30] US (772,327) 1996-12-23

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[13] C

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[25] EN  
[54] **PANEL FOR PANEL SYSTEM IN RACEWAY CABLE RETENTION AND ACCOMMODATION APPARATUS**  
[54] **SYSTEME DE PANNEAUX DANS UN APPAREIL DE RETENUE ET DE LOGEMENT DE CHEMIN DE CABLES**  
[72] OTTO, John G., US  
[72] KELLEY, James O., US  
[73] HERMAN MILLER, INC., US  
[22] 1993-11-02  
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[13] C

[51] **Int.Cl. 6H04L 12/437 6H04B 10/20 6H04L 12/56**  
[25] EN  
[54] **ERRORLESS SWITCHING TECHNIQUES IN RING NETWORK**  
[54] **TECHNIQUES DE COMMUTATION SANS ERREUR POUR RESEAU ANNULAIRE**  
[72] CHAUDHURI, Sid, US  
[73] AT&T CORP., US  
[22] 1997-07-10  
[30] US (682,064) 1996-07-16

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[13] C

[51] **Int.Cl. 6B23K 11/00 6B23K 11/02**  
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[54] **WELD GUN COUNTERBALANCE APPARATUS**  
[54] **MECANISME D'EQUILIBRAGE D'APPAREIL A SOUDER A PINCE**  
[72] McFADDEN, Michael S., US  
[72] SUZIO, Richard F., US  
[72] HENDRICKS, Ronald R., US  
[73] PROGRESSIVE TOOL & INDUSTRIES COMPANY, US  
[22] 1997-07-11  
[30] US (08/713,249) 1996-09-12

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[13] C

[51] **Int.Cl. 6B32B 18/00 6H01M 2/00 6H01M 10/48**  
[25] EN  
[54] **MULTILAYER MOISTURE BARRIER FOR ELECTROCHEMICAL CELL TESTER**  
[54] **BARRIERE MULTICOUCHE CONTRE L'HUMIDITE POUR TESTEUR DE PILE ELECTROCHIMIQUE**  
[72] WEI, Guang, US  
[72] TREGGER, Jack, US  
[72] LAGOS, Bryan Christopher, US  
[72] FENN, John B., US  
[72] GIBBARD, H. Frank, US  
[73] DURACELL INC., US  
[85] 1997-07-11  
[86] 1996-01-22 (PCT/US96/00684)  
[87] (WO96/23217)  
[30] US (376,274) 1995-01-23

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[11] **2,210,504**  
[13] C

[51] **Int.Cl. 6B65H 19/28 6B65H 35/02 6B65H 18/08**  
[25] EN  
[54] **METHOD AND DEVICE FOR THREADING A PAPER WEB OR AN EQUIVALENT WEB-LIKE MATERIAL IN A WINDING DEVICE, IN PARTICULAR A SLITTER-WINDER**  
[54] **METHODE ET DISPOSITIF POUR ENGAGER UNE BANDE DE PAPIER OU AUTRE MATERIAU DU GENRE EN BANDE DANS UN DISPOSITIF ENROULEUR, EN PARTICULIER UNE COUPEUSE-BOBINEUSE**  
[72] AKERLUND, Kenneth, FI  
[73] VALMET CORPORATION, FI  
[22] 1997-07-15  
[30] FI (962868) 1996-07-16

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[13] C

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[25] EN  
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POLYMERS AND PROCESSES  
THEREFOR**  
[54] **POLYMERES D'OLEFINES ET DE  
.ALPHA.-OLEFINES ET PROCEDES DE  
POLYMERISATION**

[72] MCLAIN, Stephan James, US  
[72] BENNETT, Margaret Anne, US  
[72] KREUTZER, Kristina Ann, US  
[72] PARTHASARATHY, Anju, US  
[72] MCCORD, Elizabeth Forrester, US  
[72] FELDMAN, Jerald, US  
[72] KILLIAN, Christopher Moore, US  
[72] ARTHUR, Samuel David, US  
[72] BROOKHART, Maurice S., US  
[72] TEMPEL, Daniel Joseph, US  
[72] JOHNSON, Lynda Kaye, US  
[72] COUGHLIN, Edward Bryan, US  
[72] ITTEL, Steven Dale, US  
[73] UNIVERSITY OF NORTH  
CAROLINA AT CHAPEL HILL, US  
[73] E.I. DU PONT DE NEMOURS AND  
COMPANY, US  
[85] 1997-07-22  
[86] 1996-01-24 (PCT/US96/01282)  
[87] (WO96/23010)  
[30] US (08/378,044) 1995-01-24  
[30] US (08/415,283) 1995-04-03  
[30] US (08/473,590) 1995-06-07  
[30] US (60/007,375) 1995-11-15  
[30] US (60/002,654) 1995-08-22

[11] **2,211,722**  
[13] C

[51] **Int.Cl. 6C07C 43/04 6C07C 41/09  
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[25] EN  
[54] **PREPARATION OF FUEL GRADE  
DIMETHYL ETHER**

[54] **PREPARATION D'ETHER  
DIMETHYLIQUE DE QUALITE  
CARBURANT**

[72] BOGILD HANSEN, John, DK  
[72] JOENSEN, Finn, DK  
[72] VOSS, Bodil, DK  
[73] Haldor Topsoe A/S, DK  
[85] 1997-07-29  
[86] 1996-01-29 (PCT/DK96/00047)  
[87] (WO96/23755)  
[30] DK (0120/95) 1995-02-03

[11] **2,212,680**  
[13] C

[51] **Int.Cl. 6B28B 19/00 6B28B 7/18**  
[25] EN  
[54] **PROCESS FOR THE PRODUCTION  
OF HEAT INSULATION PANELS FOR  
LARGE PANEL CONSTRUCTION**  
[54] **PROCEDE POUR LA  
FABRICATION DE PANNEAUX  
CALORIFUGES POUR LA  
CONSTRUCTION EN GRANDS  
PANNEAUX**

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[73] IPA-ISORAST INTERNATIONAL  
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[85] 1997-08-08  
[86] 1996-02-07 (PCT/EP96/00505)  
[87] (WO96/24476)  
[30] DE (195 04 235.2) 1995-02-09

[11] **2,212,736**  
[13] C

[51] **Int.Cl. 6H01S 3/00**  
[25] EN  
[54] **A LASER**  
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[72] WYATT, Richard, GB  
[72] ARMITAGE, Jonathan Richard, GB  
[72] WILLIAMS, Douglas, GB  
[72] WICKES, Howard John, GB  
[72] ROBERTSON, Michael James, GB  
[72] PAYNE, Roger Alyn, GB  
[72] CAMPBELL, Robert John, GB  
[72] BRIERLEY, Michael Charles, GB  
[73] BRITISH TELECOMMUNICATIONS  
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[85] 1997-08-11  
[86] 1996-03-07 (PCT/GB96/00530)  
[87] (WO96/27929)  
[30] EP (95301480.0) 1995-03-07

[11] **2,213,013**  
[13] C

[51] **Int.Cl. 6B60T 15/18**  
[25] EN  
[54] **COMBINATION MOTOR/  
PNEUMATIC DRIVEN TRAIN BRAKE  
PIPE PRESSURE EXHAUST VALVE**  
[54] **ROBINET D'ECHAPPEMENT DE  
CONDUITE A DISPOSITIF DE  
COMMANDE A MOTEUR ET A  
DISPOSITIF DE COMMANDE  
PNEUMATIQUE**

[72] HART, James E., US  
[72] BEZOS, Angel P., US  
[73] WESTINGHOUSE AIR BRAKE  
COMPANY, US  
[22] 1997-08-13  
[30] US (831,485) 1997-03-31

[11] **2,213,074**  
[13] C

[51] **Int.Cl. 6B60T 17/02 6F15B 21/04  
6F04B 39/06**  
[25] EN  
[54] **FAN POWERED AFTERCOOLER  
AND CONTROL CIRCUIT FOR  
LOCOMOTIVE COMPRESSORS  
HAVING NO INTEGRAL  
AFTERCOOLER**  
[54] **REFROIDISSEUR REFROIDI PAR  
VENTILATEUR ET CIRCUIT DE  
COMMANDE POUR COMPRESSEURS  
DE LOCOMOTIVES N'AYANT PAS DE  
REFROIDISSEUR INTEGRE**  
[72] CUNKELMAN, Brian L., US  
[72] GOETTEL, Walter E., US  
[72] WAGNER, Daniel G., US  
[73] WESTINGHOUSE AIR BRAKE  
COMPANY, US  
[22] 1997-08-14  
[30] US (831,498) 1997-03-31

[11] **2,213,118**  
[13] C

[51] **Int.Cl. 6A61B 5/04 6G06F 19/00**  
[25] EN  
[54] **DATA REDUCTION OF SENSED  
VALUES IN AN IMPLANTABLE  
MEDICAL DEVICE THROUGH THE  
USE OF A VARIABLE RESOLUTION  
TECHNIQUE**  
[54] **REDUCTION DE DONNEES DE  
VALEURS DETECTEES DANS UN  
DISPOSITIF IMPLANTABLE A USAGE  
MEDICAL PAR MISE EN OEUVRE  
D'UNE TECHNIQUE A RESOLUTION  
VARIABLE**  
[72] WOODSON, Drury L., US  
[73] INTERMEDICS INC., US  
[85] 1997-10-16  
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[30] US (08/478,473) 1995-06-07

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[13] C

[51] **Int.Cl. 6A61B 8/08**  
[25] EN  
[54] **APPARATUS AND METHOD FOR ACOUSTIC ANALYSIS OF BONE USING OPTIMIZED FUNCTIONS OF SPECTRAL AND TEMPORAL SIGNAL COMPONENTS**  
[54] **APPAREIL ET PROCEDURE D'ANALYSE ACOUSTIQUE D'UN OS A L'AIDE DE FONCTIONS OPTIMISEES DE COMPOSANTES SPECTRALES ET TEMPORELLES DE SIGNAUX**  
[72] WHITNEY, Hartwell H., US  
[72] BUTT, David, US  
[72] BUHLER, Joe P., US  
[72] GOLL, Jeffrey H., US  
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[85] 1997-08-22  
[86] 1996-03-13 (PCT/US96/03441)  
[87] (WO96/33657)  
[30] US (08/404,813) 1995-03-13

[11] 2,213,845  
[13] C

[51] **Int.Cl. 6B24D 3/34 6B24D 3/28**  
[25] EN  
[54] **IMPROVED GRINDING WHEEL FOR FLAT GLASS BEVELING**  
[54] **MEULE AMELIOREE POUR CHANFREINER DES VERRES PLATS**  
[72] RAMANATH, Srinivasan, US  
[72] BULJAN, Sergej-Tomislav, US  
[72] WILLISTON, William H., US  
[73] Norton Company, US  
[85] 1997-08-26  
[86] 1996-02-21 (PCT/US96/02395)  
[87] (WO96/29179)  
[30] US (08/407,221) 1995-03-21

[11] 2,214,161  
[13] C

[51] **Int.Cl. 6H04N 5/765**  
[25] EN  
[54] **KARAOKE PLAYBACK APPARATUS UTILIZING DIGITAL MULTI-CHANNEL BROADCASTING**  
[54] **APPAREIL KARAOKE A DIFFUSION MULTICANAL NUMERIQUE ET SYSTEME COMPORTANT CET APPAREIL**  
[72] MINO, Hiroshi, JP  
[72] TOYOSAWA, Masao, JP  
[73] Daiichi Kosho, Co., Ltd., JP  
[22] 1997-08-28  
[30] JP (8-230404) 1996-08-30

[11] 2,214,189  
[13] C

[51] **Int.Cl. 6D01F 8/12**  
[25] EN  
[54] **NOVEL BICOMPONENT FIBERS HAVING CORE DOMAIN FORMED OF REGENERATED POLYMERIC MATERIALS AND METHODS OF MAKING THE SAME**  
[54] **NOUVELLES FIBRES BICOMPOSEES A NOYAU DE MATERIAUX POLYMERES RECYCLES ET METHODES DE FABRICATION DE CES FIBRES**  
[72] KENT, Diane R., US  
[72] HOYT, Matthew B., US  
[73] BASF CORPORATION, US  
[22] 1997-09-10  
[30] US (60/034,745) 1997-01-10

[11] 2,214,410  
[13] C

[51] **Int.Cl. 6C07K 5/08 6C07K 5/027 6C07K 5/033 6C07K 5/072 6C07K 5/10**  
[25] EN  
[54] **PEPTIDE AND A METHOD OF OBTAINING IT**  
[54] **PEPTIDE ET SON PROCEDURE D'OBTENTION**  
[72] DEIGIN, Vladislav Isakovich, RU  
[72] KOROTKOV, Andrei Marxovich, RU  
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[85] 1997-08-29  
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[30] RU (95102461) 1995-03-02

[11] 2,214,682  
[13] C

[51] **Int.Cl. 6G08C 17/02 6H04B 7/00 6B60T 13/66**  
[25] EN  
[54] **RADIO-BASED ELECTRO-PNEUMATIC CONTROL COMMUNICATIONS SYSTEMS**  
[54] **SYSTEME DE COMMUNICATION POUR LA RADIOCOMMANDE DE FREINS ELECTROPNEUMATIQUES**  
[72] KULL, Robert C., US  
[73] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 1997-09-05  
[30] US (771,290) 1996-12-20

[11] 2,215,086  
[13] C

[51] **Int.Cl. 6B60P 1/43**  
[25] EN  
[54] **BRIDGE PLATE FOR A MASS TRANSIT VEHICLE**  
[54] **PONT DE LIAISON POUR VEHICULE DE TRANSPORT EN COMMUN**  
[72] OLSEN, Alf, US  
[72] GOLEMIS, Fotios, US  
[73] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 1997-09-10  
[30] US (799,165) 1997-02-14

[11] 2,215,115  
[13] C

[51] **Int.Cl. 6H04B 10/17 6H04J 14/02**  
[25] EN  
[54] **SYSTEM AND METHOD FOR MITIGATING CROSS-SATURATION IN OPTICALLY AMPLIFIED NETWORKS**  
[54] **SYSTEME ET METHODE DE LIMITATION DE LA SATURATION CROISEE DANS LES RESEAUX A AMPLIFICATION OPTIQUE**  
[72] NEWSOME, George W., US  
[72] TKACH, Robert William, US  
[72] ELLSON, John C., US  
[72] CHRAPLYVY, Andrew R., US  
[72] ZYSKIND, John Lehrer, US  
[73] LUCENT TECHNOLOGIES INC., US  
[73] AT&T CORP., US  
[22] 1997-09-11  
[30] US (713,568) 1996-09-13

[11] 2,215,721  
[13] C

[51] **Int.Cl. 6H04B 15/00**  
[25] EN  
[54] **FREQUENCY CANCELLING SYSTEM AND METHOD**  
[54] **SYSTEME ET METHODE DE SUPPRESSION DE FREQUENCES**  
[72] PALMER, John P., US  
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[22] 1997-09-18  
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[51] **Int.Cl. 6E01B 5/02**  
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[54] **RAIL A FAIBLE NIVEAU DE RADIATION SONORE**  
[72] SCHIFFERL, Herbert-Adolf, AT  
[73] Voest-Alpine Schienen GmbH, AT  
[85] 1997-09-19  
[86] 1996-03-05 (PCT/AT96/00040)  
[87] (WO96/30592)  
[30] AT (A 527/95) 1995-03-24

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[11] **2,216,030**  
[13] C

[51] **Int.Cl. 6C11D 1/835 6C11D 3/37**  
[25] EN  
[54] **IMPROVED RINSE AID COMPOSITIONS CONTAINING ALKYLIMINODIALKANOATES**  
[54] **COMPOSITIONS D'ADJUVANT DE RINCAGE AMELIOREES CONTENANT DES ALKYLIMINODIALCANOATES**  
[72] ROBERTS, Glenis, US  
[72] WELCH, Michael C., US  
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[73] BASF CORPORATION, US  
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[13] C

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[54] **GAS FLOW AND LUBRICATION OF A SCROLL COMPRESSOR**  
[54] **CIRCULATION DE GAZ ET LUBRIFICATION DANS UN COMPRESSEUR HELICOIDAL**  
[72] ROOD, Jerry A., US  
[72] KOTLAREK, Peter A., US  
[72] CRUM, Daniel R., US  
[72] SIMMONS, Bill P., US  
[72] TEEGARDEN, Arlo F., US  
[73] AMERICAN STANDARD INTERNATIONAL INC., US  
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[13] C

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[25] EN  
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[54] **POUSSE-SERINGUE POUR FAIBLES VOLUMES ET A HAUTE PRESSION**  
[72] KOCHERSPERGER, Michael L., US  
[72] KOWALLIS, Reid B., US  
[72] PHAM, Andrew A., US  
[73] PE CORPORATION (NY), US  
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[86] 1996-03-07 (PCT/US96/03696)  
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[13] C

[51] **Int.Cl. 6B61H 13/34 6B60T 7/00 6B61H 13/20**  
[25] EN  
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[54] **MECANISME DE DESSERRAGE MANUEL DU FREIN DE STATIONNEMENT**  
[72] MOORE, Roland S., US  
[72] CATHCART, Christopher A., US  
[73] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 1997-10-02  
[30] US (850,600) 1997-05-02

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[11] **2,217,245**  
[13] C

[51] **Int.Cl. 6B61H 13/20 6B61H 15/00 6B60T 7/00**  
[25] EN  
[54] **SPRING APPLIED PARKING BRAKE ACTUATOR HAVING A COLLET STYLE SLACK ADJUSTER**  
[54] **RECEPTEUR DE FREINAGE DE STATIONNEMENT EXERCE PAR RESSORT AYANT UN REGLEUR DE TIMONERIE A BAGUE DE SERRAGE**  
[72] CATHCART, Christopher A., US  
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[73] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 1997-10-02  
[30] US (850,599) 1997-05-02

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[13] C

[51] **Int.Cl. 6E21B 43/22**  
[25] EN  
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[54] **METHODES DE FRACTURATION DE FORMATIONS SOUTERRAINES**  
[72] CARD, Roger J., US  
[72] NELSON, Erik B., US  
[72] BROWN, J. Ernest, US  
[73] SCHLUMBERGER CANADA LIMITED, CA  
[22] 1997-10-07  
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[11] **2,217,685**  
[13] C

[51] **Int.Cl. 6B25B 21/00**  
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[54] **PROCEDE ET DISPOSITIF POUR VISSER UNE VIS**  
[72] ARATA, Ken, JP  
[72] FUJII, Satoshi, JP  
[73] KANEMATSU-NNK CORPORATION, JP  
[85] 1997-10-07  
[86] 1997-02-07 (PCT/JP97/00324)  
[87] (WO97/28927)  
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[11] **2,218,031**  
[13] C

[51] **Int.Cl. 6C07K 5/107 6A01N 41/04 6C07K 7/06 6A01N 43/36 6A01N 37/46 6A01N 43/50 6A01N 37/52**  
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[54] **PLANT CELL GROWTH FACTOR**  
[54] **FACTEUR DE CROISSANCE CELLULAIRE VEGETALE**  
[72] SAKAGAMI, Youji, JP  
[72] MATSUBAYASHI, Yoshikatsu, JP  
[73] KYOWA HAKKO KOGYO CO., LTD., JP  
[85] 1997-10-10  
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[30] WO (PCT/JP95/02091) 1995-10-10

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[13] C

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[25] EN  
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[54] METHODE ET SYSTEME UTILISANT UNE INFORMATION PERSONNELLE COMME CLE POUR LA DISTRIBUTION D'INFORMATIONS  
[72] CIVANLAR, Mehmet Reha, US  
[73] AT&T CORP., US  
[22] 1997-10-16  
[30] US (752,119) 1996-11-20

[11] 2,218,825  
[13] C

[51] Int.Cl. 6F16D 41/18 6D06F 39/00 6H01H 43/02  
[25] EN  
[54] APPLIANCE TIMER HAVING COUPLING MECHANISM THAT PREVENTS CAMSTACK FROM ROTATING IN INAPPROPRIATE DIRECTION  
[54] MINUTERIE D'APPAREIL MENAGER A MECANISME DE COUPLAGE EMPECHANT LA CAME DE TOURNER DANS LE MAUVAIS SENS  
[72] WORLEY, Lloyd C., US  
[73] EMERSON ELECTRIC CO., US  
[22] 1997-11-06  
[30] US (08/807,350) 1997-02-27

[11] \* 2,219,045  
[13] C

[51] Int.Cl. 6H04L 29/06  
[25] EN  
[54] EXTENSIONS TO DISTRIBUTED MAC PROTOCOLS WITH COLLISION AVOIDANCE USING RTS/CTS EXCHANGES  
[54] EXTENSIONS AUX PROTOCOLES MAS REPARTIS AVEC FONCTION D'ANTICOLLISION FONDEE SUR LES ECHANGES RTS-CTS  
[72] MCKAY, DANNY NEIL, CA  
[72] REZVANI, Babak, US  
[72] KERMANI, Parviz, US  
[72] HORTENSIUS, Peter D., US  
[72] OLSEN, Claus M., US  
[72] NAGHSHINEH, Mahmoud, US  
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[62] 2,210,030  
[30] US (8/677,145) 1996-07-09

[11] 2,219,694  
[13] C

[51] Int.Cl. 6F16D 69/02  
[25] EN  
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[54] GARNITURE DE SABOT DE FREIN  
[72] FORMOLO, Joseph, US  
[72] SHUTE, Bruce W., US  
[73] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 1997-10-30  
[30] US (870,877) 1997-06-06

[11] 2,219,695  
[13] C

[51] Int.Cl. 6E04F 19/02 6E04F 13/06  
[25] EN  
[54] DRYWALL-TRIMMING ARTICLE HAVING CURVED SURFACE COVERED WITH DISCRETE FIBERS  
[54] ARTICLE DE FINITION DE CLOISON SECHE AVEC SURFACE COURBEE COUVERTE DE FIBRES DISCRETES  
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[73] Trim-Text, Inc., US  
[22] 1997-10-30  
[30] US (757,113) 1996-12-02

[11] 2,220,832  
[13] C

[51] Int.Cl. 6H04L 12/24 6G07F 7/12 6H04L 12/56 6H04L 12/66  
[25] EN  
[54] A SYSTEM AND METHOD FOR MANAGING PACKET-SWITCHED CONNECTIONS  
[54] SYSTEME ET METHODE DE GESTION DE CONNEXIONS A COMMUTATION DE PAQUETS  
[72] MACCALLUM, LOUISE A., CA  
[72] MOUSSEAU, Gary P., CA  
[72] CHURCH, MARK E., CA  
[72] LITTLE, HERB A., CA  
[73] Research In Motion Limited, CA  
[22] 1997-11-12  
[30] US (08/949,297) 1997-10-13

[11] 2,222,379  
[13] C

[51] Int.Cl. 6G01R 31/02 6H01H 9/50  
[25] FR  
[54] PROCEDE DE DISCRIMINATION ENTRE UN ARC INTERNE ET UN ARC DE COUPURE DETECTES DANS UNE INSTALLATION ELECTRIQUE SOUS ENVELOPPE METALLIQUE  
[54] PROCEDURE FOR DISTINGUISHING BETWEEN AN INTERNAL ARC AND A BREAKDOWN ARC IN AN ELECTRICAL INSTALLATION UNDER A METALLIC SHEATHING  
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[72] PENNING, Jean-François, FR  
[73] GEC ALSTHOM T & D SA, FR  
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[30] FR (96 15 427) 1996-12-16

[11] 2,224,387  
[13] C

[51] Int.Cl. 6C07C 211/42  
[25] EN  
[54] SERTRALINE POLYMORPH  
[54] SERTRALINE POLYMORPHE  
[72] WILSON, ANDREW JOSEPH, CA  
[72] ANT CZAK, CASIMIR G., CA  
[73] TORCAN CHEMICAL LTD., CA  
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[11] 2,224,665  
[13] C

[51] Int.Cl. 6H01P 1/20 6H01P 7/10  
[25] EN  
[54] ARRANGEMENT AND METHOD RELATING TO TUNABLE DEVICES  
[54] AGENCEMENT ET PROCEDE CONCERNANT DES DISPOSITIFS ACCORDABLES  
[72] GEVORGIAN, Spartak, SE  
[72] KOLLBERG, Erik, SE  
[72] WIKBORG, Erland, SE  
[72] VENDIK, Orest, RU  
[73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE  
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[86] 1996-06-13 (PCT/SE96/00769)  
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[30] SE (9502138-2) 1995-06-13

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[13] C

[51] **Int.Cl. 6G06K 9/64**  
[25] EN  
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[54] **MECANISME ET METHODE DE VERIFICATION DE SIGNATURES STATIQUES AU MOYEN D'INFORMATIONS DYNAMIQUES**  
[72] KASHI, Ramanujan S., US  
[72] WILFONG, Gordon Thomas, US  
[72] NELSON, Winston Lowell, US  
[73] LUCENT TECHNOLOGIES INC., US  
[22] 1997-12-18  
[30] US (08/798,981) 1997-02-11

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[11] **2,225,450**  
[13] C

[51] **Int.Cl. 6C12N 15/54 6C12N 9/12 6C12Q 1/48 6G01N 33/566**  
[25] EN  
[54] **INTERLEUKIN-1 RECEPTOR-ASSOCIATED PROTEIN KINASE AND ASSAYS**  
[54] **PROTEINE KINASE ASSOCIEE AU RECEPTEUR DE L'INTERLEUKINE-1 ET DOSAGES**  
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[72] GOEDDEL, David V., US  
[72] CAO, Zhaodan, US  
[73] TULARIK, INC., US  
[85] 1997-12-22  
[86] 1996-06-05 (PCT/US96/09193)  
[87] (WO97/00690)  
[30] US (08/494,006) 1995-06-23

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[13] C

[51] **Int.Cl. 6G01S 3/781 6H04B 10/00 6A61F 9/00 6H04B 10/06 6G01S 1/70 6G01S 3/78**  
[25] EN  
[54] **DISCRIMINATING INFRARED SIGNAL DETECTOR AND SYSTEMS UTILIZING THE SAME**  
[54] **DETECTEUR D'INFRAROUGE IR DISCRIMINATEUR ET SYSTEMES L'UTILISANT**  
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[73] Talking Signs, Inc., US  
[85] 1997-12-23  
[86] 1996-06-26 (PCT/US96/10900)  
[87] (WO97/02669)  
[30] US (496,970) 1995-06-30

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[11] **2,225,752**  
[13] C

[51] **Int.Cl. 6B21B 1/46 6C21D 8/04 6C21D 9/68**  
[25] EN  
[54] **METHOD AND PLANT FOR THE MANUFACTURE OF A STRIP OF FORMABLE STEEL**  
[54] **PROCEDE ET INSTALLATION POUR LA FABRICATION D'UNE BANDE D'ACIER FORMABLE**  
[72] PRONK, Cornelis, NL  
[72] CORNELISSEN, Marcus Cornelis Maria, NL  
[72] DEN HARTOG, Huibert Willem, NL  
[73] Hoogovens Staal B.V., NL  
[85] 1997-12-24  
[86] 1996-06-28 (PCT/EP96/02874)  
[87] (WO97/01402)  
[30] NL (1000694) 1995-06-29

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[11] **2,226,034**  
[13] C

[51] **Int.Cl. 6B65B 35/38 6B65B 5/08**  
[25] EN  
[54] **APPARATUS FOR FILLING CARTONS**  
[54] **APPAREIL POUR REMPLIR DES CARTONNAGES**  
[72] FOCKE, Heinz, DE  
[72] MUTSCHALL, Hugo, DE  
[73] FOCKE & CO. (GMBH & CO.), DE  
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[54] **SYSTEME DE CODAGE DE DONNEES D'IMAGE ET APPAREIL D'ENREGISTREMENT DES IMAGES**  
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[72] HASHIMOTO, Masahiro, JP  
[72] NAKANO, Hiroataka, JP  
[73] NEC CORPORATION, JP  
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[51] **Int.Cl. 6B32B 27/12 6D06N 7/00 6A41D 31/02 6D06M 23/16**  
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[54] **LAMINES TEXTILES RESISTANT AU LAVAGE**  
[72] DUTTA, Anit, US  
[73] W.L. Gore & Associates, Inc., US  
[85] 1998-01-23  
[86] 1997-03-25 (PCT/US97/04930)  
[87] (WO97/38854)  
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[13] C

[51] **Int.Cl. 6G10L 5/06**  
[25] EN  
[54] **SPEAKER RECOGNITION SYSTEM CAPABLE OF ACCURATELY SELECTING INHIBITING REFERENCE PATTERNS BY USING SMALL AMOUNT OF CALCULATION**  
[54] **SYSTEME DE RECONNAISSANCE DE LOCUTEURS CAPABLE DE SELECTIONNER PRECISEMENT DES STRUCTURES DE REFERENCE INVALIDANTES AVEC PEU DE CALCULS**  
[72] HATTORI, Hiroaki, JP  
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[73] NEC CORPORATION, JP  
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[54] **CODEUR/DECODEUR DE PAROLE**  
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[73] NEC CORPORATION, JP  
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STRUCTURE FOR GAS TURBINE  
BLADE  
[54] STRUCTURE DE VOIES POUR  
AGENT DE REFROIDISSEMENT  
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[73] MITSUBISHI HEAVY INDUSTRIES,  
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[22] 1998-02-11  
[30] JP (9-037647) 1997-02-21

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[13] C

[51] Int.Cl. 6E04C 2/288 6E04B 1/80  
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[25] EN  
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PANEL SYSTEM  
[54] SYSTEME DE PANNEAUX DE  
FINITION EXTERIEURE ISOLANTS  
[72] SANTAROSSA, NED, CA  
[73] 888804 Ontario Limited, CA  
[22] 1998-02-20  
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[51] Int.Cl. 6H02P 7/00 6H02P 1/02 6H02P  
3/02 6A47L 9/28  
[25] EN  
[54] USER OPERATED SWITCH AND  
SPEED CONTROL DEVICE FOR A  
WET/DRY VACUUM  
[54] DISPOSITIF DE COMMANDE ET  
DE REGULATION DE VITESSE,  
ACTIONNE PAR L'UTILISATEUR ET  
CONCU POUR UN ASPIRATEUR DE  
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[72] METZGER, James I., Jr., US  
[72] GIERER, Joseph T., US  
[72] HOLSTEN, Stuart V., US  
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[73] EMERSON ELECTRIC CO., US  
[22] 1998-04-17  
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[51] Int.Cl. 6G06F 7/20  
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[54] SYSTEME DE DETECTION  
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[72] MONDEN, Akira, JP  
[73] NEC CORPORATION, JP  
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SEPARATOR WITH BAFFLE  
[54] SEPARATEUR DE LIQUIDE  
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[72] CASTLE, T. Kevin, US  
[72] KAZAKIS, Michael V., US  
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[73] NEC CORPORATION, JP  
[22] 1998-04-01  
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[54] CAISSON A COUVERCLE  
VERROUILLABLE POUR  
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[72] BORGMANN, Russell, US  
[72] SCHERER, Scott, US  
[72] MARTIN, Doug, US  
[73] Coinstar, Inc., US  
[22] 1998-04-08  
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[54] ANTENNE A LENTILLE  
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[73] NEC CORPORATION, JP  
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[13] C

[51] Int.Cl. 6H04N 5/93 6H04N 7/50  
6H04N 5/60  
[25] EN  
[54] SYSTEM FOR GENERATING  
MULTIPLE ASPECT RATIO VIDEO  
SIGNALS FROM MOTION PICTURE  
DISK RECORDED IN SINGLE ASPECT  
RADIO  
[54] SYSTEME PERMETTANT DE  
GENERER PLUSIEURS SIGNAUX DE  
RAPPORT LARGEUR/HAUTEUR A  
PARTIR D'UN DISQUE DE FILM  
CINEMATOGRAPHIQUE  
ENREGISTRE AVEC UN SEUL  
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[72] LIEBERFARB, Warren N., US  
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[72] OSTROVER, Lewis S., US  
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[62] 2,174,320  
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[25] EN  
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SYSTEM  
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[72] MORIYA, Koji, JP  
[73] CASIO COMPUTER CO., LTD., JP  
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[25] FR  
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[72] CHAUBET, Olivier, FR  
[72] CIESLAK, Michel, FR  
[72] PREVOST, Jean-Pierre, FR  
[73] NOVALIS FIBRES, FR  
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[86] 1996-12-05 (PCT/FR96/01944)  
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[13] C

[51] **Int.Cl. 6H04M 3/50**  
[25] EN  
[54] **VOICE MESSAGING SYSTEM WITH NON-USER OUTCALLING AND AUTO-PROVISIONING CAPABILITIES**  
[54] **SYSTEME DE MESSAGERIE VOCALE PERMETTANT D'APPELER DES NON-UTILISATEURS ET DE LES ABONNER AUTOMATIQUEMENT AU SERVICE**  
[72] LADD, David J., US  
[72] HYDE-THOMSON, Henry C. A., GB  
[72] THOMAS, C. Reid, US  
[73] LUCENT TECHNOLOGIES INC., US  
[22] 1998-06-01  
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[25] EN  
[54] **CREDIT CARD WITH DIGITIZED FINGER PRINT AND READING APPARATUS**  
[54] **CARTE DE CREDIT AVEC EMPREINTE DIGITALE NUMERISEE ET APPAREIL DE LECTURE**  
[72] MATHURIN, Trevor R., Jr., US  
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[25] EN  
[54] **ANTENNA FOR RADIATING CABLE-TO-VEHICLE COMMUNICATION SYSTEMS**  
[54] **ANTENNE DE RAYONNEMENT DE SYSTEMES DE COMMUNICATION CABLE-A-VEHICULE**  
[72] DIENES, Geza, US  
[73] ANDREW CORPORATION, US  
[22] 1998-06-05  
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[25] EN  
[54] **FILTER OPERATING WITH ACOUSTIC SURFACE WAVES (SW FILTER)**  
[54] **FILTRE FONCTIONNANT AVEC LES ONDES DE SURFACE ACOUSTIQUES**  
[72] SCHROPP, Isidor, DE  
[72] BAIER, Thomas, DE  
[72] MACHUI, Jürgen, DE  
[72] MULLER, Günter, DE  
[73] SIEMENS MATSUSHITA COMPONENTS GMBH & CO. KG, DE  
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[25] EN  
[54] **IMAGE COMMUNICATION APPARATUS**  
[54] **APPAREIL DE TRANSMISSION D'IMAGES**  
[72] SEKIGUCHI, Kiyonori, JP  
[73] MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS, INC., JP  
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[54] **TRAINING ON CORNADIS**  
[72] VANDEVELDE, Noël, BE  
[73] PYFFEROEN, MICHEL, CA  
[22] 1998-07-06  
[30] BE (09700593) 1997-07-09

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[54] **IMPROVED ARC RETRACT CIRCUIT AND METHOD**  
[54] **CIRCUIT AMELIORE DE RETRAIT DE L'ARC ET METHODE D'UTILISATION**  
[72] DANIEL, Joseph Allen, US  
[73] LINCOLN GLOBAL, INC., US  
[22] 1998-07-14  
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[51] **Int.Cl. 6G01N 23/02 6G01N 33/46**  
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[54] **A METHOD OF DETERMINING THE DENSITY PROFILE**  
[54] **PROCEDE DE MESURE D'UN PROFIL DE DENSITE**  
[72] TELLER, Steen, DK  
[73] WESSER & DUEHOLM, DK  
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[13] C

[51] **Int.Cl. 6H01Q 21/06**  
[25] EN  
[54] **CONTROL METHOD OF ADAPTIVE ARRAY AND ADAPTIVE ARRAY APPARATUS**  
[54] **METHODE DE COMMANDE D'UNE ANTENNE ADAPTATIVE ET D'UN DISPOSITIF A ANTENNE ADAPTATIVE**  
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[73] NEC CORPORATION, JP  
[22] 1998-07-30  
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[54] **DISPOSITIF COMBUSTOR DE**  
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[72] TANAKA, Katsunori, JP  
[72] MANDAI, Shigemi, JP  
[72] OHTA, Masataka, JP  
[72] AKAMATSU, Shinji, JP  
[73] MITSUBISHI HEAVY INDUSTRIES,  
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[22] 1998-09-02  
[30] JP (9-242690) 1997-09-08

[11] **2,248,204**  
[13] C  
[51] **Int.Cl. 6G07F 11/62 6A61G 12/00**  
**6A61J 1/00**  
[25] EN  
[54] **MEDICAMENT VERIFICATION IN**  
**AN AUTOMATIC DISPENSING**  
**SYSTEM**  
[54] **VERIFICATION DES**  
**MEDICAMENTS DANS UN**  
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[72] COUGHLIN, Michael E., US  
[73] SCRIPTPRO, L.L.C., US  
[85] 1998-09-04  
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[87] (WO97/34268)  
[30] US (08/613,852) 1996-03-11

[11] **2,248,277**  
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[51] **Int.Cl. 6B31B 1/74 6B31F 1/36**  
[25] EN  
[54] **PRECONDITIONED**  
**PAPERBOARD CONTAINERS AND**  
**METHOD AND APPARATUS FOR**  
**MAKING SAME**  
[54] **CONTENANTS DE CARTON**  
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**APPAREIL DE FABRICATION**  
**CORRESPONDANTS**  
[72] LIVINGSTON, Arthur, US  
[72] HUSS, Brian S., US  
[72] ALOISI, Robert J., US  
[73] James River Corporation of Virginia, US  
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[13] C  
[51] **Int.Cl. 6B29C 49/36 6B29C 49/42**  
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[54] **A BLOW MOULDING MACHINE**  
[54] **MACHINE A SOUFFLER**  
[72] WINTER, Horst, DE  
[72] GRIESBECK, Karl, DE  
[73] KRONES AG, DE  
[85] 1998-10-07  
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[87] (WO98/35815)  
[30] DE (197 06 182.6) 1997-02-17  
[30] DE (197 27 278.9) 1997-06-27

[11] **2,253,988**  
[13] C  
[51] **Int.Cl. 6F16K 41/12 6F16K 7/16**  
[25] EN  
[54] **METAL DIAPHRAGM TYPE**  
**VALVE**  
[54] **SOUPAPE A MEMBRANE**  
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[72] YOSHIKAWA, Kazuhiro, JP  
[72] OGAWA, Shuhei, JP  
[73] FUJIKIN INCORPORATED, JP  
[22] 1998-11-12  
[30] US (08/976,639) 1997-11-24

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[13] C  
[51] **Int.Cl. 6H03L 7/097 6H03L 7/08**  
**6H03L 7/085**  
[25] EN  
[54] **PHASE MODULATED**  
**REDUCTION OF CLOCK WANDER IN**  
**SYNCHRONOUS WIDE AREA**  
**NETWORKS**  
[54] **REDUCTION PAR MODULATION**  
**DE PHASE DE LA DERIVE**  
**D'HORLOGE DANS LES RESEAUX**  
**ETENDUS SYNCHRONES**  
[72] ACIMOVIC, Predrag, CA  
[72] HUSCROFT, Charles Kevin, CA  
[73] PMC-SIERRA LTD., CA  
[22] 1998-11-18

[11] **2,255,395**  
[13] C  
[51] **Int.Cl. 6H04B 7/185 6H04Q 7/24**  
**6H04Q 7/32**  
[25] EN  
[54] **SATELLITE COMMUNICATION**  
**SYSTEM THAT IS COUPLED TO A**  
**TERRESTRIAL COMMUNICATION**  
**NETWORK AND METHOD**  
[54] **SYSTEME DE COMMUNICATION**  
**A SATELLITES COUPLE A UN RESEAU**  
**DE COMMUNICATION TERRESTRE**  
**ET METHODE DE COMMUNICATION**  
**CONNEXE**  
[72] WIEDEMAN, Robert A., US  
[72] MONTE, Paul A., US  
[73] Space Systems/Loral, Inc., US  
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[30] US (08/088,896) 1993-07-08

[11] **2,265,242**  
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[51] **Int.Cl. 6B29C 45/34**  
[25] EN  
[54] **MOLD FOR USE IN PLASTIC**  
**INJECTION MOLDING SYSTEM AND**  
**VENTING PIN ASSEMBLY FOR USE**  
**THEREIN**  
[54] **MOULE POUR SYSTEME DE**  
**MOULAGE DE PLASTIQUE PAR**  
**INJECTION ET ASSEMBLAGE DE**  
**TIGE DE VENTILATION**  
[72] MURPHY, John F., US  
[73] PATENT HOLDING COMPANY, US  
[22] 1999-03-11  
[30] US (09/041,333) 1998-03-12

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[51] **Int.Cl. 6H03F 3/72 6H01L 27/04**  
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[25] EN  
[54] **GENERALIZED PROCEDURE FOR**  
**THE CALIBRATION OF SWITCHED**  
**CAPACITOR GAIN STAGES**  
[54] **PROCEDURE GENERALISEE**  
**POUR L'ETALONNAGE DES ETAGES**  
**DE GAIN DE CONDENSATEUR**  
**COMMUTE**  
[72] NAIRN, David Graham, US  
[73] PMC-SIERRA LTD., CA  
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[51] **Int.Cl. 6F16B 5/06 6A21B 3/00 6F24B 13/00 6F16J 15/12 6E06B 7/16**  
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[54] **ATTACHES POUR SUPPORTER DES GARNITURES A DES SURFACES**  
[72] MOYER, James D., US  
[73] BENTLEY-HARRIS INC., US  
[22] 1992-03-05  
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[25] EN  
[54] **INJECTION MOLDING ENCAPSULATION FOR AN ELECTRONIC DEVICE DIRECTLY ONTO A SUBSTRATE**  
[54] **DISPOSITIF ELECTRONIQUE ENCAPSULE A MEME LE SUBSTRAT PAR INJECTION ET MOULAGE**  
[72] CENTOFANTE, Charles A., US  
[73] GREAT AMERICAN GUMBALL CORPORATION, US  
[85] 1999-06-09  
[86] 1997-12-09 (PCT/US97/22593)  
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[13] C

[51] **Int.Cl. 6G06F 9/40 6H04L 29/02**  
[25] EN  
[54] **APPARATUS AND METHOD FOR COMMUNICATING BETWEEN AN INTELLIGENT AGENT AND CLIENT COMPUTER PROCESS USING DISGUISED MESSAGES**  
[54] **APPAREIL ET PROCEDE POUR ETABLIR LA COMMUNICATION ENTRE UN AGENT INTELLIGENT ET UN PROCESSUS D'ORDINATEUR CLIENT AU MOYEN DE MESSAGES DEGUISES**  
[72] DELP, HELEN ROXLO, US  
[72] CRAGUN, BRIAN JOHN, US  
[72] BIGUS, JOSEPH PHILLIP, US  
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[85] 1999-07-08  
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[30] US (08/822,119) 1997-03-21

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[13] C

[51] **Int.Cl. 6B60L 3/12 6B60L 15/32**  
[25] EN  
[54] **TRAINLINE POLARITY DETECTOR WITH POWER SOURCE POLARITY SWITCHING**  
[54] **DETECTEUR DE POLARITE DE LA LIGNE ELECTRIQUE D'UN TRAIN AVEC FONCTION DE COMMUTATION DE LA POLARITE DE LA SOURCE DU COURANT**  
[72] LUMBIS, ANTHONY W., US  
[73] NEW YORK AIR BRAKE CORPORATION, US  
[85] 1999-08-27  
[86] 1998-04-14 (PCT/US98/07461)  
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[13] C

[51] **Int.Cl. 7A61H 7/00 7A47C 16/00**  
[25] EN  
[54] **PRESSURE POINT FOOT PAD**  
[54] **FOURCHETTE AUX POINTS DE PRESSION**  
[72] GORDON, SHARON E., CA  
[73] GORDON, SHARON E., CA  
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[13] C

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[25] EN  
[54] **IMPROVED METHOD AND APPARATUS FOR REDUCING FRICTION AND HEAT GENERATION BY AN ULTRASONIC DEVICE DURING SURGERY**  
[54] **PROCEDE ET APPAREIL AMELIORES POUR DIMINUER LA FRICTION ET LA PRODUCTION DE CHALEUR PAR UN DISPOSITIF DE CHIRURGIE UTILISANT LES ULTRASONS**  
[72] MACKOOL, RICHARD, US  
[73] MACKOOL, RICHARD, US  
[22] 1996-03-06  
[62] 2,214,566  
[30] US (08/400,802) 1995-03-08

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[11] **2,306,194**  
[13] C

[51] **Int.Cl. 6C12Q 1/68 6C07H 21/04 6C12P 19/34**  
[25] EN  
[54] **CHROMOSOME 9 AND PROGRESSIVE ROD-CONE DEGENERATION DISEASE GENETIC MARKERS AND ASSAYS**  
[54] **CHROMOSOME 9 ET MARQUEURS GENETIQUES DE LA DEGENERESCENCE PROGRESSIVE DES CONES ET DES BATONNETS, ET ANALYSES CORRESPONDANTES**  
[72] ACLAND, GREGORY, US  
[72] AGUIRRE, GUSTAVO, US  
[72] RAY, KUNAL, US  
[73] CORNELL RESEARCH FOUNDATION, INC., US  
[85] 2000-05-19  
[86] 1998-06-08 (PCT/US98/11961)  
[87] (WO99/02731)  
[30] US (08/891,463) 1997-07-10

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[11] **2,310,340**  
[13] C

[51] **Int.Cl. 7B23D 23/00**  
[25] EN  
[54] **MULTI-BLIND TRIM MACHINE**  
[54] **DECOUPEUSE DE MULTI-STORES**  
[72] MAROCCO, NORBERT, CA  
[73] SHADE-O-MATIC LIMITED, CA  
[22] 2000-05-31  
[30] US (09/361,032) 1999-07-23

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**Canadian Patents Issued  
May 29, 2001**

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[21] **2,287,525**  
[13] A1

[51] **Int.Cl. 6C12N 15/10 6C07H 21/00 6C12P 19/34 6C12N 15/66 6C12Q 1/68**  
[25] EN  
[54] **METHODS FOR PRODUCTION AND PURIFICATION OF NUCLEIC ACID MOLECULES**  
[54] **PROCEDE DE FABRICATION ET DE PURIFICATION DES MOLECULES DE L'ACIDE NUCLEIQUE**  
[72] GRUBER, CHRISTIAN E., US  
[72] JESSEE, JOEL A., US  
[71] LIFE TECHNOLOGIES, INC., US  
[22] 1999-11-12  
[43] 2001-05-12

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[21] **2,288,573**  
[13] A1

[51] **Int.Cl. 7H04M 11/06 7H04L 12/54**  
[25] EN  
[54] **TELEPHONE BASED ACCESS TO INSTANT MESSAGING**  
[54] **ACCES TELEPHONIQUE A UNE MESSAGERIE INSTANTANEE**  
[72] MYERS, JOHN C., CA  
[72] BRENNAN, PAUL M., CA  
[71] MYERS, JOHN C., CA  
[71] BRENNAN, PAUL M., CA  
[22] 1999-11-08  
[43] 2001-05-08

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[21] **2,288,614**  
[13] A1

[51] **Int.Cl. 7G06F 9/45**  
[25] EN  
[54] **LOOP ALLOCATION FOR OPTIMIZING COMPILERS**  
[54] **AFFECTATION DE BOUCLES POUR L'OPTIMISATION DE COMPILATEURS**  
[72] BLAINEY, ROBERT JAMES, CA  
[72] ARCHAMBAULT, ROCH GEORGES, CA  
[71] IBM CANADA LIMITED-IBM CANADA LIMITEE, CA  
[22] 1999-11-08  
[43] 2001-05-08

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[21] **2,288,568**  
[13] A1

[51] **Int.Cl. 7B65D 41/26**  
[25] EN  
[54] **DISPOSABLE ADHERING BEVERAGE CONTAINER COVER**  
[54] **COUVERCLE ADHERENT JETABLE POUR RECIPIENT A BOISSON**  
[72] BROWN, NORMA, US  
[71] BROWN, NORMA, US  
[22] 1999-11-08  
[43] 2001-05-08

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[21] **2,288,575**  
[13] A1

[51] **Int.Cl. 7B28D 1/22**  
[25] EN  
[54] **BLOCK SPLITTING DEVICE**  
[54] **FENDEUSE DE BLOCS**  
[72] STRAND, TODD P., US  
[72] BLOMQUIST, PETER J., US  
[71] STRAND, TODD P., US  
[71] BLOMQUIST, PETER J., US  
[22] 1999-11-08  
[43] 2001-05-08

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[21] **2,289,146**  
[13] A1

[51] **Int.Cl. 7E04F 21/16**  
[25] EN  
[54] **RADIUS SURFACE TROWEL**  
[54] **TRUELLE POUR SURFACES ARRONDIES**  
[72] CIMINISE, SALVATORE J., US  
[72] JURISHICA, LUANN M., US  
[71] CIMINISE, SALVATORE J., US  
[71] JURISHICA, LUANN M., US  
[22] 1999-11-08  
[43] 2001-05-08

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[21] **2,288,569**  
[13] A1

[51] **Int.Cl. 7A62B 33/00 7A62B 17/00 7A41D 13/002**  
[25] EN  
[54] **AVALANCHE AND HYPOTHERMIA PROTECTIVE SYSTEM**  
[54] **SYSTEME DE PROTECTION EN CAS D'AVALANCHE ET D'HYPOTHERMIE**  
[72] BROWN, NORMA, US  
[71] BROWN, NORMA, US  
[22] 1999-11-08  
[43] 2001-05-08

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[21] **2,288,605**  
[13] A1

[51] **Int.Cl. 7H01L 23/50**  
[25] EN  
[54] **COMPLIANT LEADS FOR AREA ARRAY SURFACE MOUNTED COMPONENTS**  
[54] **LIGNES DE CONNEXION SOUPLES POUR COMPOSANTS A RESEAUX MONTES EN SURFACE**  
[72] GUERIN, LUC, CA  
[72] COICO, PATRICK A., US  
[71] IBM CANADA LIMITED-IBM CANADA LIMITEE, CA  
[22] 1999-11-08  
[43] 2001-05-08

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[21] **2,289,151**  
[13] A1

[51] **Int.Cl. 7B65D 33/00**  
[25] EN  
[54] **WIDE OPENING LEAVES BAGGER**  
[54] **ENSACHEUSE DE FEUILLES A GRANDE OUVERTURE**  
[72] FAN, JIANHUA, US  
[71] FAN, JIANHUA, US  
[22] 1999-11-08  
[43] 2001-05-08

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[21] **2,289,168**  
[13] A1  
[51] **Int.Cl. 7A47L 25/00 7A47K 10/16**  
[25] EN  
[54] **CAN TOP CLEANING TOWLETTE**  
[54] **PETITE SERVIETTE HUMIDE DE NETTOYAGE POUR DESSUS DE CANETTE**  
[72] COOPER, BYRON W., US  
[71] COOPER, BYRON W., US  
[22] 1999-11-09  
[43] 2001-05-09

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[21] **2,289,184**  
[13] A1  
[51] **Int.Cl. 6A46B 15/00**  
[25] EN  
[54] **THE SUPERIOR TOOTH-BRUSH**  
[54] **BROSSE A DENTS «THE SUPERIOR TOOTH-BRUSH»**  
[72] BUJALSKI, WLODZIMIERZ, CA  
[71] BUJALSKI, WLODZIMIERZ, CA  
[22] 1999-11-09  
[43] 2001-05-09

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[21] **2,289,248**  
[13] A1  
[51] **Int.Cl. 7E04H 15/00**  
[25] EN  
[54] **PORTABLE TENT WITH ARCH-SHAPE**  
[54] **TENTE PORTATIVE EN ARCHE**  
[72] LIU, YUN-CHUN, KR  
[71] LIU, YUN-CHUN, TW  
[22] 1999-11-10  
[43] 2001-05-10

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[21] **2,289,267**  
[13] A1  
[51] **Int.Cl. 6F26B 25/04 6F26B 17/00 6F26B 17/30**  
[25] EN  
[54] **ROTARY DRYER**  
[54] **SECHOIR ROTATIF**  
[72] GOBEL, RICHARD J., US  
[71] FEDCO, L.L.C., US  
[22] 1999-11-10  
[43] 2001-05-10

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[21] **2,289,273**  
[13] A1  
[51] **Int.Cl. 7F21S 4/00 7A47G 33/00**  
[25] EN  
[54] **LIGHTING ASSEMBLY**  
[54] **LUMINAIRE**  
[72] DESROSIERS, REJEAN, CA  
[71] DESROSIERS, REJEAN, CA  
[22] 1999-11-10  
[43] 2001-05-10

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[21] **2,289,275**  
[13] A1  
[51] **Int.Cl. 7H04B 3/23 7H04M 3/18**  
[25] EN  
[54] **A SYSTEM AND METHOD FOR ECHO CANCELLATION**  
[54] **SYSTEME ET METHODE DE SUPPRESSION D'ECHO**  
[72] KUMAR, YATISH, CA  
[72] MCCLENNON, SCOTT, CA  
[71] CATENA TECHNOLOGIES CANADA, INC., CA  
[22] 1999-11-10  
[43] 2001-05-10

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[21] **2,289,278**  
[13] A1  
[51] **Int.Cl. 6E02F 3/96**  
[25] EN  
[54] **ROTATING PAWL TOOL LATCH**  
[54] **DISPOSITIF DE VERROUILLAGE ROTATIF A CLIQUET POUR OUTILS**  
[72] FLATAU, DONALD RODNEY, US  
[72] DOERING, DAVID ARTHUR, US  
[71] DEERE & COMPANY, US  
[22] 1999-11-10  
[43] 2001-05-09  
[30] US (P-101,453) 1999-11-09

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[21] **2,289,284**  
[13] A1  
[51] **Int.Cl. 7B60N 2/26 7A47D 1/00 7B62B 7/02**  
[25] EN  
[54] **A METHOD OF TRANSPORTING AN INFANT CAR SEAT AND AN INFANT CAR SEAT**  
[54] **SIEGE D'AUTO POUR BEBE, ET METHODE DE TRANSPORT**  
[72] VOS, TAMARA, CA  
[71] VOS, TAMARA, CA  
[22] 1999-11-10  
[43] 2001-05-10

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[21] **2,289,294**  
[13] A1  
[51] **Int.Cl. 7B65F 1/12 7B65G 67/06 7B65D 88/54**  
[25] EN  
[54] **METHOD AND APPARATUS FOR COLLECTING AND TRANSFERRING REFUSE**  
[54] **METHODE ET DISPOSITIF DE COLLECTE ET DE TRANFERT D'ORDURES**  
[72] MARTZ, ERLE FREDERICK, CA  
[71] MARTZ, ERLE FREDERICK, CA  
[22] 1999-11-10  
[43] 2001-05-10

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[21] **2,289,297**  
[13] A1  
[51] **Int.Cl. 7B65H 49/04 7B65H 49/20**  
[25] EN  
[54] **BUTCHER'S CORD HOLDER AND DISPENSER**  
[54] **SUPPORT ET DISTRIBUTEUR DE FICELLE POUR BOUCHER**  
[72] PASKAL, TOM, CA  
[71] PASKAL, TOM, CA  
[22] 1999-11-10  
[43] 2001-05-10

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[21] **2,289,298**  
[13] A1  
[51] **Int.Cl. 7A61F 5/058 7A61F 5/10**  
[25] EN  
[54] **DIGIT SPLINT DEVICE AND METHOD OF USE**  
[54] **ATTELLE DIGITALE ET METHODE D'UTILISATION CONNEXE**  
[72] BELKIN, JULIE, US  
[71] BELKIN, JULIE, US  
[22] 1999-11-10  
[43] 2001-05-10

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[21] **2,289,299**  
[13] A1  
[51] **Int.Cl. 7B05C 17/025 7A45D 34/04**  
[25] EN  
[54] **CONTAINER WITH A DISPENSING PLUG STRUCTURE**  
[54] **CONTENANT AVEC STRUCTURE DISTRIBUTRICE A COUVERCLE**  
[72] WAN, PAO-YUAN, TW  
[71] WAN, PAO-YUAN, TW  
[22] 1999-11-10  
[43] 2001-05-10

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[21] **2,289,301**  
[13] A1

[51] **Int.Cl. 7E21B 1/02 7E21B 7/00**  
[25] EN  
[54] **CASING HAMMER ASSEMBLY FOR CABLE TOOL DRILLING APPARATUS**  
[54] **PILON DE TUBAGE POUR DISPOSITIF D'OUTILLAGE DE FORAGE AU CABLE**  
[72] ANDERSON, VAUGHN J., CA  
[72] ANDERSON, KENNETH W. J., CA  
[71] ANDERSON, VAUGHN J., CA  
[71] ANDERSON, KENNETH W. J., CA  
[22] 1999-11-10  
[43] 2001-05-10

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[21] **2,289,305**  
[13] A1

[51] **Int.Cl. 7C11D 17/02 7C11D 7/12 7C11D 7/26 7C11D 7/32**  
[25] EN  
[54] **DETERGENT SHAPED BODY WITH ENHANCED DISSOLVING PROPERTIES**  
[54] **DETERGENT SOUS FORME SOLIDE AYANT DE MEILLEURES PROPRIETES DE DISSOLUTION**  
[72] SCHAMBIL, FRED, DE  
[72] BLASEY, GERHARD, DE  
[72] KRUSE, HANS-FRIEDRICH, DE  
[72] WITT, SANDRA, DE  
[72] BLOCK, CHRISTIAN, DE  
[71] HENKEL  
KOMMANDITGESELLSCHAFT AUF AKTIEN, DE  
[22] 1999-11-10  
[43] 2001-05-10

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[21] **2,289,307**  
[13] A1

[51] **Int.Cl. 6B60D 1/36**  
[25] EN  
[54] **QUICK-ENGAGING TRAILER HITCH**  
[54] **ATTELAGE DE REMORQUE A ENCLenchement RAPIDE**  
[72] BRANDT, MERV, CA  
[71] BRANDT, MERV, CA  
[22] 1999-11-09  
[43] 2001-05-09

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[21] **2,289,313**  
[13] A1

[51] **Int.Cl. 7B32B 27/12**  
[25] EN  
[54] **LAUNDERABLE, LEAK-PROOF, BREATHABLE FABRIC**  
[54] **TISSU A BLANCHIR ETANCHE IMPER-RESPIRANT**  
[72] FILTEAU, MARTIN, CA  
[72] SHAO, YUN, CA  
[72] NANTEL, RENE, CA  
[71] TRI-SIS INC., CA  
[22] 1999-11-10  
[43] 2001-05-10

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[21] **2,289,315**  
[13] A1

[51] **Int.Cl. 7A01N 59/04 7A61K 33/00**  
[25] EN  
[54] **COMPOSITIONS EXPRESSING A PRESSURE OF CARBON DIOXIDE FOR IMPROVED HEALING OF WOUNDS**  
[54] **COMPOSITIONS ASSURANT UNE PRESSION DE DIOXYDE DE CARBONE POUR AMELIORER LA GUERISON DE PLAIES**  
[72] WINDGASSEN, RICHARD, US  
[72] SWENSON, RUSSELL H., US  
[71] WINDGASSEN, RICHARD, US  
[71] SWENSON, RUSSELL H., US  
[22] 1999-11-10  
[43] 2001-05-10  
[30] US (09/192,021) 1999-11-13

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[21] **2,289,343**  
[13] A1

[51] **Int.Cl. 6F04B 49/06 6F04B 17/05**  
[25] EN  
[54] **APPARATUS AND METHOD OF PROTECTING A WATER PUMP DRIVEN BY A COMBUSTION ENGINE FROM HIGH SPEED DAMAGE**  
[54] **APPAREIL ET METHODE DE PROTECTION D'UNE POMPE A EAU ENTRAINEE PAR UN MOTEUR A COMBUSTION CONTRE LES DOMMAGES PAR SURVITESSE**  
[72] BORKOWSKI, ANDRZEJ, DE  
[71] MERCEDES TEXTILES LIMITED, CA  
[22] 1999-11-09  
[43] 2001-05-09

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[21] **2,289,346**  
[13] A1

[51] **Int.Cl. 7G05B 19/418 7G05B 23/02**  
[25] EN  
[54] **ASSEMBLY AND TESTING TRACKING SYSTEM**  
[54] **SYSTEME DE PISTAGE POUR MONTAGE ET ESSAIS**  
[72] DEMERS, STÉPHANE, CA  
[72] ALLARD, JEAN-YVES, CA  
[72] ROCHEFORT, FRANÇOIS, CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 1999-11-09  
[43] 2001-05-09

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[21] **2,289,358**  
[13] A1

[51] **Int.Cl. 7C02F 1/461 7C02F 5/00**  
[25] EN  
[54] **WATER TREATMENT APPARATUS REDUCING HARD WATER DEPOSITS IN A CONDUIT**  
[54] **APPAREIL DE TRAITEMENT DE L'EAU DANS UN CONDUIT PERMETTANT DE REDUIRE LES DEPOTS DUS A L'EAU DURE**  
[72] EVERTS, C. LYNN, US  
[71] EVERTS, C. LYNN, US  
[22] 1999-11-12  
[43] 2001-05-12

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[21] **2,289,366**  
[13] A1

[51] **Int.Cl. 7F21V 33/00 7B24B 1/00**  
[25] EN  
[54] **PROTECTIVE COVER PROVIDED WITH MEANS FOR LIGHTING**  
[54] **COUVERCLE PROTECTEUR AVEC DISPOSITIF D'ECLAIRAGE**  
[72] LIN, JUNG-HUA, TW  
[71] LIN, JUNG-HUA, TW  
[22] 1999-11-12  
[43] 2001-05-12

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[21] **2,289,370**  
[13] A1

[51] **Int.Cl. 6A01L 15/00 6A01K 13/00**  
[25] EN  
[54] **HORSE LEG AND HOOF CLEANING TOOL**  
[54] **OUTIL DE NETTOYAGE DE PATTES ET DE SABOTS DE CHEVAL**  
[72] KENNEY, VAUGHN G., CA  
[71] KENNEY, VAUGHN G., CA  
[22] 1999-11-12  
[43] 2001-05-12  
[30] US (09/192,105) 1999-11-13



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[21] **2,289,381**  
[13] A1  
[51] **Int.Cl. 6A01D 59/02 6A01F 25/00  
6A01F 15/14 6B65B 1/24**  
[25] EN  
[54] **METHOD AND APPARATUS FOR  
BRAKING AN AGRICULTURAL FEED  
BAGGER**  
[54] **METHODE ET DISPOSITIF DE  
FREINAGE D'ENSACHEUR  
AGRICOLE**  
[72] CAMERON, DANIEL ALEXANDER,  
CA  
[72] PEDERSEN, FRED PHILIP GEORGE,  
CA  
[71] CAMERON, DANIEL ALEXANDER,  
CA  
[71] PEDERSEN, FRED PHILIP GEORGE,  
CA  
[22] 1999-11-10  
[43] 2001-05-10

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[21] **2,289,383**  
[13] A1  
[51] **Int.Cl. 7H04M 3/22 7H04M 7/00**  
[25] EN  
[54] **A SYSTEM AND METHOD FOR  
DETECTING AN OFF-HOOK  
CONDITION**  
[54] **SYSTEME ET METHODE DE  
DETECTION D'UNE CONDITION DE  
DECROCHAGE**  
[72] MARLIN, DON, CA  
[72] BIJMAN, MARTIN, CA  
[71] CATENA TECHNOLOGIES  
CANADA, INC., CA  
[22] 1999-11-12  
[43] 2001-05-12

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[21] **2,289,386**  
[13] A1  
[51] **Int.Cl. 7B26D 3/16**  
[25] EN  
[54] **TUBE CUTTING DEVICE**  
[54] **COUPE-TUBE**  
[72] LUPKE, STEFAN A., CA  
[72] LUPKE, MANFRED A.A., CA  
[71] LUPKE, STEFAN A., CA  
[71] LUPKE, MANFRED A.A., CA  
[22] 1999-11-12  
[43] 2001-05-12

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[21] **2,289,387**  
[13] A1  
[51] **Int.Cl. 7H01F 27/02**  
[25] EN  
[54] **UNIVERSAL TRANSFORMER  
TANK FOR POLE-MOUNTED  
DISTRIBUTION TRANSFORMERS**  
[54] **BOITIER UNIVERSEL POUR  
TRANSFORMATEUR ELECTRIQUE  
SUR POTEAU**  
[72] RANCOURT, PIER-ANDRÉ, CA  
[72] TREMBLAY, ALAIN, CA  
[71] ASEA BROWN BOVERI INC., CA  
[22] 1999-11-12  
[43] 2001-05-12

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[21] **2,289,390**  
[13] A1  
[51] **Int.Cl. 7H01R 33/46 7H01R 33/22**  
[25] EN  
[54] **BULB SOCKET ADAPTOR**  
[54] **ADAPTATEUR DE DOUILLE DE  
LAMPE**  
[72] AL-TURKI, ALI, KW  
[71] AL-TURKI, ALI, KW  
[22] 1999-11-12  
[43] 2001-05-12

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[21] **2,289,395**  
[13] A1  
[51] **Int.Cl. 7H04L 12/16**  
[25] EN  
[54] **PROCUREMENT AND  
SETTLEMENT SYSTEM AND METHOD**  
[54] **SYSTEME ET METHODE  
D'ACQUISITION ET DE PAIEMENT**  
[72] GENDRON, GEORGE, CA  
[72] LÉVEILLÉ, SYLVIE, CA  
[71] GENDRON, GEORGE, CA  
[71] LÉVEILLÉ, SYLVIE, CA  
[22] 1999-11-12  
[43] 2001-05-12

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[21] **2,289,397**  
[13] A1  
[51] **Int.Cl. 7H04M 3/22**  
[25] EN  
[54] **A LOW INSERTION LOSS  
CURRENT SENSE CIRCUIT FOR LINE  
CARDS**  
[54] **CIRCUIT DE DETECTION DE  
COURANT A FAIBLE PERTE  
D'INSERTION POUR CARTES DE  
LIGNE**  
[72] KWAN, JONATHAN, CA  
[71] CATENA TECHNOLOGIES  
CANADA, INC., CA  
[22] 1999-11-12  
[43] 2001-05-12

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[21] **2,289,404**  
[13] A1  
[51] **Int.Cl. 7G06F 11/36**  
[25] EN  
[54] **PRAGMAS FOR MULTIPLE  
COMPUTER LANGUAGE DEBUGGING**  
[54] **PRAGMAS POUR LE DEBOGAGE  
DE MULTIPLES LANGAGES  
INFORMATIQUES**  
[72] RYMAN, ARTHUR G., CA  
[72] FARN, BRIAN, CA  
[71] IBM CANADA LIMITED-IBM  
CANADA LIMITEE, CA  
[22] 1999-11-12  
[43] 2001-05-12

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[21] **2,289,430**  
[13] A1  
[51] **Int.Cl. 7B62D 55/088**  
[25] EN  
[54] **ENDLESS TRACK WITH DEBRIS  
EVACUATION SIDE OUTLETS**  
[54] **CHENILLE AVEC SORTIES  
LATERALES D'EVACUATION DES  
DEBRIS**  
[72] DELAND, ANDRÉ, CA  
[71] DELAND, ANDRÉ, CA  
[22] 1999-11-12  
[43] 2001-05-12

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[21] **2,289,431**  
[13] A1

[51] **Int.Cl. 7A61F 5/00**  
[25] EN  
[54] **WRISTBAND FOR THE USE IN TREATMENT OF CARPAL TUNNEL SYNDROME**  
[54] **POIGNET A UTILISER DANS LE TRAITEMENT DU SYNDROME DU CANAL CARPIEN**  
[72] WEINBERG, KEN, CA  
[71] WEINBERG, KEN, CA  
[22] 1999-11-12  
[43] 2001-05-12

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[21] **2,289,844**  
[13] A1

[51] **Int.Cl. 6B62B 5/04**  
[25] EN  
[54] **BRAKE ASSEMBLY FOR CART**  
[54] **GROUPE DE FREINAGE POUR CHARIOT**  
[72] CHONG, CARLTON, CA  
[72] NEWMAN, DUNCAN, CA  
[72] TREADWELL, SIMON C.L., CA  
[71] GIDSEN INCORPORATED, CA  
[22] 1999-11-12  
[43] 2001-05-12

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[21] **2,289,871**  
[13] A1

[51] **Int.Cl. 7A61B 17/00**  
[25] EN  
[54] **SURGICAL DEFLECTOR TOOL**  
[54] **OUTIL DEFLECTEUR CHIRURGICAL**  
[72] CARTIER, RAYMOND, CA  
[72] PAOLITTO, ANTHONY, CA  
[72] VALENTINI, VALERIO, CA  
[71] CARTIER, RAYMOND, CA  
[71] PAOLITTO, ANTHONY, CA  
[71] VALENTINI, VALERIO, CA  
[22] 1999-11-08  
[43] 2001-05-08

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[21] **2,289,991**  
[13] A1

[51] **Int.Cl. 7A01G 9/24 7A01G 9/18**  
[25] EN  
[54] **INTEGRATED POWER GENERATION PLANT AND GREENHOUSE**  
[54] **CENTRALE ELECTRIQUE ET SERRE INTEGREES**  
[72] SUNATORI, GO SIMON, CA  
[71] SUNATORI, GO SIMON, CA  
[22] 1999-11-12  
[43] 2001-05-12

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[21] **2,289,996**  
[13] A1

[51] **Int.Cl. 6A47G 1/17**  
[25] EN  
[54] **MAGNETIC WALL DECORATION DEVICE**  
[54] **DISPOSITIF DE DECORATION MURALE MAGNETIQUE**  
[72] SUNATORI, GO SIMON, CA  
[71] SUNATORI, GO SIMON, CA  
[22] 1999-11-12  
[43] 2001-05-12

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[21] **2,289,999**  
[13] A1

[51] **Int.Cl. 7G03H 1/04**  
[25] EN  
[54] **HOLOGRAPHIC STATUE PROJECTION DEVICE**  
[54] **DISPOSITIF DE PROJECTION D'HOLOGRAMMES DE STATUES**  
[72] SUNATORI, GO SIMON, CA  
[71] SUNATORI, GO SIMON, CA  
[22] 1999-11-12  
[43] 2001-05-12

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[21] **2,290,111**  
[13] A1

[51] **Int.Cl. 7A47L 25/00 7B08B 9/00 7B08B 1/04**  
[25] FR  
[54] **BOULE NETTOYANTE POUR SOURIS D'ORDINATEUR**  
[54] **CLEANING BALL FOR COMPUTER MOUSE**  
[72] THIFFAULT, JEAN, CA  
[72] LABRECQUE, ALAIN, CA  
[71] THIFFAULT, JEAN, CA  
[71] LABRECQUE, ALAIN, CA  
[22] 1999-11-12  
[43] 2001-05-12

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[21] **2,290,156**  
[13] A1

[51] **Int.Cl. 6B62B 1/10 6B63C 13/00 6B60P 3/10**  
[25] EN  
[54] **SPORTS CADDY**  
[54] **CHARIOT DE SPORT**  
[72] BUCK, GORDON OLIVER, CA  
[71] BUCK, GORDON OLIVER, CA  
[22] 1999-11-10  
[43] 2001-05-10

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[21] **2,290,158**  
[13] A1

[51] **Int.Cl. 7G09F 3/10**  
[25] EN  
[54] **IDENTIFICATION MARKING KIT AND METHOD OF USE**  
[54] **TROUSSE D'IDENTIFICATION PAR MARQUAGE, ET METHODE D'UTILISATION**  
[72] WYSSEN, HANS, CA  
[71] WYSSEN, HANS, CA  
[22] 1999-11-12  
[43] 2001-05-12

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[21] **2,290,907**  
[13] A1

[51] **Int.Cl. 7H02M 7/12 7H02M 5/44**  
[25] EN  
[54] **INEXPENSIVE ELECTRONIC TRANSFORMER**  
[54] **TRANSFORMATEUR ELECTRONIQUE PEU COUTEUX**  
[72] MESZLENYI, IVAN, CA  
[71] MESZLENYI, IVAN, CA  
[22] 1999-11-09  
[43] 2001-05-09

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[21] **2,290,908**  
[13] A1

[51] **Int.Cl. 7G06F 12/14**  
[25] EN  
[54] **METHOD AND SOFTWARE FOR PROTECTING COMPUTER DATA**  
[54] **PROCEDE ET LOGICIEL POUR PROTEGER DES DONNEES D'ORDINATEURS**  
[72] IGWE, GODWILL M., CA  
[71] IGWE, GODWILL M., CA  
[22] 1999-11-06  
[43] 2001-05-06

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May 6, 2001 - May 12, 2001

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[21] **2,290,930**  
[13] A1  
[51] **Int.Cl. 7A47J 36/00**  
[25] FR  
[54] **AGITATEUR DE METS EN CUISSON**  
[54] **COOKING MEAL STIRRER**  
[72] BISHOP, CHRISTINE, CA  
[72] BISHOP, BRIGITTE, CA  
[72] BISHOP, NATHALIE, CA  
[72] BISHOP, GILBERT, CA  
[72] BISHOP, STEVE, CA  
[71] BISHOP, CHRISTINE, CA  
[71] BISHOP, BRIGITTE, CA  
[71] BISHOP, NATHALIE, CA  
[71] BISHOP, GILBERT, CA  
[71] BISHOP, STEVE, CA  
[22] 1999-11-10  
[43] 2001-05-10

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[21] **2,291,396**  
[13] A1  
[51] **Int.Cl. 7G05B 19/418 7G06F 17/40**  
[25] EN  
[54] **ASSEMBLY AND TESTING TRACKING SYSTEM**  
[54] **SYSTEME DE SUIVI D'ASSEMBLAGE ET D'ESSAI**  
[72] DEMERS, STÉPHANE, CA  
[72] ALLARD, JEAN-YVES, CA  
[72] ROCHEFORT, FRANÇOIS, CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 1999-12-02  
[43] 2001-05-09  
[30] CA (2,289,346) 1999-11-09

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[21] **2,291,904**  
[13] A1  
[51] **Int.Cl. 7E04B 2/72**  
[25] EN  
[54] **SEISMIC AND FIRE RESISTANT SLOTTED SHAFT WALL STUD**  
[54] **POTEAU RAINURE DE PAROI DE PUIIS RESISTANT AUX SEISMIES ET AU FEU**  
[72] HERREN, THOMAS R., US  
[71] HERREN, THOMAS R., US  
[22] 1999-12-08  
[43] 2001-05-09  
[30] US (09/436,527) 1999-11-09

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[21] **2,292,456**  
[13] A1  
[51] **Int.Cl. 7F03D 11/00 7F03D 1/02 7F03D 1/04**  
[25] EN  
[54] **WIND POWER DEVICE**  
[54] **DISPOSITIF A ENERGIE EOLIENNE**  
[72] HOSODA, NAOYOSHI, JP  
[71] HOSODA, NAOYOSHI, JP  
[22] 1999-12-16  
[43] 2001-05-11  
[30] JP (11-321281) 1999-11-11

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[21] **2,293,768**  
[13] A1  
[51] **Int.Cl. 7H04M 3/42 7H04M 11/00**  
[25] EN  
[54] **CONNECTION SYSTEM FOR CLIENTS REQUIRING SERVICE**  
[54] **SYSTEME DE CONNEXION POUR DES CLIENTS AYANT BESOIN DE SERVICE**  
[72] MIZRAHI, UZI, IL  
[71] MIZRAHI, UZI, IL  
[22] 1999-12-23  
[43] 2001-05-07  
[30] IL (132263) 1999-11-07

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[21] **2,294,689**  
[13] A1  
[51] **Int.Cl. 7B65G 65/40 7A01G 13/02 7B65G 53/08**  
[25] EN  
[54] **BARK DUST UNLOADING SYSTEM**  
[54] **SYSTEME DE DECHARGEMENT DE POUSSIERE D'ECORCE**  
[72] JONES, DUDLEY W., US  
[71] JONES, DUDLEY W., US  
[22] 2000-01-11  
[43] 2001-05-11  
[30] US (09/438,472) 1999-11-11

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[21] **2,296,624**  
[13] A1  
[51] **Int.Cl. 7B23B 45/00**  
[25] EN  
[54] **LOW PROFILE MAGNETIC BASE DRILL**  
[54] **PERCEUSE BASSE A BASE MAGNETIQUE**  
[72] BRIGGS, EDWARD L., US  
[72] STRANGE, ROBERT E., US  
[72] MCKAY, WILLIAM C., US  
[72] FANGMANN, MICHAEL D., US  
[71] JANCY ENGINEERING COMPANY, US  
[22] 2000-01-20  
[43] 2001-05-12  
[30] US (09/438,620) 1999-11-12

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[21] **2,305,009**  
[13] A1  
[51] **Int.Cl. 7F15B 13/044 7B60K 23/00 7F15B 21/02 7F15B 21/10 7F16H 61/38**  
[25] EN  
[54] **LOW SPEED RETURN**  
[54] **RENOVI A BASSE VITESSE**  
[72] MALONE, JOHNATHAN E., US  
[71] DEERE & COMPANY, US  
[22] 2000-04-12  
[43] 2001-05-10  
[30] US (09/437,613) 1999-11-10

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[21] **2,306,602**  
[13] A1  
[51] **Int.Cl. 7F16H 7/10 7F02B 67/06**  
[25] EN  
[54] **MOUNTING BRACKET ASSEMBLY**  
[54] **SUPPORT DE MONTAGE**  
[72] HANKINS, LYNN, US  
[72] TUFFLY, FRED, US  
[71] U-HAUL INTERNATIONAL, INC., US  
[22] 2000-04-25  
[43] 2001-05-09  
[30] US (09/437,907) 1999-11-09

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[21] **2,307,910**  
[13] A1  
[51] **Int.Cl. 7B65B 39/00**  
[25] EN  
[54] **PACKAGING APPARATUS**  
[54] **CONDITIONNEUSE**  
[72] HANSFORD, BRIAN KEITH, GB  
[72] ELLIS, MICHAEL WILLIAM, GB  
[72] GARWOOD, RONALD GEORGE, GB  
[71] ELECTRO-MEC (READING) LTD, GB  
[22] 2000-05-09  
[43] 2001-05-10  
[30] DE (29919756.5) 1999-11-10

**Demandes canadiennes mises à la disponibilité du public**  
**6 mai 2001 - 12 mai 2001**

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[21] **2,308,737**  
[13] A1

[51] **Int.Cl. 7C25D 13/00**  
[25] EN  
[54] **ELECTRO DEPOSITION PAINTING SYSTEMS AND METHODS**  
[54] **SYSTEMES ET METHODES DE PEINTURE PAR ELECTRODEPOSITION**  
[72] INOUE, AKITO, JP  
[71] POLYTECHS, INC., JP  
[22] 2000-05-16  
[43] 2001-05-12  
[30] WO (PCT/US99/26863) 1999-11-12

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[21] **2,309,422**  
[13] A1

[51] **Int.Cl. 7C09K 3/00 7C01B 17/05**  
[25] EN  
[54] **HYDROGEN SULFIDE REMOVAL PROCESS**  
[54] **PROCEDE POUR L'ELIMINATION DU SULFURE D'HYDROGENE**  
[72] MEFFE, SILVANO, CA  
[72] ELLENOR, DAVID T.R., CA  
[72] SMITH, JAMES W., CA  
[72] WALTON, PETER S., CA  
[71] APOLLO ENVIRONMENTAL SYSTEMS CORP., CA  
[22] 2000-05-25  
[43] 2001-05-12  
[30] US (09/439,500) 1999-11-12

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[21] **2,310,395**  
[13] A1

[51] **Int.Cl. 7A01F 15/14**  
[25] EN  
[54] **LARGE ROUND BALER NET WRAPPING APPARATUS HAVING NET ROLL PRESSURE ARM SERVING ALSO AS A LOADING PLATFORM**  
[54] **APPAREIL D'EMBALLAGE AVEC FILET POUR GROSSES PRESSES A BALLEES CYLINDRIQUES COMPRENANT UN BRAS DE PRESSION POUR LE ROULEAU DE FILET SERVANT EGALEMENT DE PLATE-FORME DE CHARGEMENT**  
[72] PAZ, ZVI, IL  
[72] MASS, NISSIM, IL  
[72] PHILLIPS, KENNETH CRAIG, US  
[72] VIAUD, JEAN, FR  
[72] ANSTEY, HENRY DENNIS, US  
[72] LIEBER, YUVAL, IL  
[71] DEERE & COMPANY, US  
[22] 2000-06-01  
[43] 2001-05-12  
[30] US (09/439,935) 1999-11-12

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[21] **2,310,803**  
[13] A1

[51] **Int.Cl. 7B60N 2/20 7B60N 2/22**  
[25] EN  
[54] **SEAT RECLINING SYSTEM**  
[54] **SYSTEME D'INCLINAISON DE SIEGE**  
[72] NAGASAWA, YOUICHI, JP  
[72] MATSUMOTO, TADASHI, JP  
[71] TACHI-S CO., LTD., JP  
[71] FUJI KIKO CO., LTD., JP  
[22] 2000-06-07  
[43] 2001-05-10  
[30] JP (11-319083) 1999-11-10

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[21] **2,311,828**  
[13] A1

[51] **Int.Cl. 7F24C 7/02 7F24C 15/20**  
[25] EN  
[54] **WALL MOUNTED MICROWAVE OVEN**  
[54] **FOUR A MICRO-ONDES MURAL**  
[72] KIM, SUN-KI, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[22] 2000-06-16  
[43] 2001-05-09  
[30] KR (1999-49519) 1999-11-09

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[21] **2,311,838**  
[13] A1

[51] **Int.Cl. 7A01F 15/10 7A01D 89/00**  
[25] EN  
[54] **CROP PICK-UP HAVING CROP LIFTERS INCORPORATED IN CENTERING AUGER**  
[54] **RAMASSEUSE-CHARGEUSE DE RECOLTE COMPRENANT DES SOULEVEUSES INTEGREES A LA VIS SANS FIN DE CENTRAGE**  
[72] ENGEL, MANFRED, US  
[72] ANSTEY, HENRY DENNIS, US  
[71] DEERE & COMPANY, US  
[22] 2000-06-16  
[43] 2001-05-08  
[30] US (09/436,329) 1999-11-08

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[51] **Int.Cl. 7A01D 33/08 7A01B 29/04 7A01D 33/04 7A01D 17/06**  
[25] EN  
[54] **FINGER ROLLER FOR AGRICULTURAL IMPLEMENTS**  
[54] **ROULEAU A DOIGTS POUR MACHINERIE AGRICOLE**  
[72] JAGER, SEBASTIAN, DE  
[72] PAULSON, WILLIAM WALTER JR., US  
[71] ARTEMIS KAUTSCHUK- UND KUNSTSTOFFTECHNIK GMBH & CIE, DE  
[22] 2000-06-23  
[43] 2001-05-12  
[30] US (09/439,703) 1999-11-12

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[21] **2,312,174**  
[13] A1

[51] **Int.Cl. 7B65G 53/40 7A01G 13/02 7B65G 67/24 7B65G 65/40**  
[25] EN  
[54] **BARK DUST UNLOADING SYSTEM**  
[54] **SYSTEME DE DECHARGEMENT DE POUSSIERE D'ECORCE**  
[72] JONES, DUDLEY W., US  
[71] JONES, DUDLEY W., US  
[22] 2000-07-05  
[43] 2001-05-11  
[30] US (09/438,472) 1999-11-11  
[30] US (09/543,132) 2000-04-05

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[21] **2,313,395**  
[13] A1

[51] **Int.Cl. 7C09J 7/02 7A61F 13/512**  
[25] EN  
[54] **NONWOVEN MATERIAL COMPRISING AN ADHESIVE AND APERTURES**  
[54] **NON-TISSE COMPRENANT UN ADHESIF ET DES OUVERTURES**  
[72] LASKO, VINCENT P., US  
[71] MCNEIL-PPC, INC., US  
[22] 2000-07-11  
[43] 2001-05-09  
[30] US (09/436,603) 1999-11-09

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[21] **2,313,711**  
[13] A1

[51] **Int.Cl. 7C09J 7/02 7A61F 13/512**  
[25] EN  
[54] **NONWOVEN MATERIAL COMPRISING AN ADHESIVE AND APERTURES**  
[54] **NON-TISSE COMPRENANT UN ADHESIF ET DES OUVERTURES**  
[72] LASKO, VINCENT P., US  
[71] MCNEIL-PPC, INC., US  
[22] 2000-07-11  
[43] 2001-05-09  
[30] US (09/436,603) 1999-11-09

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Canadian Laid-Open Applications  
May 6, 2001 - May 12, 2001

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[21] **2,314,644**  
[13] A1  
[51] **Int.Cl. 7A61F 9/02**  
[25] EN  
[54] **SWIMMING GOGGLES FOR SWIMMING POOL PURPOSES**  
[54] **LUNETTES DE NATATION POUR PISCINE**  
[72] CHIANG, HERMAN, TW  
[71] CHIANG, HERMAN, TW  
[22] 2000-07-26  
[43] 2001-05-08  
[30] CN (99253594.8) 1999-11-08

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[21] **2,314,769**  
[13] A1  
[51] **Int.Cl. 7F23L 1/00 7F24H 1/00**  
[25] EN  
[54] **COMBUSTION AIR INTAKE APPARATUS FOR FUEL-FIRED, DIRECT VENT HEATING APPLIANCE**  
[54] **ENTREE D'AIR DE COMBUSTION POUR APPAREIL DE CHAUFFAGE A COMBUSTIBLE A VENTILATION DIRECTE**  
[72] ELGOWAINY, AMGAD A., US  
[72] SCANLON, JOHN H., US  
[71] RHEEM MANUFACTURING COMPANY, US  
[22] 2000-07-28  
[43] 2001-05-12  
[30] US (09/439,726) 1999-11-12

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[21] **2,315,283**  
[13] A1  
[51] **Int.Cl. 7B05C 17/02**  
[25] EN  
[54] **METHOD OF MAKING A PAINT ROLLER WITH NON-PLASTIC BASE MATERIAL**  
[54] **METHODE DE FABRICATION DE ROULEAUX A PEINTURE AVEC UN MATERIAU DE BASE NON EN PLASTIQUE**  
[72] RIPSTEIN, JORGE, MX  
[71] RIPSTEIN, JORGE, MX  
[22] 2000-08-04  
[43] 2001-05-12  
[30] US (09/439,710) 1999-11-12

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[21] **2,316,423**  
[13] A1  
[51] **Int.Cl. 7B65D 6/18**  
[25] EN  
[54] **FOLDING CONTAINER**  
[54] **CONTENEUR REPLIABLE**  
[72] YAMAUCHI, HISATOSHI, JP  
[72] MOURI, HITOSHI, JP  
[71] SANKO CO., LTD., JP  
[22] 2000-08-18  
[43] 2001-05-09  
[30] JP (11-317865) 1999-11-09

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[21] **2,316,542**  
[13] A1  
[51] **Int.Cl. 7B60B 11/02 7B60B 27/00**  
[25] EN  
[54] **TWO-PIECE HUB EXTENSION**  
[54] **RALLONGE DE MOYEU A DEUX PIECES**  
[72] RADKE, GREGORY DEAN, US  
[71] DEERE & COMPANY, US  
[22] 2000-08-15  
[43] 2001-05-09  
[30] US (09/437,190) 1999-11-09

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[21] **2,316,578**  
[13] A1  
[51] **Int.Cl. 7F16B 37/04**  
[25] EN  
[54] **METAL FASTENING MEMBER AND OUTER CASING MEMBER FOR A BULLET**  
[54] **ELEMENT DE FIXATION METALLIQUE ET DOUILLE DE BALLE**  
[72] NAGAYAMA, YUTAKA, JP  
[71] NAGAYAMA ELECTRONIC INDUSTRY CO., LTD., JP  
[22] 2000-08-23  
[43] 2001-05-10  
[30] JP (11-320178) 1999-11-10  
[30] JP (2000-20689) 2000-01-28

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[21] **2,316,615**  
[13] A1  
[51] **Int.Cl. 7G01S 5/14**  
[25] EN  
[54] **VEHICLE LOCATION SYSTEM**  
[54] **SYSTEME DE LOCALISATION DE VEHICULE**  
[72] HILDEBRANT, DAVID M., US  
[71] HILDEBRANT, DAVID M., US  
[22] 2000-08-22  
[43] 2001-05-12  
[30] US (60/165,025) 1999-11-12  
[30] US (09/596,301) 2000-06-17

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[21] **2,316,642**  
[13] A1  
[51] **Int.Cl. 7H04L 1/00 7H04L 29/02**  
[25] EN  
[54] **DETECTION OF PREVIOUS SECTION FAIL FOR A TRANSPARENT TRIBUTARY**  
[54] **DETECTION DE DEFAILLANCE DE SECTION ANTERIEURE POUR UN AFFLUENT TRANSPARENT**  
[72] ROBERTS, KIM B., CA  
[72] HABEL, RICHARD R., CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 2000-08-25  
[43] 2001-05-12  
[30] US (09/438,516) 1999-11-12

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[21] **2,317,822**  
[13] A1  
[51] **Int.Cl. 7G06F 3/14 7G02B 27/18**  
[25] EN  
[54] **INFORMATION PROCESSING MINIATURE DEVICES WITH EMBEDDED PROJECTORS**  
[54] **DISPOSITIFS MINIATURES DE TRAITEMENT DE L'INFORMATION AVEC PROJECTEURS INCORPORES**  
[72] KANEVSKY, DIMITRI, US  
[72] DOANY, FUAD, US  
[72] ZLATSIN, ALEXANDER, US  
[72] PICKOVER, CLIFFORD A., US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 2000-09-07  
[43] 2001-05-12  
[30] US (09/438,633) 1999-11-12

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[21] **2,317,844**  
[13] A1  
[51] **Int.Cl. 7B60N 2/36**  
[25] EN  
[54] **VEHICLE SEAT ASSEMBLY**  
[54] **SIEGE DE VEHICULE**  
[72] COUASNON, CHRISTIAN, US  
[71] BERTRAND FAURE COMPONENTS LTD., CA  
[22] 2000-09-07  
[43] 2001-05-12  
[30] US (60/164,746) 1999-11-12

**Demandes canadiennes mises à la disponibilité du public**  
**6 mai 2001 - 12 mai 2001**

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[21] **2,317,992**  
[13] A1

[51] **Int.Cl. 7C01B 3/32 7H01M 8/06**  
[25] EN  
[54] **DOWN-SIZED WATER-GAS-SHIFT REACTOR**  
[54] **REACTEUR DE CONVERSION A LA VAPEUR D'EAU DE TAILLE REDUITE**  
[72] YU, TAICHIANG P., US  
[71] GENERAL MOTORS CORPORATION, US  
[22] 2000-09-12  
[43] 2001-05-08  
[30] US (09/435,672) 1999-11-08

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[21] **2,318,629**  
[13] A1

[51] **Int.Cl. 7H02J 11/00 7H01M 8/04 7H02M 3/24**  
[25] EN  
[54] **DC/DC CONVERTER FOR A FUEL CELL PROVIDING BOTH A PRIMARY AND AUXILIARY OUTPUT VOLTAGE**  
[54] **CONVERTISSEUR C.C./C.C. POUR UNE PILE A COMBUSTIBLE FOURNISSANT UNE TENSION DE SORTIE PRIMAIRE ET UNE TENSION DE SORTIE AUXILIAIRE**  
[72] RAISER, STEPHEN W., DE  
[71] GENERAL MOTORS CORPORATION, US  
[22] 2000-09-12  
[43] 2001-05-12  
[30] US (09/438,831) 1999-11-12

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[21] **2,320,015**  
[13] A1

[51] **Int.Cl. 7E04F 15/14**  
[25] EN  
[54] **INTERCONNECTING DISENGAGEABLE FLOORING SYSTEM**  
[54] **SYSTEME DE PLANCHER A INTERCONNEXION ET A DEGAGEMENT**  
[72] NELSON, THOMAS JOHN, US  
[71] PREMARK RWP HOLDINGS, INC., US  
[22] 2000-09-18  
[43] 2001-05-08  
[30] US (09/436,317) 1999-11-08

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[21] **2,320,052**  
[13] A1

[51] **Int.Cl. 7D06F 58/26**  
[25] EN  
[54] **IMPROVED CLOTHES DRYER WITH EMISSIVE COATING**  
[54] **SECHEUSE A LINGE AMELIOREE AVEC REVETEMENT EMISSIF**  
[72] HAMAND, MICHAEL A., US  
[71] MAYTAG CORPORATION, US  
[22] 2000-09-19  
[43] 2001-05-11  
[30] US (09/438,745) 1999-11-11

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[21] **2,320,564**  
[13] A1

[51] **Int.Cl. 7G09F 9/30 7G09F 9/37**  
[25] EN  
[54] **FIELD ADDRESSED DISPLAYS USING CHARGE DISCHARGING IN CONJUNCTION WITH CHARGE RETAINING ISLAND STRUCTURES**  
[54] **AFFICHAGES ADRESSES A CHAMP ELECTRIQUE UTILISANT LA DECHARGE CONJOINTEMENT AVEC DES ILOTS DE RETENUE DE CHARGE**  
[72] RICHLEY, EDWARD A., US  
[72] HOWARD, MATTHEW E., US  
[71] XEROX CORPORATION, US  
[22] 2000-09-22  
[43] 2001-05-12  
[30] US (09/438,894) 1999-11-12

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[21] **2,320,591**  
[13] A1

[51] **Int.Cl. 7F16F 9/02**  
[25] EN  
[54] **AIR DAMPER WITH ADJUSTABLE AIR FLOW RATE**  
[54] **VOLET D'AIR A DEBIT D'AIR REGLABLE**  
[72] BELLA, JOSEPH J., US  
[72] CHISHOLM, LISA E., US  
[72] BIVENS, STEVEN L., US  
[72] LITTLE, GARY R., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2000-09-26  
[43] 2001-05-08  
[30] US (09/436,797) 1999-11-08

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[21] **2,320,644**  
[13] A1

[51] **Int.Cl. 7H01M 8/04 7H01M 8/22**  
[25] EN  
[54] **FUEL CELL VOLTAGE MONITORING AND SYSTEM CONTROL**  
[54] **SURVEILLANCE DE TENSION DE PILE A COMBUSTIBLE ET COMMANDE DE SYSTEME**  
[72] CHALFANT, ROBERT W., US  
[72] CLINGERMAN, BRUCE J., US  
[72] KESKULA, DONALD H., US  
[71] GENERAL MOTORS CORPORATION, US  
[22] 2000-09-26  
[43] 2001-05-09  
[30] US (09/436,819) 1999-11-09

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[21] **2,320,658**  
[13] A1

[51] **Int.Cl. 7B60N 2/48**  
[25] EN  
[54] **HEADREST ASSEMBLY**  
[54] **APPUIE-TETE**  
[72] HANN, MARK S., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2000-09-26  
[43] 2001-05-08  
[30] US (09/435,980) 1999-11-08

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[21] **2,321,239**  
[13] A1

[51] **Int.Cl. 7B41J 2/175**  
[25] EN  
[54] **ADAPTER AND MATING BOTTLE CAP FOR COUPLING BOTTLES TO INK SUPPLIES**  
[54] **ADAPTATEUR ET CAPSULE CORRESPONDANTE POUR LE RACCORD DE BOUTEILLES AUX RECIPIENTS D'ALIMENTATION**  
[72] CAHILL, CLIFFORD J., US  
[72] MURPHY, STEPHEN W., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2000-09-27  
[43] 2001-05-09  
[30] US (09/437,906) 1999-11-09

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[21] **2,322,096**  
[13] A1  
[51] **Int.Cl. 7C06B 45/10**  
[25] EN  
[54] **THERMOPLASTIC POLYMER  
PROPELLANT COMPOSITIONS  
[54] COMPOSITIONS D'AGENT  
PROPULSIF A BASE DE POLYMERE  
THERMOPLASTIQUE**  
[72] CESARONI, ANTHONY JOSEPH, CA  
[71] CESARONI, ANTHONY JOSEPH, CA  
[22] 2000-10-02  
[43] 2001-05-08  
[30] US (60/164 297) 1999-11-08  
[30] US (09/613 090) 2000-07-10

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[21] **2,322,333**  
[13] A1  
[51] **Int.Cl. 7B01F 5/06**  
[25] EN  
[54] **STATIC MIXER WITH PRECISION  
CAST ELEMENTS  
[54] MELANGEUR STATIQUE AVEC  
ELEMENTS COULES DE PRECISION**  
[72] MAURER, RUDOLF, CH  
[72] STUDLEK, JOACHIM, DE  
[71] SULZER CHEMTECH AG, CH  
[22] 2000-10-05  
[43] 2001-05-10  
[30] EP (99 811 032.4) 1999-11-10

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[21] **2,322,671**  
[13] A1  
[51] **Int.Cl. 7E05C 3/08**  
[25] EN  
[54] **LATCH ASSEMBLY FOR A  
MOVABLE CLOSURE  
[54] VERROU POUR FERMETURE  
MOBILE**  
[72] LARSEN, MARVIN L., US  
[72] ESCHWEILER, KEVIN P., US  
[71] TRIMARK CORPORATION, US  
[22] 2000-10-10  
[43] 2001-05-12  
[30] US (09/438,690) 1999-11-12

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[21] **2,322,713**  
[13] A1  
[51] **Int.Cl. 7C12Q 1/68 7C12N 15/10  
7G01N 33/574**  
[25] EN  
[54] **PROCESS FOR THE  
DETERMINATION OF CTP11 AND FOR  
DETERMINING WHETHER A TUMOR  
SAMPLE HAS METASTATIC  
POTENTIAL  
[54] PROCESSUS DE  
DETERMINATION DE LA CTP11 ET DU  
POTENTIEL METASTATIQUE D'UN  
PRELEVEMENT DE TUMEUR**  
[72] ZENDMAN, ALBERT J. W., NL  
[72] VAN MUIJEN, GOOS N. P., NL  
[71] F. HOFFMAN-LA ROCHE AG, CH  
[22] 2000-10-31  
[43] 2001-05-11  
[30] EP (99 122 454.4) 1999-11-11

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[21] **2,323,149**  
[13] A1  
[51] **Int.Cl. 7C12P 13/08 7C12N 15/10  
7C12N 1/20**  
[25] EN  
[54] **PROCESS FOR THE  
FERMENTATIVE PRODUCTION OF L-  
LYSINE USING CORYNEFORM  
BACTERIA  
[54] METHODE DE PRODUCTION DE  
L-LYSINE PAR FERMENTATION A  
L'AIDE DE BACTERIES  
CORYNEFORMES**  
[72] BRAND, SVEN, DE  
[72] PUHLER, ALFRED, DE  
[72] PFEFFERLE, WALTER, DE  
[72] MOCKEL, BETTINA, DE  
[72] KALINOWSKI, JORN, DE  
[72] BATHE, BRIGITTE, DE  
[71] DEGUSSA-HULS  
AKTIENGESELLSCHAFT, DE  
[22] 2000-11-07  
[43] 2001-05-09  
[30] DE (199 53 809.3) 1999-11-09

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[21] **2,323,183**  
[13] A1  
[51] **Int.Cl. 7A61K 31/195 7A61P 15/12  
7A61K 38/14 7A61K 31/215 7A61K 31/  
4015 7A61K 31/433 7A61K 31/4422  
7G01N 33/53 7A61K 31/554**  
[25] EN  
[54] **COMPOUNDS FOR THE  
TREATMENT OF FEMALE SEXUAL  
DYSFUNCTION  
[54] COMPOSES POUR TRAITER LA  
DYSFONCTION SEXUELLE CHEZ LA  
FEMME**  
[72] MAW, GRAHAM NIGEL, GB  
[72] WAYMAN, CHRISTOPHER PETER,  
GB  
[71] PFIZER INC., US  
[22] 2000-11-07  
[43] 2001-05-08  
[30] GB (9926437.6) 1999-11-08  
[30] GB (0004021.2) 2000-02-18  
[30] GB (0013001.3) 2000-05-26  
[30] GB (0016563.9) 2000-07-05  
[30] GB (0017141.3) 2000-07-12

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[21] **2,323,191**  
[13] A1  
[51] **Int.Cl. 7A61K 31/195 7A61P 15/12  
7A61K 38/14 7A61K 31/215 7A61K 31/  
4015 7A61K 31/433 7A61K 31/4422  
7G01N 33/53 7A61K 31/554**  
[25] EN  
[54] **COMPOUNDS FOR THE  
TREATMENT OF FEMALE SEXUAL  
DYSFUNCTION  
[54] COMPOSES POUR TRAITER LA  
DYSFONCTION SEXUELLE CHEZ LA  
FEMME**  
[72] WAYMAN, CHRISTOPHER PETER,  
GB  
[72] MAW, GRAHAM NIGEL, GB  
[71] PFIZER INC., US  
[22] 2000-11-07  
[43] 2001-05-08  
[30] GB (9926437.6) 1999-11-08  
[30] GB (0004021.2) 2000-02-18  
[30] GB (0013001.3) 2000-05-26  
[30] GB (0016563.9) 2000-07-05  
[30] GB (0017141.3) 2000-07-12

**Demandes canadiennes mises à la disponibilité du public**  
**6 mai 2001 - 12 mai 2001**

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[21] **2,323,286**  
[13] A1

[51] **Int.Cl. 7H04L 12/16 7G06F 3/14 7G06F 17/20 7G06F 17/60**  
[25] EN  
[54] **METHOD AND SYSTEM FOR PROPERTY PAGE MANAGEMENT**  
[54] **METHODE ET SYSTEME DE GESTION DE PAGE DE PROPRIETES**  
[72] CLARKE, DAVID JAMES, US  
[72] PROVO, NATHAN JACK, US  
[71] ATTACHMATE CORPORATION, US  
[22] 2000-10-13  
[43] 2001-05-10  
[30] US (09/437,281) 1999-11-10

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[21] **2,323,302**  
[13] A1

[51] **Int.Cl. 7F24C 15/00**  
[25] EN  
[54] **COOKTOP INTENSITY INDICATOR DIAL**  
[54] **CADRAN INDICATEUR D'INTENSITE DE SURFACE DE CUISSON**  
[72] GJERDE, RICHARD, US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2000-10-12  
[43] 2001-05-10  
[30] US (09/438,082) 1999-11-10

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[21] **2,323,326**  
[13] A1

[51] **Int.Cl. 7H04L 29/02 7H04M 11/06 7H04L 12/16**  
[25] EN  
[54] **PROVIDING TELEPHONY SERVICES IN A COMMUNICATIONS NETWORK**  
[54] **FOURNITURE DE SERVICES TELEPHONIQUES DANS UN RESEAU DE COMMUNICATIONS**  
[72] CHU, JINCHI, US  
[72] DOLINAR, LARRY, US  
[72] KALLAS, MICHEL, US  
[71] NORTEL NETWORKS LIMITED, CA  
[22] 2000-10-16  
[43] 2001-05-09  
[30] US (09/436,562) 1999-11-09  
[30] US (60/168,846) 1999-12-03

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[21] **2,323,334**  
[13] A1

[51] **Int.Cl. 7B61B 12/00**  
[25] EN  
[54] **CABLE SHEAVE FOR CABLEWAY SYSTEMS**  
[54] **POULIE A CABLE POUR SYSTEMES DE SUSPENSION**  
[72] MEINDL, BERND, AT  
[71] INNOVA PATENT GMBH, AT  
[22] 2000-10-17  
[43] 2001-05-09  
[30] AT (A 1892/99) 1999-11-09

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[21] **2,323,354**  
[13] A1

[51] **Int.Cl. 7H03F 3/68 7H04B 7/00 7H03F 3/20 7H04Q 7/36**  
[25] EN  
[54] **POWER AMPLIFIER SYSTEM**  
[54] **SYSTEME D'AMPLIFICATEURS DE PUISSANCE**  
[72] KE, MENG-KUN, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-10-17  
[43] 2001-05-10  
[30] US (09/437,522) 1999-11-10

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[21] **2,323,367**  
[13] A1

[51] **Int.Cl. 7H04L 12/66 7H04M 11/06 7H04M 3/42**  
[25] EN  
[54] **PROVIDING COMMUNICATIONS SERVICES**  
[54] **FOURNITURE DE SERVICES DE COMMUNICATIONS**  
[72] KALLAS, MICHEL, US  
[72] LYELL, JAMES MICHAEL, US  
[72] RITENOUR, GIBSON D., US  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 2000-10-16  
[43] 2001-05-09  
[30] US (09/436,562) 1999-11-09

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[21] **2,323,368**  
[13] A1

[51] **Int.Cl. 7H04B 7/00 7H01Q 21/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR RECEIVING WIRELESS TRANSMISSIONS USING MULTIPLE-ANTENNA ARRAYS**  
[54] **METHODE ET APPAREIL DE RECEPTION SANS FIL A RESEAUX D'ANTENNES MULTIPLES**  
[72] HASSIBI, BABAK, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-10-16  
[43] 2001-05-12  
[30] US (09/438,900) 1999-11-12

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[21] **2,323,372**  
[13] A1

[51] **Int.Cl. 7H04B 7/00 7H04Q 7/36**  
[25] EN  
[54] **TRANSMITTING/RECEIVING APPARATUS FOR ELECTROMAGNETIC SIGNALS**  
[54] **APPAREIL EMETTEUR-RECEPTEUR POUR SIGNAUX ELECTROMAGNETIQUES**  
[72] RITTER, KAI-UWE, DE  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-10-16  
[43] 2001-05-09  
[30] EP (99308912.7) 1999-11-09

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[21] **2,323,395**  
[13] A1

[51] **Int.Cl. 7H04M 3/42 7H04M 11/08**  
[25] EN  
[54] **STORING INFORMATION ABOUT A TELEPHONY SESSION**  
[54] **STOCKAGE D'INFORMATION SUR UNE SESSION TELEPHONIQUE**  
[72] LYELL, JAMES MICHAEL, US  
[72] DAWKINS, PAUL SPENCER, US  
[72] KALLAS, MICHEL, US  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 2000-10-16  
[43] 2001-05-09  
[30] US (09/436,563) 1999-11-09



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[21] **2,323,408**  
[13] A1  
[51] **Int.Cl. 7F16H 41/26**  
[25] EN  
[54] **TORQUE CONVERTER**  
[54] **CONVERTISSEUR DE COUPLE**  
[72] SAKATO, MASATOSHI, JP  
[72] ABE, HIROYA, JP  
[72] MARUYAMA, TETSUROU, JP  
[71] HONDA GIKEN KOGYO  
KABUSHIKI KAISHA, JP  
[22] 2000-10-17  
[43] 2001-05-10  
[30] JP (11-319137) 1999-11-10

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[21] **2,323,464**  
[13] A1  
[51] **Int.Cl. 7A61K 31/196 7A01K 67/00 7C12Q 1/00 7A61P 15/12 7A61K 31/215 7A61K 31/4015 7A61K 31/433 7A61K 31/4412 7G01N 33/53 7A61K 31/554 7A61K 31/7056**  
[25] EN  
[54] **COMPOUNDS FOR THE TREATMENT OF FEMALE SEXUAL DYSFUNCTION**  
[54] **COMPOSES POUR LE TRAITEMENT DE LA DYSFONCTION SEXUELLE CHEZ LA FEMME**  
[72] MAW, GRAHAM NIGEL, GB  
[72] WAYMAN, CHRISTOPHER PETER, GB  
[71] PFIZER INC., US  
[22] 2000-11-07  
[43] 2001-05-08  
[30] GB (9926437.6) 1999-11-08  
[30] GB (0004021.2) 2000-02-18  
[30] GB (0013001.3) 2000-05-26  
[30] GB (0016563.9) 2000-07-05  
[30] GB (0017141.3) 2000-07-12

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[21] **2,323,580**  
[13] A1  
[51] **Int.Cl. 7B62B 1/10**  
[25] EN  
[54] **MULTI-PURPOSE DEER-HUNTING CART**  
[54] **CHARIOT POLYVALENT DE CHASSE AU CERF**  
[72] WATTS, BENJAMIN H., US  
[71] WATTS, BENJAMIN H., US  
[22] 2000-10-13  
[43] 2001-05-12  
[30] US (60/154,829) 1999-11-12  
[30] US (09/616,050) 2000-07-13

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[21] **2,323,635**  
[13] A1  
[51] **Int.Cl. 7C12N 1/20 7C12P 7/02 7C12P 7/16**  
[25] FR  
[54] **PROCEDE DE PRODUCTION DE BURKHOLDERIA CEPACIA EN PRESENCE DE TERTIO-BUTANOL OU D'ALCOOL TERTIO-AMYLIQUE, L'INOCULUM PRODUIT ET PROCEDE DE DEGRADATION DE CES ALCOOLS**  
[54] **BURKHOLDERIA CEPACIA PRODUCTION PROCESS IN THE PRESENCE OF TERT-BUTANOL OR TERT-AMYL ALCOHOL, THE INOCULUM PRODUCED AND THE PROCESS OF DEGRADATION OF THESE ALCOHOLS**  
[72] MONOT, FREDERIC, FR  
[72] FAYOLLE, FRANCOISE, FR  
[72] PIVETEAU, PASCAL, FR  
[71] INSTITUT FRANCAIS DU PETROLE, FR  
[22] 2000-11-06  
[43] 2001-05-09  
[30] FR (99 14 212) 1999-11-09

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[21] **2,323,815**  
[13] A1  
[51] **Int.Cl. 7B60R 9/04 7F17C 13/08**  
[25] EN  
[54] **ENGINEERED ROOF TOP STORAGE UNIT FOR CNG CYLINDERS FOR MOTOR VEHICLES**  
[54] **POSTE DE STOCKAGE SUR TOIT AMENAGE POUR DES BOUTEILLES DE GAZ NATUREL COMPRIME POUR VEHICULES A MOTEUR**  
[72] BANSOD, PRAKASH, CA  
[71] BANSOD, PRAKASH, CA  
[22] 2000-10-16  
[43] 2001-05-08  
[30] US (60/164110) 1999-11-08

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[21] **2,323,914**  
[13] A1  
[51] **Int.Cl. 7G02B 26/00 7B81B 5/00**  
[25] EN  
[54] **MEMS VARIABLE OPTICAL DELAY LINES**  
[54] **LIGNES OPTIQUES A RETARD VARIABLE A SYSTEME MECANIQUE MICROELECTRIQUE**  
[72] BISHOP, DAVID JOHN, US  
[72] GILES, RANDY CLINTON, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-10-19  
[43] 2001-05-10  
[30] US (60/164,458) 1999-11-10  
[30] US (09/515,999) 2000-02-29

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[21] **2,323,924**  
[13] A1  
[51] **Int.Cl. 7F04B 43/12**  
[25] EN  
[54] **PERISTALTIC PUMP AND CASSETTE**  
[54] **POMPE ET CASSETTE PERISTALTIQUES**  
[72] AKKAS, TAMER, US  
[72] SORENSEN, GARY P., US  
[71] AKKAS, TAMER, US  
[71] SORENSEN, GARY P., US  
[22] 2000-10-18  
[43] 2001-05-10  
[30] US (09/437,392) 1999-11-10

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[21] **2,323,928**  
[13] A1  
[51] **Int.Cl. 7F16L 37/086**  
[25] EN  
[54] **INSERTION VERIFIER DUST CAP**  
[54] **BOUCHON DE PROTECTION A CONTROLEUR D'INSERTION**  
[72] MCLAUCHLAN, BRUCE, US  
[72] BUCHER, MICHAEL, US  
[71] TI GROUP AUTOMOTIVE SYSTEMS CORPORATION, US  
[22] 2000-10-19  
[43] 2001-05-08  
[30] US (09/436,121) 1999-11-08

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[21] **2,324,000**  
[13] A1  
[51] **Int.Cl. 7G06F 17/60 7H04M 17/00 7H04L 12/16**  
[25] EN  
[54] **BUSINESS METHOD IMPLEMENTED ON A WIRELESS PREPAID PLATFORM OF BUSINESS-TO-BUSINESS TRANSACTION PROCESSING AND BILLING**  
[54] **METHODE COMMERCIALE MISE EN OEUVRE SUR UNE PLATE-FORME A PREPAIEMENT SANS FIL DE TRAITEMENT ET DE FACTURATION DE TRANSACTIONS ENTRE ENTREPRISES**  
[72] OBHAN, PREM, US  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 2000-10-20  
[43] 2001-05-12  
[30] US (09/439,056) 1999-11-12  
[30] US (09/439,110) 1999-11-12

**Demandes canadiennes mises à la disponibilité du public**  
**6 mai 2001 - 12 mai 2001**

[21] **2,324,095**  
[13] A1

[51] **Int.Cl. 7C08L 61/28 7D21H 27/20 7C09D 161/28**  
[25] EN  
[54] **MELAMINE RESIN DISPERSIONS**  
[54] **DISPERSIONS DE RESINE DE MELAMINE**  
[72] SCHNURR, WERNER, DE  
[72] ANDRE, VALERIE, DE  
[72] BIEDERMANN, NORBERT, DE  
[72] JACKH, CHRISTOF, DE  
[72] SCHERR, GUNTER, DE  
[72] DECHER, JAKOB, DE  
[72] HENNING, INGOLF, DE  
[71] SCHNURR, WERNER, DE  
[71] ANDRE, VALERIE, DE  
[71] BIEDERMANN, NORBERT, DE  
[71] JACKH, CHRISTOF, DE  
[71] SCHERR, GUNTER, DE  
[71] DECHER, JAKOB, DE  
[71] HENNING, INGOLF, DE  
[22] 2000-10-23  
[43] 2001-05-11  
[30] DE (19954189.2) 1999-11-11

[21] **2,324,123**  
[13] A1

[51] **Int.Cl. 7H01L 31/10**  
[25] EN  
[54] **PHOTO-SENSOR CIRCUIT**  
[54] **CIRCUIT A CAPTEUR OPTIQUE**  
[72] TAKEBE, KATSUHIKO, JP  
[72] SHINOTSUKA, SUKEYUKI, JP  
[71] HONDA GIKEN KOGYO  
KABUSHIKI KAISHA, JP  
[22] 2000-10-24  
[43] 2001-05-12  
[30] JP (359622) 1999-11-12

[21] **2,324,129**  
[13] A1

[51] **Int.Cl. 7C08G 18/78 7C09D 175/12 7C09J 175/12 7C08G 18/80**  
[25] EN  
[54] **MOISTURE-CURABLE COMPOSITIONS CONTAINING ISOCYANATE AND SUCCINYL UREA GROUPS**  
[54] **COMPOSITIONS DURCISSABLES EN PRESENCE D'HUMIDITE ET RENFERMANT DES GROUPES ISOCYANATES ET SUCCINYLURES**  
[72] ROESLER, RICHARD R., US  
[71] BAYER CORPORATION, US  
[22] 2000-10-24  
[43] 2001-05-08  
[30] US (09/436,328) 1999-11-08

[21] **2,324,172**  
[13] A1

[51] **Int.Cl. 7G01F 23/284**  
[25] EN  
[54] **FILL LEVEL DETECTOR**  
[54] **DETECTEUR DE NIVEAU DE REMPLISSAGE**  
[72] BLETZ, ACHIM, FR  
[72] NEVEN, JOSEPH, FR  
[71] KROHNE S.A., FR  
[22] 2000-10-23  
[43] 2001-05-08  
[30] DE (199 53 709.7) 1999-11-08  
[30] DE (199 58 584.9) 1999-12-04

[21] **2,324,182**  
[13] A1

[51] **Int.Cl. 7H04B 10/08 7G02B 26/08 7H04Q 3/52**  
[25] EN  
[54] **METHOD AND DEVICE FOR OPTICALLY CROSSCONNECTING OPTICAL SIGNALS USING TILTING MIRROR MEMS WITH DRIFT MONITORING FEATURE**  
[54] **METHODE ET DISPOSITIF POUR L'INTERCONNEXION OPTIQUE DE SIGNAUX OPTIQUES AU MOYEN DE SYSTEMES MECANIQUES MICROELECTRIQUES A MIROIRS INCLINES AVEC UNE FONCTION DE CONTROLE DE LA DERIVE**  
[72] GILES, RANDY CLINTON, US  
[72] BISHOP, DAVID JOHN, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-10-25  
[43] 2001-05-10  
[30] US (60/164,459) 1999-11-10  
[30] US (09/518,070) 2000-03-02

[21] **2,324,190**  
[13] A1

[51] **Int.Cl. 7B62D 55/205**  
[25] EN  
[54] **CRAWLER LINK**  
[54] **MAILLON DE CHENILLE**  
[72] KULAKOWSKI, JOSEPH M., US  
[72] GILMORE, CARL D., US  
[71] BUCYRUS INTERNATIONAL, INC., US  
[22] 2000-10-25  
[43] 2001-05-08  
[30] US (60/163,945) 1999-11-08

[21] **2,324,201**  
[13] A1

[51] **Int.Cl. 7G02F 1/29**  
[25] EN  
[54] **MULTI-FIBER DIGITAL DELAY LINE**  
[54] **LIGNE A RETARD NUMERIQUE MULTIFIBRE**  
[72] HOLLAND, WILLIAM ROBERT, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-10-25  
[43] 2001-05-12  
[30] US (09/439,886) 1999-11-12

[21] **2,324,203**  
[13] A1

[51] **Int.Cl. 7G02B 5/08 7G02B 1/10**  
[25] EN  
[54] **COLORED ANTI-FOG MIRROR**  
[54] **MIROIR ANTIBUEE TEINTE**  
[72] KOBAYASHI, MASAKI, JP  
[72] KOMATSU, TORU, JP  
[71] MURAKAMI CORPORATION, JP  
[22] 2000-10-25  
[43] 2001-05-12  
[30] JP (322333/1999) 1999-11-12

[21] **2,324,330**  
[13] A1

[51] **Int.Cl. 7C07D 211/52 7A61P 29/00 7A61P 25/04 7A61K 31/451 7A61K 31/454 7A61K 31/4545 7A61K 31/496 7A61K 31/5377**  
[25] EN  
[54] **4-HYDROXY-4-PHENYLPYPERIDINE DERIVATIVES AND PHARMACEUTICALS CONTAINING THE SAME**  
[54] **DERIVES DE LA 4-HYDROXY-4-PHENYLPYPERIDINE ET PRODUITS PHARMACEUTIQUES A BASE DE CEUX-CI**  
[72] KOMOTO, TERUO, JP  
[72] OKA, TETSUO, JP  
[72] KAWAMOTO, NORIYUKI, JP  
[72] KANAMARU, YOSHIHIKO, JP  
[72] SATO, SUSUMU, JP  
[72] UMEHARA, NORIMITSU, JP  
[72] MOGI, KINICHI, JP  
[71] SSP CO., LTD., JP  
[22] 2000-10-26  
[43] 2001-05-08  
[30] JP (11-316881) 1999-11-08

Canadian Laid-Open Applications  
May 6, 2001 - May 12, 2001

[21] **2,324,484**  
[13] A1

[51] **Int.Cl. 7A61K 31/196 7A01K 67/00 7C12Q 1/00 7A61P 15/12 7A61K 31/215 7A61K 31/4015 7A61K 31/433 7A61K 31/4412 7G01N 33/53 7A61K 31/554 7A61K 31/7056**

[25] EN

[54] **COMPOUNDS FOR THE TREATMENT OF FEMALE SEXUAL DYSFUNCTION**

[54] **COMPOSES POUR LE TRAITEMENT DE LA DYSFONCTION SEXUELLE CHEZ LA FEMME**

[72] MAW, GRAHAM NIGEL, GB

[72] WAYMAN, CHRISTOPHER PETER, GB

[71] PFIZER INC., US

[22] 2000-11-07

[43] 2001-05-08

[30] GB (9926437.6) 1999-11-08

[30] GB (0004021.2) 2000-02-18

[30] GB (0013001.3) 2000-05-26

[30] GB (0016563.9) 2000-07-05

[30] GB (0017141.3) 2000-07-12

[21] **2,324,522**  
[13] A1

[51] **Int.Cl. 7A61M 1/34**

[25] FR

[54] **APPAREIL D'HEMOPILTRATION PERMETTANT DE CONTROLER, DE FACON INDEPENDANTE, LA CONCENTRATION D'AU MOINS DEUX**

**SUBSTANCES IONIQUES DANS LE**

**MILIEU INTERIEUR D'UN PATIENT**

[54] **HEMOPILTRATION DEVICE TO INDEPENDENTLY CONTROL THE**

**CONCENTRATION OF AT LEAST TWO**

**IONIC SUBSTANCES IN THE**

**PATIENT'S INTERNAL**

**ENVIRONMENT**

[72] BENE, BERNARD, FR

[71] HOSPAL INDUSTRIE, FR

[22] 2000-10-31

[43] 2001-05-08

[30] FR (99 14253) 1999-11-08

[21] **2,324,659**  
[13] A1

[51] **Int.Cl. 7F16K 5/04**

[25] EN

[54] **FACE SEAL FOR BARREL TYPE WATER VALVE**

[54] **JOINT MECANIQUE POUR ROBINET DE PRISE D'EAU DU TYPE A FUT**

[72] BABIN, CHRISTOPHER JOHN, US

[71] EATON CORPORATION, US

[22] 2000-10-30

[43] 2001-05-08

[30] US (435,978) 1999-11-08

[21] **2,324,691**  
[13] A1

[51] **Int.Cl. 7A63B 59/00**

[25] EN

[54] **PLAYING END FOR A RINGETTE STICK**

[54] **EMBOUT DE FRAPPE POUR**

**BATON DE RINGUETTE**

[72] UNGER, MICHAEL, FI

[71] EXEL OYJ, FI

[22] 2000-10-30

[43] 2001-05-08

[30] FI (19992403) 1999-11-08

[21] **2,324,704**  
[13] A1

[51] **Int.Cl. 7G07D 5/00**

[25] EN

[54] **MULTIPLE COIN ANALYZER SYSTEM**

[54] **SYSTEME ANALYSEUR DE**

**DIVERSES PIECES DE MONNAIE**

[72] PARKER, KEITH W., US

[72] PARKER, DOUGLAS O., US

[72] MEADE, MARK H., US

[71] PARKER ENGINEERING &

MANUFACTURING CO., INC., US

[22] 2000-10-30

[43] 2001-05-10

[30] US (09/438,002) 1999-11-10

[21] **2,324,706**  
[13] A1

[51] **Int.Cl. 7E21B 43/12**

[25] EN

[54] **SAND PROTECTION SYSTEM FOR ELECTRICAL SUBMERSIBLE PUMP**

[54] **SYSTEME DE PROTECTION CONTRE LE SABLE POUR POMPE ELECTRIQUE IMMERGEE**

[72] WILSON, BROWN LYLE, US

[71] BAKER HUGHES INCORPORATED, US

[22] 2000-10-27

[43] 2001-05-10

[30] US (09/437,868) 1999-11-10

[21] **2,324,719**  
[13] A1

[51] **Int.Cl. 7B81B 3/00 7B81B 7/02**

[25] EN

[54] **THERMALLY ACTUATED MICROELECTROMECHANICAL SYSTEMS INCLUDING THERMAL ISOLATION STRUCTURES**

[54] **SYSTEMES MICROMECHANIQUES**

**ACTIONNES THERMIQUEMENT**

**COMPRENANT DES STRUCTURES**

**D'ISOLEMENT THERMIQUE**

[72] MAHADEVAN, RAMASWAMY, US

[71] JDS UNIPHASE INC., CA

[22] 2000-10-27

[43] 2001-05-08

[30] US (09/436,939) 1999-11-08

[21] **2,324,725**  
[13] A1

[51] **Int.Cl. 7H02K 5/22**

[25] EN

[54] **ELECTRIC MOTOR**

[54] **MOTEUR ELECTRIQUE**

[72] KINK, CHRISTOPH, DE

[72] MAYR, MARTIN, DE

[72] AUGUSTIN, JOHANN, DE

[72] WISSMACH, WALTER, DE

[71] HILTI AKTIENGESELLSCHAFT, LI

[22] 2000-10-27

[43] 2001-05-11

[30] DE (199 543 14.3) 1999-11-11

**Demandes canadiennes mises à la disponibilité du public**  
**6 mai 2001 - 12 mai 2001**

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[21] **2,324,754**  
[13] A1

[51] **Int.Cl. 7B65D 53/08 7B65B 51/02**  
[25] EN  
[54] **COMPOSITE CONTAINER AND METHOD OF HEAT SEALING COMPOSITE CONTAINERS**  
[54] **CONTENANT COMPOSITE ET METHODE DE THERMOSCELLAGE DE CONTENANTS COMPOSITES**  
[72] VARADARAJAN, KRISHNARAJU, US  
[71] SONOCO DEVELOPMENT, INC., US  
[22] 2000-10-27  
[43] 2001-05-08  
[30] US (09/436,467) 1999-11-08

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[21] **2,324,761**  
[13] A1

[51] **Int.Cl. 7E21B 33/035**  
[25] EN  
[54] **ADJUSTABLE SUB-TENSION HANGER**  
[54] **SUPPORT A TENSION REGLABLE PAR REDUCTION DE TIGES**  
[72] NGUYEN, DENNIS P., US  
[72] VANDERFORD, DELBERT E., US  
[71] COOPER CAMERON CORPORATION, US  
[22] 2000-10-30  
[43] 2001-05-10  
[30] US (09/438,074) 1999-11-10

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[21] **2,324,783**  
[13] A1

[51] **Int.Cl. 7H04L 7/00 7H04J 11/00**  
[25] EN  
[54] **METHODS AND APPARATUS FOR FRAME SYNCHRONIZATION IN A DIGITAL AUDIO BROADCASTING SYSTEM**  
[54] **METHODES ET APPAREIL DE SYNCHRONISATION DE TRAME DANS UN SYSTEME DE RADIODIFFUSION AUDIONUMERIQUE**  
[72] KARIM, MUHAMMAD R., US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-10-31  
[43] 2001-05-12  
[30] US (09/438,793) 1999-11-12

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[21] **2,324,798**  
[13] A1

[51] **Int.Cl. 7G01S 5/14 7H04B 17/02**  
[25] EN  
[54] **A METHOD OF TIMING CALIBRATION**  
[54] **METHODE D'ETALONNAGE DE SYNCHRONISATION**  
[72] VANNUCCI, GIOVANNI, US  
[72] BARROSO, CHRISTOPHER BURKE, US  
[72] CHEN, BYRON HUA, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-10-30  
[43] 2001-05-12  
[30] US (09/439,217) 1999-11-12

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[21] **2,324,800**  
[13] A1

[51] **Int.Cl. 7A61K 31/472 7A61P 3/06 7A61K 31/4468 7A61K 31/454**  
[25] EN  
[54] **USE OF APO B SECRETION/MTP INHIBITORS**  
[54] **UTILISATION D'INHIBITEURS DE SECRETION D'APO B ET/OU DE MTP**  
[72] CHANDLER, CHARLES EDWARD, US  
[72] HICKMAN, MARY ANNE, US  
[72] LUNDY, KRISTIN MARIE, US  
[72] MORGAN, BRADLEY PAUL, US  
[71] PFIZER PRODUCTS INC., US  
[22] 2000-10-31  
[43] 2001-05-10  
[30] US (60/164,547) 1999-11-10

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[21] **2,324,801**  
[13] A1

[51] **Int.Cl. 7A61K 31/472 7A61P 3/06 7A61K 31/4468 7A61K 31/454**  
[25] EN  
[54] **USE OF APO B SECRETION/MTP INHIBITORS AND ANTI-OBESITY AGENTS**  
[54] **UTILISATION D'INHIBITEURS DE SECRETION D'APO B ET/OU DE MTP ET D'AGENTS CONTRE L'OBESITE**  
[72] MORGAN, BRADLEY PAUL, US  
[72] SWICK, ANDREW GORDON, US  
[71] PFIZER PRODUCTS INC., US  
[22] 2000-10-31  
[43] 2001-05-10  
[30] US (60/164,780) 1999-11-10

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[21] **2,324,813**  
[13] A1

[51] **Int.Cl. 7A61K 31/135 7A61P 25/22 7A61P 25/24 7A61K 31/40 7A61K 31/438 7A61K 31/439 7A61K 31/451 7A61K 31/453 7A61K 31/454 7A61K 31/4709 7A61K 31/496 7A61K 31/5377 7A61K 31/538**  
[25] EN  
[54] **COMBINATION TREATMENT FOR DEPRESSION AND ANXIETY**  
[54] **TRAITEMENT COMBINE DE LA DEPRESSION ET DE L'ANXIETE**  
[72] SOBOLOV-JAYNES, SUSAN BETH, US  
[71] PFIZER PRODUCTS INC., US  
[22] 2000-10-31  
[43] 2001-05-10  
[30] US (60/164,692) 1999-11-10

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[21] **2,324,833**  
[13] A1

[51] **Int.Cl. 7G02B 6/16**  
[25] EN  
[54] **VARIABLE FIBER COUNT OPTICAL FIBER CABLE CORE**  
[54] **AME DE CABLE OPTIQUE A NOMBRE VARIABLE DE FIBRES**  
[72] JACKSON, KENNETH WADE, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-10-30  
[43] 2001-05-12  
[30] US (09/438,685) 1999-11-12

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[21] **2,324,836**  
[13] A1

[51] **Int.Cl. 7G02B 26/00 7B81B 5/00**  
[25] EN  
[54] **MEMS OPTICAL ISOLATORS**  
[54] **ISOLATEURS OPTIQUES A SYSTEME MECANIQUE MICROELECTRIQUE**  
[72] BISHOP, DAVID JOHN, US  
[72] GILES, RANDY CLINTON, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-10-30  
[43] 2001-05-10  
[30] US (60/164,457) 1999-11-10  
[30] US (09/515,412) 2000-02-29

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May 6, 2001 - May 12, 2001

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[21] **2,324,851**  
[13] A1  
[51] **Int.Cl. 7E04F 10/00 7E04H 15/58**  
[25] EN  
[54] **FREE-ARM SHADE**  
[54] **PARASOL A BRAS LIBRE**  
[72] STEINER, WALTER, CH  
[71] STEINER, WALTER, CH  
[22] 2000-11-02  
[43] 2001-05-07  
[30] CH (1999 2035/99) 1999-11-07

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[21] **2,324,861**  
[13] A1  
[51] **Int.Cl. 7C02F 9/06**  
[25] EN  
[54] **DEVICE AND METHOD FOR THE PURIFICATION OF POLLUTED WATER**  
[54] **DISPOSITIF ET METHODE D'EPURATION D'EAUX POLLUEES**  
[72] SALAMA, AMIR, CA  
[71] SALAMA, AMIR, CA  
[22] 2000-11-01  
[43] 2001-05-08  
[30] US (09/435,348) 1999-11-08

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[21] **2,324,991**  
[13] A1  
[51] **Int.Cl. 7F42B 39/26**  
[25] EN  
[54] **BULLET PACKAGE APPARATUS**  
[54] **DISPOSITIF A EMBALLAGE DE BALLE**  
[72] ALMQUIST, MARC A., US  
[71] ALMQUIST, MARC A., US  
[22] 2000-11-02  
[43] 2001-05-09  
[30] US (60/164,207) 1999-11-09  
[30] US (UNKNOWN) 2000-10-24

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[21] **2,325,008**  
[13] A1  
[51] **Int.Cl. 7H01H 73/18 7H02H 9/02**  
[25] EN  
[54] **HIGH-SPEED CURRENT-LIMITING SWITCH**  
[54] **COMMUTATEUR LIMITEUR DE COURANT A HAUTE VITESSE**  
[72] STEURER, MICHAEL, CH  
[72] FROHLICH, KLAUS, CH  
[72] HOLLAUS, WALTER, CH  
[72] KALTENEGGER, KURT, CH  
[71] ABB HOCHSPANNUNGSTECHNIK AG, CH  
[22] 2000-11-02  
[43] 2001-05-08  
[30] DE (199 53 551.5) 1999-11-08

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[21] **2,325,056**  
[13] A1  
[51] **Int.Cl. 7F16L 11/11**  
[25] EN  
[54] **FLEXIBLE HOSE**  
[54] **TUYAU SOUPLE**  
[72] DILLEN, ERIC, BE  
[72] DIELS, DOMIN, BE  
[71] PLASTIFLEX EUROPE N.V., BE  
[22] 2000-11-02  
[43] 2001-05-10  
[30] EP (99870235.1) 1999-11-10

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[21] **2,325,061**  
[13] A1  
[51] **Int.Cl. 7E21B 10/44**  
[25] EN  
[54] **DRILLING TOOL**  
[54] **OUTIL DE FORAGE**  
[72] BAUER, JOSEF, DE  
[72] SCHAUTT, MARTIN, DE  
[72] RICHTER, MARTIN, DE  
[72] HAUPTMANN, UDO, DE  
[71] HILTI AKTIENGESELLSCHAFT, LI  
[22] 2000-11-02  
[43] 2001-05-11  
[30] DE (199 54 315.1) 1999-11-11

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[21] **2,325,073**  
[13] A1  
[51] **Int.Cl. 7G06F 17/30 7G06F 17/00**  
[25] EN  
[54] **METHOD FOR CREATING A PROCESS CAPABILITY DATABASE**  
[54] **METHODE DE CREATION D'UNE BASE DE DONNEES A CAPACITE DE PROCESSUS**  
[72] ARVIDSON, ALAN L., US  
[72] DOUGHERTY, JOHN JAMES, US  
[72] CAMPBELL, THOMAS RANDOLPH, US  
[71] GENERAL ELECTRIC COMPANY, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2000-11-02  
[43] 2001-05-10  
[30] US (09/437,139) 1999-11-10

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[21] **2,325,096**  
[13] A1  
[51] **Int.Cl. 7G02B 6/13 7B81B 5/00**  
[25] EN  
[54] **INTEGRATED OPTOELECTRONIC DEVICES HAVING POP-UP MIRRORS THEREIN AND METHODS OF FORMING AND OPERATING SAME**  
[54] **DISPOSITIFS OPTOELECTRONIQUES INTEGRES COMPRENANT DES MIROIRS ESCAMOTABLES ET METHODES DE FABRICATION ET D'UTILISATION CONNEXES**  
[72] HILL, EDWARD ARTHUR, US  
[72] WOOD, ROBERT L., US  
[71] JDS UNIPHASE INC., CA  
[22] 2000-11-03  
[43] 2001-05-12  
[30] US (60/165,317) 1999-11-12  
[30] US (09/511,928) 2000-02-23

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[21] **2,325,108**  
[13] A1  
[51] **Int.Cl. 7B65D 65/22**  
[25] EN  
[54] **CONTAINER WRAP**  
[54] **EMBALLAGE DE CONTENANT**  
[72] MCKILLIP, BARRON G., US  
[71] CHROMIUM GRAPHICS, US  
[22] 2000-11-03  
[43] 2001-05-12  
[30] US (09/440,024) 1999-11-12

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[21] **2,325,109**  
[13] A1  
[51] **Int.Cl. 7C09J 131/04 7C09J 191/06**  
[25] EN  
[54] **LOW APPLICATION TEMPERATURE HOT MELT ADHESIVE**  
[54] **ADHESIF THERMOFUSIBLE POUR DES APPLICATIONS A BASSE TEMPERATURE**  
[72] COLE, INGRID, US  
[72] MORRISON, BRIAN B., US  
[72] MEHAFFY, JUSTIN A., US  
[71] NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION, US  
[22] 2000-11-03  
[43] 2001-05-12  
[30] US (09/439,655) 1999-11-12

**Demandes canadiennes mises à la disponibilité du public**  
**6 mai 2001 - 12 mai 2001**

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[21] **2,325,115**  
[13] A1

[51] **Int.Cl. 7E21B 47/12 7G08C 23/00**  
[25] EN  
[54] **DIGITAL SIGNAL RECEIVER FOR MWD TELEMETRY SYSTEMS**  
[54] **RECEPTEUR DE SIGNAUX NUMERIQUES POUR SYSTEMES DE TELEMESURE EN COURS DE FORAGE**  
[72] TENNENT, ROBERT W., US  
[72] REED, CHRISTOPHER P., US  
[72] HUTIN, REMI, US  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[22] 2000-11-06  
[43] 2001-05-10  
[30] US (09/437,634) 1999-11-10

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[21] **2,325,126**  
[13] A1

[51] **Int.Cl. 7B64D 13/08**  
[25] EN  
[54] **METHOD AND SYSTEM FOR FEEDING A COOL AIR INLET OF THE CABIN OF AN AIRCRAFT PROPELLED BY AT LEAST ONE JET ENGINE**  
[54] **METHODE ET SYSTEME D'ALIMENTATION EN AIR FRAIS PAR UNE PRISE D'AIR DE LA CABINE D'UN AVION PROPULSE PAR AU MOINS UN MOTEUR A REACTION**  
[72] LAUGT, PAUL, FR  
[71] DASSAULT AVIATION, FR  
[22] 2000-11-03  
[43] 2001-05-10  
[30] FR (99 14147) 1999-11-10

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[21] **2,325,127**  
[13] A1

[51] **Int.Cl. 7H02K 15/02 7B23K 31/02**  
[25] EN  
[54] **METHOD FOR THE MANUFACTURE OF BUNDLES OF METAL SHEETS OF ANNULAR SHAPE**  
[54] **METHODE DE FABRICATION DE LOTS DE FEUILLES METALLIQUES DE FORME ANNULAIRE**  
[72] BOURGEOIS, RAYMOND, FR  
[71] R. BOURGEOIS SOCIETE ANONYME, FR  
[22] 2000-11-06  
[43] 2001-05-10  
[30] FR (99 14173) 1999-11-10

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[21] **2,325,148**  
[13] A1

[51] **Int.Cl. 7H05K 7/20 7H01L 23/36**  
[25] EN  
[54] **BUS BAR HEAT SINK**  
[54] **DISSIPATEUR DE CHALEUR DE BARRE OMNIBUS**  
[72] HELLINGA, RICHARD J., CA  
[72] LANKIN, ROBERT G., CA  
[72] SCHUURMAN, DEREK C., CA  
[71] AGILE SYSTEM INC., CA  
[22] 2000-11-06  
[43] 2001-05-09  
[30] US (09/436,992) 1999-11-09

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[21] **2,325,172**  
[13] A1

[51] **Int.Cl. 7C04B 35/478**  
[25] EN  
[54] **PROCESS FOR PREPARING SINTERED BODY OF ALUMINUM TITANATE**  
[54] **METHODE DE PREPARATION D'UN OBJET FRITTE EN TITANATE D'ALUMINIUM**  
[72] FUKUDA, MASA AKI, JP  
[72] FUKUDA, TSUTOMU, JP  
[72] FUKUDA, MASAHIRO, JP  
[71] FUKUDA, MASA AKI, JP  
[71] FUKUDA, TSUTOMU, JP  
[71] FUKUDA, MASAHIRO, JP  
[22] 2000-11-03  
[43] 2001-05-08  
[30] JP (1999-317136) 1999-11-08

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[21] **2,325,178**  
[13] A1

[51] **Int.Cl. 7B26F 1/14**  
[25] EN  
[54] **CIRCULAR PUNCH**  
[54] **POINCON CIRCULAIRE**  
[72] GIOVANNI, JOHN H., US  
[72] PHILLIPS, MICHAEL T., US  
[71] PARK-AIR CORPORATION, US  
[22] 2000-11-07  
[43] 2001-05-08  
[30] US (60/163,936) 1999-11-08  
[30] US (UNKNOWN) 2000-10-26

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[21] **2,325,179**  
[13] A1

[51] **Int.Cl. 7B43M 3/04 7G07B 17/00**  
[25] EN  
[54] **MOTION CONTROL METHODOLOGY FOR A HIGH-SPEED INSERTING MACHINE OR OTHER MAILING APPARATUS**  
[54] **METHODE DE COMMANDE DU MOUVEMENT POUR INSEREUSE A HAUTE VITESSE OU AUTRE MACHINE POSTALE**  
[72] SUSSMEIER, JOHN W., US  
[72] SALAZAR, EDILBERTO I., US  
[71] PITNEY BOWES INC., US  
[22] 2000-11-07  
[43] 2001-05-08  
[30] US (09/434,553) 1999-11-08

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[21] **2,325,187**  
[13] A1

[51] **Int.Cl. 7C08K 3/22**  
[25] EN  
[54] **RESIN COMPOSITE AND METHOD FOR PRODUCING THE SAME**  
[54] **COMPOSITE A BASE DE RESINE ET METHODE POUR LE PRODUIRE**  
[72] NIPPA, SATORU, JP  
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP  
[22] 2000-11-08  
[43] 2001-05-11  
[30] JP (H11-320987) 1999-11-11

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[21] **2,325,188**  
[13] A1

[51] **Int.Cl. 7A61F 13/47**  
[25] EN  
[54] **COMPOUND NAPKIN**  
[54] **SERViette COMPOSEE**  
[72] ULMAN, JOHN, US  
[72] ROSE, KENDRA S., US  
[72] MANCUSO, MICHELE, US  
[72] GLASGOW, TARA, US  
[71] MCNEIL-PPC, INC., US  
[22] 2000-11-07  
[43] 2001-05-08  
[30] US (09/436,484) 1999-11-08

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May 6, 2001 - May 12, 2001

[21] 2,325,192  
[13] A1

[51] Int.Cl. 7A61F 13/47  
[25] EN  
[54] TAPERED COMPOUND SANITARY NAPKIN  
[54] SERVIETTE HYGIENIQUE COMPOSEE EFFILEE  
[72] MANCUSO, MICHELE, US  
[72] ULMAN, JOHN, US  
[72] GLASGOW, TARA, US  
[72] ROSE, KENDRA S., US  
[71] MCNEIL-PPC, INC., US  
[22] 2000-11-07  
[43] 2001-05-08  
[30] US (09/436,398) 1999-11-08

[21] 2,325,198  
[13] A1

[51] Int.Cl. 7H02K 5/16 7F04B 47/06 7E21B 43/12  
[25] EN  
[54] SYSTEM FOR REDUCING WEAR AND INCREASING LONGEVITY OF AN ELECTRIC SUBMERSIBLE PUMPING SYSTEM  
[54] SYSTEME DIMINUANT L'USURE ET AUGMENTANT LA LONGEVITE D'UN SYSTEME DE POMPAGE IMMERGEABLE ELECTRIQUE  
[72] KION, JOHN LEE YOON, SG  
[72] TAN, THIAM HOCK FRANCIS, SG  
[72] CHANG, HENG LYE, SG  
[72] WATSON, ARTHUR I., SG  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[22] 2000-11-07  
[43] 2001-05-12  
[30] US (09/439,530) 1999-11-12

[21] 2,325,201  
[13] A1

[51] Int.Cl. 7A61K 31/47 7A61P 3/06 7A61P 3/10 7A61P 9/10 7A61P 1/18 7A61K 31/437 7A61K 31/4468 7A61K 31/454 7A61K 31/4709 7A61K 31/472 7A61K 31/495 7A61K 31/4985 7A61K 31/53 7A61K 31/535 7A61K 31/5377 7A61K 31/54  
[25] EN  
[54] METHODS OF ADMINISTERING APO B-SECRETION/MTP INHIBITORS  
[54] METHODES POUR ADMINISTRER DES INHIBITEURS DE SECRETION D'APO B ET/OU DE MTP  
[72] CHANG, GEORGE, US  
[72] VINCENT, JOHN, US  
[71] PFIZER PRODUCTS INC., US  
[22] 2000-11-08  
[43] 2001-05-10  
[30] US (60/164,579) 1999-11-10

[21] 2,325,203  
[13] A1

[51] Int.Cl. 7A61F 13/47  
[25] EN  
[54] COMPOUND SANITARY NAPKIN  
[54] SERVIETTE HYGIENIQUE COMPOSEE  
[72] MANCUSO, MICHELE, US  
[72] GLASGOW, TARA, US  
[72] ROSE, KENDRA S., US  
[72] ULMAN, JOHN, US  
[71] MCNEIL-PPC, INC., US  
[22] 2000-11-07  
[43] 2001-05-08  
[30] US (09/436,397) 1999-11-08

[21] 2,325,206  
[13] A1

[51] Int.Cl. 7F04D 29/04 7F04B 53/00 7F04C 29/00 7F04D 29/58  
[25] EN  
[54] SEALED STEADY BEARING ASSEMBLY FOR NON-METALLIC VERTICAL SUMP AND PROCESS PUMPS  
[54] ENSEMBLE DE PALIER INTERMEDIAIRE SCELLE POUR POMPES VERTICALES D'EPUISEMENT ET DE PROCEDE  
[72] PADDOCK, DOUGLAS, US  
[72] WORCZAK, TERESA ANN, US  
[72] QUILL, JEREMIAH DENNIS, US  
[71] ITT MANUFACTURING ENTERPRISES, INC., US  
[22] 2000-11-07  
[43] 2001-05-08  
[30] US (09/435,542) 1999-11-08

[21] 2,325,209  
[13] A1

[51] Int.Cl. 7D06M 13/46  
[25] EN  
[54] ASSOCIATIVE THICKENER FOR AQUEOUS FABRIC SOFTENER  
[54] ADOUCISSANT AQUEUX EPAISSI  
[72] ROSIE, JAMES, US  
[72] VERSTRAT, DANIEL W., US  
[72] MAXIM, JOSEPH S., JR., US  
[71] NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION, US  
[22] 2000-11-02  
[43] 2001-05-10  
[30] US (09/437,819) 1999-11-10

[21] 2,325,211  
[13] A1

[51] Int.Cl. 7C09B 29/33 7C09D 11/02 7C08K 5/3447  
[25] EN  
[54] WATER-INSOLUBLE YELLOW MONOAZO PIGMENT  
[54] PIGMENT MONOAZOIQUE JAUNE INSOLUBLE DANS L'EAU  
[72] MANARANG, DOROTHY-GRACE, CA  
[72] LUI, HENRY, CA  
[72] GRAY, ALAN, CA  
[71] DOMINION COLOUR CORPORATION, CA  
[22] 2000-11-02  
[43] 2001-05-12  
[30] US (09/439,502) 1999-11-12

[21] 2,325,219  
[13] A1

[51] Int.Cl. 7B32B 31/04 7B32B 31/14  
[25] EN  
[54] METHOD FOR FACILITATING THE REMOVAL OF RESIDUES FROM A THREE-DIMENSIONAL OBJECT FORMED FROM MULTIPLE LAYERS  
[54] METHODE FACILITANT L'ELIMINATION DE RESIDUS PRESENTS DANS UN OBJET TRIDIMENSIONNEL MULTICOUCHE  
[72] BAR-EREZ, YOSI, IL  
[72] BAR-EREZ, EYAL, IL  
[71] SOLIDIMENSION LTD., IL  
[22] 2000-11-06  
[43] 2001-05-09  
[30] US (60/164,273) 1999-11-09  
[30] US (09/588,383) 2000-06-07

**Demandes canadiennes mises à la disponibilité du public**  
**6 mai 2001 - 12 mai 2001**

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[21] **2,325,222**  
[13] A1

[51] **Int.Cl. 7G01N 27/80 7G01N 33/20**  
[25] EN  
[54] **NONDESTRUCTIVE FATIGUE TEST METHOD FOR FERROMAGNETIC CONSTRUCTION MATERIALS**  
[54] **METHODE D'ESSAI DE FATIGUE NON DESTRUCTIF POUR MATERIAUX DE CONSTRUCTION FERROMAGNETIQUES**  
[72] TAKAHASHI, SEIKI, JP  
[71] IWATE UNIVERSITY, JP  
[22] 2000-11-07  
[43] 2001-05-08  
[30] JP (11-316,851) 1999-11-08

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[21] **2,325,228**  
[13] A1

[51] **Int.Cl. 7C12N 15/54 7C12N 5/10 7C12N 9/12 7C12Q 1/48 7C12N 15/70**  
[25] EN  
[54] **CATALYTIC DOMAIN OF THE HUMAN EFFECTOR CELL CYCLE CHECKPOINT PROTEIN KINASE, CHK1, MATERIALS AND METHODS FOR IDENTIFICATION OF INHIBITORS THEREOF**  
[54] **DOMAINE CATALYTIQUE DE LA PROTEINE KINASE CHK1 HUMAINE, EFFECTEUR DU POINT DE CONTROLE DU CYCLE CELLULAIRE, MATERIEL ET METHODE POUR L'IDENTIFICATION DES INHIBITEURS DE CETTE PROTEINE**  
[72] LUO, CHUN, US  
[72] ANDERSON, MARK BRIAN, US  
[72] DENG, YA-LI, US  
[72] KAN, CHEN-CHEN, US  
[72] CHEN, PING, US  
[72] NGUYEN, BINH, US  
[72] SARUP, JAY CHAND, US  
[72] GAUR, SMITA, US  
[72] MARGOSIAK, STEPHEN, US  
[72] TEMPCZYK-RUSSELL, ANNA, US  
[72] LUNDGREN, KAREN, US  
[72] O'CONNOR, PATRICK, US  
[72] REGISTER, JAMES, US  
[71] AGOURON PHARMACEUTICALS, INC., US  
[22] 2000-10-31  
[43] 2001-05-11  
[30] US (60/162,887) 1999-11-11  
[30] US (09/460,421) 1999-12-14

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[21] **2,325,229**  
[13] A1

[51] **Int.Cl. 7G01C 19/66**  
[25] EN  
[54] **RING LASER GYRO AND METHOD FOR DRIVING RING LASER GYRO**  
[54] **GYROLASER ANNULAIRE ET METHODE DE FONCTIONNEMENT D'UN GYROLASER ANNULAIRE**  
[72] NUMAI, TAKAHIRO, JP  
[71] CANON KABUSHIKI KAISHA, JP  
[22] 2000-11-07  
[43] 2001-05-11  
[30] JP (11-321499) 1999-11-11  
[30] JP (11-321500) 1999-11-11

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[21] **2,325,231**  
[13] A1

[51] **Int.Cl. 7H04Q 7/36 7G01S 5/14**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ASSISTED GPS PROTOCOL**  
[54] **METHODE ET APPAREIL POUR PROTOCOLE DE GPS ASSISTE**  
[72] ZHAO, YILIN, US  
[72] GEIER, GEORGE J., US  
[72] KING, THOMAS M., US  
[72] HART, ROGER C., US  
[71] MOTOROLA, INC., US  
[22] 2000-11-07  
[43] 2001-05-12  
[30] US (09/438,204) 1999-11-12

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[21] **2,325,233**  
[13] A1

[51] **Int.Cl. 7A61F 5/042**  
[25] EN  
[54] **STRETCHING DEVICE FOR USE IN THE TREATMENT OF CARPAL TUNNEL SYNDROME**  
[54] **DISPOSITIF ELASTIQUE A UTILISER DANS LE TRAITEMENT DU SYNDROME DU CANAL CARPIEN**  
[72] WEINBERG, KEN, CA  
[71] WEINBERG, KEN, CA  
[22] 2000-11-07  
[43] 2001-05-12  
[30] CA (2,289,431) 1999-11-12

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[21] **2,325,234**  
[13] A1

[51] **Int.Cl. 7B66D 3/20 7B66D 3/18 7B66D 3/26**  
[25] EN  
[54] **HOIST**  
[54] **SYSTEME DE REGLAGE DE HAUTEUR**  
[72] YANKE, RICHARD D.S., US  
[71] YANKE, RICHARD D.S., US  
[22] 2000-11-07  
[43] 2001-05-09  
[30] US (09/437905) 1999-11-09

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[21] **2,325,235**  
[13] A1

[51] **Int.Cl. 7F24C 15/00 7A21B 3/04 7C02F 1/40**  
[25] EN  
[54] **COOKING APPARATUS WITH GREASE REMOVAL SYSTEM**  
[54] **APPAREIL DE CUISSON MUNI D'UN SYSTEME D'ENLEVEMENT DE LA GRAISSE**  
[72] KYLES, BRUCE W., US  
[72] BATTEN, WILLIAM C., US  
[71] THERMACO, INC., US  
[22] 2000-11-07  
[43] 2001-05-12  
[30] US (09/439,541) 1999-11-12

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[21] **2,325,241**  
[13] A1

[51] **Int.Cl. 7C11D 3/50 7C11D 1/22**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF SCENTED BEADS**  
[54] **PROCEDE DE PREPARATION DE PERLES PARFUMEES**  
[72] LAHN, WOLFGANG, DE  
[72] PAATZ, KATHLEEN, DE  
[72] SCHAPER, ULF-ARMIN, DE  
[72] BLOCK, CHRISTIAN, DE  
[71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE  
[22] 2000-11-06  
[43] 2001-05-06  
[30] DE (199 53 503.5) 1999-11-06

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[21] **2,325,248**  
[13] A1  
[51] **Int.Cl. 7C12Q 1/68 7C12N 15/10 7A61L 2/28**  
[25] EN  
[54] **DNA STERILIZATION INDICATOR**  
[54] **INDICATEUR DE STERILISATION CONTENANT DE L'ADN**  
[72] KINNEY, DENNIS, US  
[71] PROPPER MANUFACTURING COMPANY, INC., US  
[22] 2000-11-07  
[43] 2001-05-10  
[30] US (09/437,462) 1999-11-10

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[21] **2,325,252**  
[13] A1  
[51] **Int.Cl. 7G06F 17/30**  
[25] EN  
[54] **MAINTAINING VERY LARGE INDEXES SUPPORTING EFFICIENT RELATIONAL QUERYING**  
[54] **MAINTIEN DE TRES GRANDS INDEX A L'APPUI DE REQUETES RELATIONNELLES EFFICACES**  
[72] SNIDER, TIMOTHY, CA  
[72] CONSENS, MARIANO PAULO, CA  
[71] JOINT TECHNOLOGY CORPORATION, CA  
[22] 2000-11-07  
[43] 2001-05-09  
[30] US (09/438,128) 1999-11-09

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[21] **2,325,258**  
[13] A1  
[51] **Int.Cl. 7H01R 13/648 7H01R 13/639**  
[25] EN  
[54] **RECEPTACLE WITH CONDUCTIVE CAVITY INSERTION PIECE INSERTED THEREINTO**  
[54] **PRISE DANS LAQUELLE EST INSEREE UNE PIECE RAPPORTEE CONDUCTRICE**  
[72] DAVID, JAMES J., US  
[72] FUSSELMAN, DAVID F., US  
[71] BERG TECHNOLOGY, INC., US  
[22] 2000-11-08  
[43] 2001-05-10  
[30] US (09/437,374) 1999-11-10

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[21] **2,325,259**  
[13] A1  
[51] **Int.Cl. 7H01R 13/46 7H01R 13/646**  
[25] EN  
[54] **ELECTRICAL CONNECTOR SYSTEM WITH LOW CROSS-TALK**  
[54] **SYSTEME DE CONNEXION ELECTRIQUE AVEC FAIBLE DIAPHONIE**  
[72] WININGS, CLIFFORD L., US  
[71] BERG TECHNOLOGY, INC., US  
[22] 2000-11-08  
[43] 2001-05-12  
[30] US (09/439,657) 1999-11-12

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[21] **2,325,262**  
[13] A1  
[51] **Int.Cl. 7B01J 20/02 7H01M 12/00**  
[25] EN  
[54] **HIGHLY ACTIVATED HYDROGEN CONTAINING MATERIAL AND METHOD FOR PRODUCING THE MATERIAL**  
[54] **MATERIAU FORTEMENT ACTIVE CONTENANT DE L'HYDROGENE ET METHODE DE PRODUCTION DUDIT MATERIAU**  
[72] IZUMI, HIROTO, JP  
[72] KIKUYAMA, HIROHISA, JP  
[72] KOSUGE, AKIYOSHI, JP  
[72] AONO, FUMIAKI, JP  
[72] TABATA, TOSHIHARU, JP  
[71] BENKAN CORPORATION, JP  
[71] STELLA CHEMIFA CORPORATION, JP  
[22] 2000-11-08  
[43] 2001-05-09  
[30] JP (11-318576) 1999-11-09

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[21] **2,325,263**  
[13] A1  
[51] **Int.Cl. 7G06T 5/00 7H04N 1/60**  
[25] EN  
[54] **OPTIMIZATION APPARATUS FOR PHOTOGRAPHIC IMAGE DATA**  
[54] **APPAREIL D'OPTIMISATION DE DONNEES D'IMAGES PHOTOGRAPHIQUES**  
[72] ZOLLIKER, PETER, CH  
[72] KRAFT, WALTER, CH  
[71] GRETAG IMAGING TRADING AG, CH  
[22] 2000-11-07  
[43] 2001-05-11  
[30] DE (199 54 353.4) 1999-11-11  
[30] EP (00 104 491.6) 2000-03-09

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[21] **2,325,270**  
[13] A1  
[51] **Int.Cl. 7B67D 5/34**  
[25] EN  
[54] **HIGH SPEED BEVERAGE DISPENSING METHOD AND APPARATUS**  
[54] **METHODE ET APPAREIL DE DISTRIBUTION DE BOISSONS A GRANDE VITESSE**  
[72] JEZUIT, RICHARD J., JR., US  
[72] CARROLL, DAVID J., US  
[72] PHALLEN, IVER J., US  
[72] MESSING, DAVID C., US  
[72] COMFORT, ROBERT, US  
[72] MCILHAGGA, SCOTT, US  
[72] VOGT, DOUGLAS N., US  
[71] NIAGARA PUMP CORPORATION, US  
[22] 2000-11-09  
[43] 2001-05-09  
[30] US (60/164,671) 1999-11-09

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[21] **2,325,271**  
[13] A1  
[51] **Int.Cl. 7C09D 5/44 7C07D 301/14 7C07D 303/40 7C09D 5/46**  
[25] EN  
[54] **CURABLE COMPOSITION**  
[54] **COMPOSITION POUVANT ETRE DURCIE**  
[72] FRANCOIS, JACQUES, FR  
[72] TENA, MIREILLE, CH  
[72] TURPIN, FRANCOIS, FR  
[72] RICKERT, CHRISTOPH, CH  
[71] VANTICO AG, CH  
[22] 2000-11-08  
[43] 2001-05-10  
[30] CH (2056/99) 1999-11-10

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[21] **2,325,272**  
[13] A1  
[51] **Int.Cl. 7F16B 13/00**  
[25] EN  
[54] **BASE PLATE FOR ATTACHMENT OF A PERFORATED ELEMENT TO A SUPPORT**  
[54] **PLAQUE D'APPUI POUR FIXER UN ELEMENT PERFORE A UN SUPPORT**  
[72] GONNET, LOUIS, FR  
[71] SOCIETE DE PROSPECTION ET D'INVENTIONS TECHNIQUES SPIT, FR  
[22] 2000-11-09  
[43] 2001-05-10  
[30] FR (99 14131) 1999-11-10

**Demandes canadiennes mises à la disponibilité du public**  
**6 mai 2001 - 12 mai 2001**

[21] **2,325,280**  
[13] A1

[51] **Int.Cl. 7E06B 3/72 7E06B 1/26**  
[25] EN  
[54] **PATIO DOOR ASSEMBLY WITH EXTRUDED PLASTICS COMPONENTS**  
[54] **PORTE PANORAMIQUE AVEC COMPOSANTS PROFILES EN PLASTIQUE**  
[72] SIUDZINSKI, PAUL A., US  
[72] COX, DENNIS D., US  
[72] SCHMIDT, DONALD F., US  
[72] HAUBERG, JONATHAN C., US  
[72] STAMMEN, DAVID A., US  
[71] DAYTON TECHNOLOGIES, INC., US  
[22] 2000-11-08  
[43] 2001-05-12  
[30] US (09/439,275) 1999-11-12

[21] **2,325,282**  
[13] A1

[51] **Int.Cl. 7A61K 31/472 7A61P 3/06 7A61K 31/4468 7A61K 31/454**  
[25] EN  
[54] **USE OF APO B SECRETION/MTP INHIBITORS**  
[54] **UTILISATION D'INHIBITEURS DE SECRETION D'APO B ET/OU DE MTP**  
[72] HICKMAN, MARY ANNE, US  
[72] LUNDY, KRISTIN MARIE, US  
[72] MORGAN, BRADLEY PAUL, US  
[71] PFIZER PRODUCTS INC., US  
[22] 2000-11-08  
[43] 2001-05-10  
[30] US (60/164,513) 1999-11-10

[21] **2,325,283**  
[13] A1

[51] **Int.Cl. 7C09C 1/58 7C09D 11/02**  
[25] EN  
[54] **AQUEOUS CARBON BLACK DISPERSIONS**  
[54] **DISPERSIONS AQUEUSES DE NOIR DE CARBONE**  
[72] KALBITZ, WERNER, DE  
[72] KARL, ALFONS, DE  
[72] KLEINHENZ, HORST, DE  
[72] TAUBER, GERD, DE  
[71] DEGUSSA-HULS AKTIENGESELLSCHAFT, DE  
[22] 2000-11-08  
[43] 2001-05-11  
[30] DE (199 54 260.0) 1999-11-11

[21] **2,325,288**  
[13] A1

[51] **Int.Cl. 7F16H 41/26**  
[25] EN  
[54] **TORQUE CONVERTER**  
[54] **CONVERTISSEUR DE COUPLE**  
[72] YOSHIMOTO, TOKUJI, JP  
[72] MAKITA, SEIJI, JP  
[71] YUTAKA GIKEN CO., LTD., JP  
[22] 2000-11-08  
[43] 2001-05-11  
[30] JP (11-320905) 1999-11-11  
[30] JP (11-320906) 1999-11-11  
[30] JP (11-340827) 1999-11-30  
[30] JP (11-340828) 1999-11-30

[21] **2,325,299**  
[13] A1

[51] **Int.Cl. 7B01D 53/22**  
[25] EN  
[54] **AIR SEPARATION MODULE USING A FAST START VALVE FOR FAST WARM UP OF A PERMEABLE MEMBRANE AIR SEPARATION MODULE**  
[54] **MODULE DE SEPARATION D'AIR UTILISANT UNE VANNE A DEMARRAGE RAPIDE POUR RECHAUFFEMENT RAPIDE D'UN MODULE DE SEPARATION D'AIR A MEMBRANE PERMEABLE**  
[72] CROME, VICTOR P., US  
[72] YODER, ALAN J., US  
[71] LITTON SYSTEMS, INC., US  
[22] 2000-11-09  
[43] 2001-05-09  
[30] US (60/164,340) 1999-11-09  
[30] US (09/708,119) 2000-11-08

[21] **2,325,302**  
[13] A1

[51] **Int.Cl. 7G11B 23/03**  
[25] EN  
[54] **DISK CARTRIDGE DEVICE**  
[54] **DISPOSITIF A CARTOUCHE DE DISQUES**  
[72] SANADA, YOTARO, JP  
[72] KUSUI, YOSHIO, JP  
[72] NETSU, NAOHIRO, JP  
[71] SONY CORPORATION, JP  
[22] 2000-11-10  
[43] 2001-05-12  
[30] JP (P11-323227) 1999-11-12

[21] **2,325,303**  
[13] A1

[51] **Int.Cl. 7G02F 1/19**  
[25] EN  
[54] **OPTICAL ELEMENT**  
[54] **ELEMENT OPTIQUE**  
[72] NAKAMURA, KOICHIRO, JP  
[72] YAMAGUCHI, JUN, JP  
[72] KOYAMA, TADASHI, JP  
[72] YAMAMOTO, HIROAKI, JP  
[71] NIPPON SHEET GLASS CO., LTD., JP  
[22] 2000-11-10  
[43] 2001-05-11  
[30] JP (HEI. 11-321057) 1999-11-11  
[30] JP (2000-30837) 2000-02-08

[21] **2,325,305**  
[13] A1

[51] **Int.Cl. 7H05H 1/26**  
[25] EN  
[54] **SEQUENTIAL FEEDSTOCK INJECTOR FOR THERMAL SPRAY TORCHES**  
[54] **INJECTEUR SEQUENTIEL DE CHARGE D'ALIMENTATION POUR CHALUMEAUX DE METALLISATION A CHAUD**  
[72] DELCEA, LUCIAN BOGDAN, CA  
[71] DELCEA, LUCIAN BOGDAN, CA  
[22] 2000-11-09  
[43] 2001-05-10  
[30] US (09/437,341) 1999-11-10

[21] **2,325,309**  
[13] A1

[51] **Int.Cl. 7F25J 3/04**  
[25] EN  
[54] **PROCESS FOR THE DELIVERY OF OXYGEN AT A VARIABLE RATE**  
[54] **METHODE DE DISTRIBUTION D'OXYGENE A DEBIT VARIABLE**  
[72] HERRON, DONN MICHAEL, US  
[72] SMITH, OLIVER JACOB IV, US  
[71] AIR PRODUCTS AND CHEMICALS, INC., US  
[22] 2000-11-02  
[43] 2001-05-09  
[30] US (09/437,896) 1999-11-09

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May 6, 2001 - May 12, 2001

[21] **2,325,313**  
[13] A1  
[51] **Int.Cl. 7F16B 17/00**  
[25] EN  
[54] **A METHOD OF ASSEMBLING A ROTATABLE BAYONET JOINT AND SUCH JOINT**  
[54] **METHODE D'ASSEMBLAGE D'UN JOINT EN BAIONNETTE ROTATIF ET JOINT COMME TEL**  
[72] ROTNE, KLAUS, DK  
[71] INTERLEGO AG, CH  
[22] 2000-11-09  
[43] 2001-05-10  
[30] DK (1999 01621) 1999-11-10

[21] **2,325,319**  
[13] A1  
[51] **Int.Cl. 7A61B 17/70**  
[25] EN  
[54] **SPINE STABILIZATION DEVICE DE LA COLONNE VERTEBRALE**  
[54] **DISPOSITIF DE STABILISATION DE LA COLONNE VERTEBRALE**  
[72] TRIBUS, CLIFFORD B., US  
[72] CROZET, YVES, US  
[72] KELLY, WILLIAM J., US  
[71] TRIBUS, CLIFFORD B., US  
[71] STRYKER, SPINE S.A., FR  
[22] 2000-11-09  
[43] 2001-05-10  
[30] US (09/437,391) 1999-11-10

[21] **2,325,320**  
[13] A1  
[51] **Int.Cl. 7F16H 41/24 7F16H 61/14**  
[25] EN  
[54] **LOCKUP CLUTCH FOR TORQUE CONVERTER**  
[54] **EMBRAYAGE DE PRISE DIRECTE POUR CONVERTISSEUR DE COUPLE**  
[72] YOSHIMOTO, TOKUJI, JP  
[72] INOUE, KOJI, JP  
[71] YUTAKA GIKEN CO., LTD., JP  
[22] 2000-11-09  
[43] 2001-05-11  
[30] JP (11-320907) 1999-11-11

[21] **2,325,321**  
[13] A1  
[51] **Int.Cl. 7C07C 207/00 7C07C 201/00**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF NITROSOBENZENES**  
[54] **PROCEDE DE PREPARATION DE NITROSOBENZENES**  
[72] MEIERS, MICHAELA, DE  
[72] LANGE, WALTER, DE  
[72] GIERA, HENRY, DE  
[72] PIRES, RAUL, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 2000-11-09  
[43] 2001-05-12  
[30] DE (19954396.8) 1999-11-12

[21] **2,325,322**  
[13] A1  
[51] **Int.Cl. 7G10L 19/12**  
[25] EN  
[54] **VOICE CODING AND DECODING APPARATUS AND METHOD THEREOF**  
[54] **APPAREIL DE CODAGE ET DECODAGE DE LA PAROLE ET METHODE CONNEXE**  
[72] OZAWA, KAZUNORI, JP  
[71] NEC CORPORATION, JP  
[22] 2000-11-09  
[43] 2001-05-10  
[30] JP (319534/1999) 1999-11-10

[21] **2,325,325**  
[13] A1  
[51] **Int.Cl. 7C01B 7/07**  
[25] EN  
[54] **METHOD FOR SEPARATING HYDROGEN CHLORIDE AND WATER FROM AN AQUEOUS HYDROGEN CHLORIDE SOLUTION**  
[54] **METHODE POUR SEPARER L'ACIDE CHLORHYDRIQUE ET L'EAU D'UNE SOLUTION AQUEUSE D'ACIDE CHLORHYDRIQUE**  
[72] SUZUTA, TETSUYA, JP  
[72] IWANAGA, KIYOSHI, JP  
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP  
[22] 2000-11-09  
[43] 2001-05-10  
[30] JP (H11-319507) 1999-11-10

[21] **2,325,328**  
[13] A1  
[51] **Int.Cl. 7B21B 37/16**  
[25] EN  
[54] **STRIP THICKNESS CONTROL APPARATUS FOR ROLLING MILL**  
[54] **APPAREIL DE COMMANDE D'EPaisseur DE FEUILLARD POUR LAMINOIR**  
[72] KANAI, TOMOHIRO, JP  
[72] SATO, TAKUMI, US  
[72] TEZUKA, TOMOYUKI, JP  
[72] SEKIGUCHI, KUNIO, JP  
[72] SAWADA, MAMORU, JP  
[72] YASUHIKO, YOJI, JP  
[71] KABUSHIKI KAISHA TOSHIBA, JP  
[22] 2000-11-09  
[43] 2001-05-12  
[30] JP (1999-322392) 1999-11-12

[21] **2,325,333**  
[13] A1  
[51] **Int.Cl. 7C09C 3/08 7C09B 63/00 7C09B 47/04 7C09C 3/10 7C09B 67/20 7C09C 1/24 7C09C 1/36**  
[25] EN  
[54] **SOLID PIGMENT PREPARATIONS FOR COLOURING SEED/SEED-DRESSING MATERIALS**  
[54] **PREPARATIONS SOLIDES DE PIGMENTS POUR COLORER DES GRAINES ET DES MATIERES POUR TRAITER DES GRAINES**  
[72] NYSSSEN, PETER-ROGER, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 2000-11-09  
[43] 2001-05-12  
[30] DE (19954401.8) 1999-11-12

[21] **2,325,335**  
[13] A1  
[51] **Int.Cl. 7C07C 207/00 7C07C 201/00**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF NITROSOBENZENES**  
[54] **PROCEDE DE PREPARATION DE NITROSOBENZENES**  
[72] HUGGER, UWE, DE  
[72] MEIERS, MICHAELA, DE  
[72] GIERA, HENRY, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 2000-11-09  
[43] 2001-05-12  
[30] DE (19954397.6) 1999-11-12

**Demandes canadiennes mises à la disponibilité du public**  
**6 mai 2001 - 12 mai 2001**

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[21] **2,325,336**  
[13] A1

[51] **Int.Cl. 7A23D 9/007 7A23L 1/035**  
[25] EN  
[54] **MICROMILLING PLANT STEROLS AND EMULSIFIERS**  
[54] **MICROMALAXAGE DE STEROLS VEGETAUX ET D'EMULSIFIANTS**  
[72] LIS, DANIEL GERARD, US  
[72] DEWALT, JOHN ANTHONY, US  
[72] OSTERGAARD, SCOTT TODD, US  
[72] GAONKAR, ANILKUMAR GANAPATI, US  
[72] GWARTNEY, ELIZABETH ANN, US  
[72] CASANOVAS, JOHNNY JR., US  
[72] TOPINKA, JOHN BENJAMIN, US  
[72] ROGERS, RICHARD BRINCKMANN, US  
[71] KRAFT FOODS, INC., US  
[22] 2000-11-09  
[43] 2001-05-12  
[30] US (60/165,338-PROV) 1999-11-12  
[30] US (09/543,946) 2000-04-06

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[21] **2,325,337**  
[13] A1

[51] **Int.Cl. 7A61K 35/72 7A61K 9/127**  
[25] EN  
[54] **USE OF LIVE YEAST CELL DERIVATIVE TO TREAT BED SORE PRESSURE ULCERS**  
[54] **UTILISATION D'UN DERIVE DE LEVURE VIVANTE POUR TRAITER DES ESCARRES DE DECUBITUS**  
[72] SHAFFER, BURT, US  
[72] HERNANDEZ, STEVEN, US  
[71] TOPIX PHARMACEUTICALS, INC., US  
[22] 2000-11-09  
[43] 2001-05-10  
[30] US (60/164,895) 1999-11-10

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[21] **2,325,355**  
[13] A1

[51] **Int.Cl. 7H04B 7/185**  
[25] EN  
[54] **METHOD FOR HOMING IN ON A SELECTED SATELLITE, AND A CONTROLLER FOR ORIENTING A ROTATABLE ANTENNA**  
[54] **METHODE DE POINTAGE SUR UN SATELLITE PARTICULIER ET CONTROLEUR PERMETTANT DE REGLER UNE ANTENNE ORIENTABLE**  
[72] RUMMELI, BERND, DE  
[71] RR ELEKTRONISCHE GERÄTE GMBH & CO. KG., DE  
[22] 2000-11-08  
[43] 2001-05-12  
[30] DE (199 54 531.6) 1999-11-12

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[21] **2,325,357**  
[13] A1

[51] **Int.Cl. 7B66B 1/00 7H01R 29/00**  
[25] EN  
[54] **METHOD OF CONFIGURING ELEVATOR CONTROLS**  
[54] **METHODE DE CONFIGURATION DES COMMANDES D'ASCENSEUR**  
[72] HENNEAU, PHILIPPE, CH  
[71] INVENTIO AG, CH  
[22] 2000-11-08  
[43] 2001-05-11  
[30] EP (9 811035.7) 1999-11-11

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[21] **2,325,358**  
[13] A1

[51] **Int.Cl. 7C07D 215/54 7C07D 411/00 7C07D 413/00 7C07D 417/00 7C07D 473/00 7C07D 475/00 7C07D 455/02 7C07D 471/04 7A61P 3/06 7A61P 3/10 7A61P 9/10 7C07D 401/12 7C07D 401/14 7C07D 405/14 7C07D 409/14 7A61P 1/18 7A61K 31/47 7A61K 31/4709 7A61K 31/495 7A61K 31/53 7A61K 31/535 7A61K 31/5377 7A61K 31/54**  
[25] EN  
[54] **7-(4'-TRIFLUOROMETHYL-BIPHENYL-2-CARBONYL) AMINO|QUINOLINE-3-CARBOXYLIC ACID AMIDES, AND METHODS OF INHIBITING THE SECRETION OF APOLIPOPROTEIN B**  
[54] **AMIDES DE L'ACIDE 7-(4'-TRIFLUOROMETHYLBIPHENYL-2-CARBONYL)AMINO|QUINOLEINE-3-CARBOXYLIQUE ET METHODES POUR INHIBER LA SECRETION D'APOLIPOPROTEINE B**  
[72] WILSON, DOUGLAS PAUL, US  
[72] HAMANAKA, ERNEST SEIICHI, US  
[72] BERTINATO, PETER, US  
[72] RUGGERI, ROGER BENJAMIN, US  
[71] PFIZER PRODUCTS INC., US  
[22] 2000-11-08  
[43] 2001-05-10  
[30] US (60/164,803) 1999-11-10  
[30] US (60/224,956) 2000-08-11

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[21] **2,325,363**  
[13] A1

[51] **Int.Cl. 7B01D 35/18 7A61L 2/04 7C02F 1/58**  
[25] EN  
[54] **APPARATUS AND METHOD FOR SANITIZING AND CLEANING A FILTER SYSTEM**  
[54] **APPAREIL ET METHODE D'ASSAINISSEMENT ET DE NETTOYAGE DE SYSTEME DE FILTRATION**  
[72] COSTELLO, MICHAEL G., US  
[72] DELONGE, HARRY C., US  
[72] ASHER, KAREN L., US  
[71] UNITED STATES FILTER CORPORATION, US  
[22] 2000-11-08  
[43] 2001-05-12  
[30] US (09/438,214) 1999-11-12

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[21] **2,325,413**  
[13] A1  
[51] **Int.Cl. 7G07F 17/34 7G06F 19/00**  
[25] EN  
[54] **SLOT MACHINE WITH SYMBOL SAVE FEATURE**  
[54] **MACHINE A SOUS AVEC CARACTERISTIQUE DE SAUVEGARDE DE SYMBOLE**  
[72] CRAWFORD, CURTIS J., US  
[72] JACKSON, JAMES P., US  
[71] SIGMA GAME INC., US  
[22] 2000-11-07  
[43] 2001-05-08  
[30] US (09/436,088) 1999-11-08

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[21] **2,325,414**  
[13] A1  
[51] **Int.Cl. 7H04Q 3/47**  
[25] EN  
[54] **SYSTEM AND METHOD FOR PROCESSING PORTED CALLS**  
[54] **SYSTEME ET METHODE DE TRAITEMENT DES APPELS PORTES**  
[72] WILEY, WILLIAM LYLE, US  
[72] BOLDT, DEAN C., US  
[72] TORREY, JASON P., US  
[71] SPRINT COMMUNICATIONS COMPANY, L.P., US  
[22] 2000-11-07  
[43] 2001-05-08  
[30] US (09/435,565) 1999-11-08

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[21] **2,325,416**  
[13] A1  
[51] **Int.Cl. 7H04M 3/58 7H04Q 7/38**  
[25] EN  
[54] **METHOD OF AND COMPUTER PRODUCT FOR DYNAMICALLY FORWARDING MESSAGES**  
[54] **METHODE ET PRODUIT INFORMATIQUE D'ACHEMINEMENT DYNAMIQUE DE MESSAGES**  
[72] HERZOG, GUNTHER, DE  
[72] REEMTSMA, JAN-HINNERK, DE  
[72] WILHELM, MICHAEL, DE  
[71] ALCATEL, FR  
[22] 2000-11-07  
[43] 2001-05-10  
[30] DE (199 54 016.0) 1999-11-10

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[21] **2,325,430**  
[13] A1  
[51] **Int.Cl. 7G01C 5/00 7G01S 13/88**  
[25] EN  
[54] **METHOD FOR CHECKING AN FM/CW TYPE RADIO ALTIMETER, AND RADIO ALTIMETER DESIGNED FOR THE IMPLEMENTATION OF THIS METHOD**  
[54] **METHODE DE VERIFICATION D'UN RADIOALTIMETRE DE TYPE FM/ONDE ENTRETEENUE ET RADIOALTIMETRE CONCU POUR LA MISE EN APPLICATION DE CETTE METHODE**  
[72] ORLANDI, FABRICE, FR  
[71] THOMSON-CSF, FR  
[22] 2000-11-07  
[43] 2001-05-10  
[30] FR (99 14 138) 1999-11-10

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[21] **2,325,508**  
[13] A1  
[51] **Int.Cl. 7D01G 15/88**  
[25] EN  
[54] **SAWTOOTH WIRE**  
[54] **FIL METALLIQUE EN DENTS DE SCIE**  
[72] GRAF, RALPH A., CH  
[71] GRAF + CIE AG, CH  
[22] 2000-11-08  
[43] 2001-05-10  
[30] EP (99122418.9) 1999-11-10

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[21] **2,325,509**  
[13] A1  
[51] **Int.Cl. 7B65D 47/08**  
[25] EN  
[54] **DISPENSING STOPPER FOR A BOTTLE**  
[54] **BOUCHON DISTRIBUTEUR POUR BOUTEILLE**  
[72] MURAKAMI, YASUHIRO, US  
[71] THE THERMOS COMPANY, US  
[22] 2000-11-08  
[43] 2001-05-10  
[30] US (09/437,995) 1999-11-10

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[21] **2,325,512**  
[13] A1  
[51] **Int.Cl. 7B60C 19/00**  
[25] EN  
[54] **TIRE INSIDE NOISE ABSORBER**  
[54] **AMORTISSEUR DE BRUIT A L'INTERIEUR D'UN PNEU**  
[72] FIDAN, MEHMET SADETTIN, DE  
[72] BRITTON, J. DANIEL, US  
[72] JANELLO, THOMAS ANTHONY, US  
[71] CONTINENTAL GENERAL TIRE, INC., US  
[22] 2000-11-08  
[43] 2001-05-12  
[30] US (60/165,156) 1999-11-12  
[30] US (09/693,572) 2000-10-20

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[21] **2,325,513**  
[13] A1  
[51] **Int.Cl. 7F16K 24/00 7E04B 1/66**  
[25] EN  
[54] **DRAINAGE DEVICE FOR EXTERIOR PANEL SYSTEM**  
[54] **DISPOSITIF D'EVACUATION POUR PANNEAUX EXTERIEURS**  
[72] MITCHELL, JED D., US  
[71] ELWARD SYSTEMS CORPORATION, US  
[22] 2000-11-08  
[43] 2001-05-10  
[30] US (09/437,655) 1999-11-10

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[21] **2,325,516**  
[13] A1  
[51] **Int.Cl. 7E04C 5/16**  
[25] EN  
[54] **CONSTRUCTION CHAIR WITH PLASTIC BASE**  
[54] **CHAISE DE CONSTRUCTION A BASE EN PLASTIQUE**  
[72] COOPER, HENRY R., US  
[71] COOPER, HENRY R., US  
[22] 2000-11-08  
[43] 2001-05-09  
[30] US (09/436,426) 1999-11-09

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**6 mai 2001 - 12 mai 2001**

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[21] **2,325,590**  
[13] A1

[51] **Int.Cl. 7G11B 23/03**  
[25] EN  
[54] **DISK CARTRIDGE DEVICE**  
[54] **DISPOSITIF A CARTOUCHE DE DISQUES**  
[72] SANADA, YOTARO, JP  
[72] KUSUI, YOSHIO, JP  
[72] NETSU, NAOHIRO, JP  
[71] SONY CORPORATION, JP  
[22] 2000-11-10  
[43] 2001-05-12  
[30] JP (P11-323228) 1999-11-12

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[21] **2,325,592**  
[13] A1

[51] **Int.Cl. 7H02M 7/02**  
[25] EN  
[54] **POWER SUPPLY WITH MULTIPLE AC INPUT VOLTAGES**  
[54] **BLOC D'ALIMENTATION AVEC PLUSIEURS TENSIONS C.A. D'ENTREE**  
[72] RAPEANU, RADU, CA  
[71] THOMAS & BETTS INTERNATIONAL, INC., US  
[22] 2000-11-10  
[43] 2001-05-10  
[30] US (60/164,518) 1999-11-10

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[21] **2,325,619**  
[13] A1

[51] **Int.Cl. 7A61K 39/395**  
[25] EN  
[54] **A METHOD FOR PREVENTING AND INHIBITING HUMAN HLA ALLOIMMUNE RESPONSE TO PLATELET TRANSFUSION**  
[54] **METHODE POUR PREVENIR ET INHIBER L'ALLOIMMUNISATION ANTI-HLA HUMAIN LORS DE LA TRANSFUSION DE PLAQUETTES**  
[72] CROW, ANDREW R., CA  
[72] LAZARUS, ALAN H., CA  
[72] FREEDMAN, JOHN, CA  
[72] HANNACH, BARBARA, CA  
[71] CANADIAN BLOOD SERVICES, CA  
[22] 2000-11-10  
[43] 2001-05-12  
[30] US (60/164,777) 1999-11-12

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[21] **2,325,645**  
[13] A1

[51] **Int.Cl. 7G05B 19/418**  
[25] EN  
[54] **ASSEMBLY AND TESTING TRACKING SYSTEM**  
[54] **ASSEMBLAGE ET ESSAI DE SYSTEME DE LOCALISATION**  
[72] ALLARD, JEAN-YVES, CA  
[72] ROCHEFORT, FRANÇOIS, CA  
[72] DEMERS, STÉPHANE, CA  
[71] NORTEL NETWORKS LIMITED, CA  
[22] 2000-11-09  
[43] 2001-05-09  
[30] CA (2,289,346) 1999-11-09  
[30] CA (2,291,396) 1999-12-02

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[21] **2,325,647**  
[13] A1

[51] **Int.Cl. 7H04L 12/16 7G06F 12/14 7H04N 7/16**  
[25] EN  
[54] **METHOD AND APPARATUS FOR BACKGROUND CACHING OF ENCRYPTED PROGRAMMING DATA FOR LATER PLAYBACK**  
[54] **METHODE ET APPAREIL DE MISE EN ANTEMEMOIRE DE FOND DE DONNEES DE PROGRAMMATION CRYPTÉES EN VUE DE LEUR LECTURE ULTERIEURE**  
[72] GASKE, PAUL T., US  
[72] KEPLEY, WALTER R., US  
[72] CASAVANT, SCOTT, US  
[72] JOSEPH, KURIACOSE, US  
[71] HUGHES ELECTRONICS CORPORATION, US  
[22] 2000-11-09  
[43] 2001-05-10  
[30] US (60/164,687) 1999-11-10

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[21] **2,325,648**  
[13] A1

[51] **Int.Cl. 7H05K 13/00**  
[25] EN  
[54] **METHOD OF ASSEMBLING ELECTRICAL AND ELECTRONIC EQUIPMENT**  
[54] **METHODE DE MONTAGE D'EQUIPEMENT ELECTRIQUE ET ELECTRONIQUE**  
[72] PULIZZI, PETER S., US  
[71] PULIZZI ENGINEERING, INC., US  
[22] 2000-11-09  
[43] 2001-05-09  
[30] US (09/436,842) 1999-11-09

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[21] **2,325,653**  
[13] A1

[51] **Int.Cl. 7H01J 49/08**  
[25] EN  
[54] **TETRODE ELECTRON GUN FOR ELECTRON BEAM COLUMNS**  
[54] **CANON ELECTRONIQUE A TETRODE POUR COLONNES DE FAISCEAUX D'ELECTRONS**  
[72] VENEKLASEN, LEE H., US  
[71] ETEC SYSTEMS, INC., US  
[22] 2000-11-09  
[43] 2001-05-10  
[30] US (09/437,811) 1999-11-10

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[21] **2,325,656**  
[13] A1

[51] **Int.Cl. 7C07C 53/08 7C07C 51/12**  
[25] EN  
[54] **PROCESS FOR THE PRODUCTION OF ACETIC ACID**  
[54] **PROCEDE DE PRODUCTION D'ACIDE ACETIQUE**  
[72] WATT, ROBERT JOHN, GB  
[71] BP CHEMICALS LIMITED, GB  
[22] 2000-11-10  
[43] 2001-05-12  
[30] GB (9926855.9) 1999-11-12

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[21] **2,325,661**  
[13] A1

[51] **Int.Cl. 7A61G 13/10 7A61B 19/00**  
[25] EN  
[54] **A JOINTED SUPPORT STRUCTURE**  
[54] **STRUCTURE DE SUPPORT ARTICULE**  
[72] KRAUTER, JOSEF, DE  
[71] GEOMED MEDIZIN-TECHNIK GMBH & CO., DE  
[22] 2000-11-10  
[43] 2001-05-12  
[30] DE (199 54 615.0) 1999-11-12  
[30] EP (00 109 996.9) 2000-05-11

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May 6, 2001 - May 12, 2001

[21] **2,325,671**  
[13] A1

[51] **Int.Cl. 7F16H 47/06**  
[25] EN  
[54] **TRANSMITTING SYSTEM FOR SMALL-SIZED VEHICLE**  
[54] **SYSTEME DE TRANSMISSION POUR PETIT VEHICULE**  
[72] INOUE, KOJI, JP  
[72] YOSHIMOTO, TOKUJI, JP  
[71] YUTAKA GIKEN CO., LTD., JP  
[22] 2000-11-09  
[43] 2001-05-11  
[30] JP (11-320908) 1999-11-11  
[30] JP (11-320909) 1999-11-11

[21] **2,325,672**  
[13] A1

[51] **Int.Cl. 7H01Q 1/32**  
[25] EN  
[54] **VEHICLE GLASS ANTENNA**  
[54] **ANTENNE DE VITRE DE VEHICULE**  
[72] IJIMA, HIROSHI, JP  
[72] OKA, HIDETOSHI, JP  
[71] NIPPON SHEET GLASS CO., LTD., JP  
[22] 2000-11-09  
[43] 2001-05-10  
[30] JP (11-319037) 1999-11-10

[21] **2,325,674**  
[13] A1

[51] **Int.Cl. 7H04L 12/24 7H04L 12/66**  
[25] EN  
[54] **SYSTEM, DEVICE, AND METHOD FOR ALLOCATING VIRTUAL CIRCUITS IN A COMMUNICATION NETWORK**  
[54] **SYSTEME, DISPOSITIF ET METHODE D'ATTRIBUTION DE CIRCUITS VIRTUELS DANS UN RESEAU DE COMMUNICATION**  
[72] BRYDEN, SIMON, FR  
[72] MATTSON, GEOFFREY A., US  
[72] WIGET, MARCEL, FR  
[72] PLUIM, ROBERT, FR  
[71] NORTEL NETWORKS LIMITED, CA  
[22] 2000-11-09  
[43] 2001-05-10  
[30] US (09/437,927) 1999-11-10

[21] **2,325,675**  
[13] A1

[51] **Int.Cl. 7C07C 47/02 7C07C 45/50**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF ALDEHYDES FROM OLEFINS BY HYDROFORMYLATION**  
[54] **PROCEDE DE PREPARATION D'ALDEHYDES A PARTIR D'OLEFINES PAR HYDROFORMYLATION**  
[72] HESS, DIETER, DE  
[72] ROTTGER, DIRK, DE  
[72] BORNER, ARMIN, DE  
[72] SELENT, DETLEF, DE  
[71] OXENO OLEFINCHEMIE GMBH, DE  
[22] 2000-11-10  
[43] 2001-05-12  
[30] DE (199 54 721.1) 1999-11-12

[21] **2,325,676**  
[13] A1

[51] **Int.Cl. 7C07C 47/02 7C07C 45/50**  
[25] EN  
[54] **PROCESS FOR THE CATALYTIC PREPARATION OF ALDEHYDES FROM OLEFINS USING LIGAND MIXTURES**  
[54] **PROCEDE POUR LA PREPARATION CATALYTIQUE D'ALDEHYDES A PARTIR D'OLEFINES A L'AIDE DE PLUSIEURS LIGANDS**  
[72] SELENT, DETLEF, DE  
[72] ROTTGER, DIRK, DE  
[72] HESS, DIETER, DE  
[72] BORNER, ARMIN, DE  
[71] OXENO OLEFINCHEMIE GMBH, DE  
[22] 2000-11-10  
[43] 2001-05-12  
[30] DE (199 54 510.3) 1999-11-12

[21] **2,325,677**  
[13] A1

[51] **Int.Cl. 7G06F 17/60 7H04L 12/16 7G06F 17/30**  
[25] EN  
[54] **SYSTEM TO PROVIDE GARDENERS WITH TIMELY GARDEN CARE INFORMATION SPECIFIC TO THEIR OWN GARDEN**  
[54] **SYSTEME PERMETTANT DE FOURNIR AUX JARDINIERS DES RENSEIGNEMENTS SUR L'ENTRETIEN AU BON MOMENT DE LEURS PROPRES JARDINS**  
[72] MORRISH, MARK, CA  
[71] MORRISH, MARK, CA  
[22] 2000-11-10  
[43] 2001-05-10  
[30] US (60/163,998) 1999-11-10

[21] **2,325,679**  
[13] A1

[51] **Int.Cl. 7G02B 6/13 7G02B 6/122**  
[25] EN  
[54] **METHOD FOR MANUFACTURING POLYMER OPTICAL WAVEGUIDE**  
[54] **METHODE DE FABRICATION D'UN GUIDE D'ONDES OPTIQUES EN MATERIAU POLYMERE**  
[72] SHIODA, TSUYOSHI, JP  
[71] MITSUI CHEMICALS INC., JP  
[22] 2000-11-10  
[43] 2001-05-11  
[30] JP (11-320822) 1999-11-11  
[30] JP (2000-82191) 2000-03-23

[21] **2,325,680**  
[13] A1

[51] **Int.Cl. 7H02M 3/04 7H02H 1/06**  
[25] EN  
[54] **SELF-SUPPLIED DC/DC SWITCHING POWER SUPPLY**  
[54] **ALIMENTATION A DECOUPAGE C.C./C.C. AUTONOME**  
[72] RAPEANU, RADU, CA  
[71] THOMAS & BETTS INTERNATIONAL, INC., US  
[22] 2000-11-10  
[43] 2001-05-10  
[30] US (60/164,517) 1999-11-10

**Demandes canadiennes mises à la disponibilité du public**  
**6 mai 2001 - 12 mai 2001**

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[21] **2,325,682**  
[13] A1

[51] **Int.Cl. 7D21H 27/40 7B31F 1/07**  
[25] EN  
[54] **MULTI-PLY EMBOSSED ABSORBENT PAPER PRODUCTS**  
[54] **PRODUITS DE PAPIER GAUFRE ABSORBANT MULTI-COUCHES**  
[72] GRACYALNY, DALE T., US  
[72] KERSHAW, THOMAS N., US  
[71] FORT JAMES CORPORATION, US  
[22] 2000-11-10  
[43] 2001-05-12  
[30] US (60/165,270) 1999-11-12

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[21] **2,325,683**  
[13] A1

[51] **Int.Cl. 7H01R 43/10**  
[25] EN  
[54] **IMPROVEMENT IN WRAPPED RING TECHNOLOGY FOR MANUFACTURE OF LARGE DIAMETER SLIP RING BASES**  
[54] **AMELIORATION A LA TECHNOLOGIE DES BAGUES ENROULEES POUR LA FABRICATION DE BASES DE BAGUES COLLECTRICES A GROS DIAMETRE**  
[72] DAY, MICHAEL J., US  
[72] BOWMAN, ANTHONY L., US  
[72] COLE, STEPHEN R., US  
[72] LAWSON, GLENN E., US  
[71] LITTON SYSTEMS, INC., US  
[22] 2000-11-10  
[43] 2001-05-12  
[30] US (09/438,403) 1999-11-12

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[21] **2,325,686**  
[13] A1

[51] **Int.Cl. 7D21H 27/02 7B31F 1/07**  
[25] EN  
[54] **SINGLE-PLY EMBOSSED ABSORBENT PAPER PRODUCTS**  
[54] **PRODUITS DE PAPIER GAUFRE ABSORBANT A UNE SEULE COUCHE**  
[72] KERSHAW, THOMAS N., US  
[72] GRACYALNY, DALE T., US  
[71] FORT JAMES CORPORATION, US  
[22] 2000-11-10  
[43] 2001-05-12  
[30] US (60/165,080) 1999-11-12

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[21] **2,325,694**  
[13] A1

[51] **Int.Cl. 7B25B 23/10**  
[25] EN  
[54] **SCREW CATCHER FOR POWER DRIVEN SCREWDRIVERS**  
[54] **PORTE-VIS POUR TOURNEVIS ELECTRIQUES**  
[72] SAWAMURA, KATUROU, JP  
[71] SAWAMURA, KATUROU, JP  
[22] 2000-11-10  
[43] 2001-05-10  
[30] JP (HEI 11-320801) 1999-11-10

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[21] **2,325,701**  
[13] A1

[51] **Int.Cl. 7F04D 27/00 7F04B 49/00 7F04C 29/10**  
[25] EN  
[54] **SYSTEM AND METHOD FOR AUTOMATIC THERMAL PROTECTION OF A FLUID COMPRESSING SYSTEM**  
[54] **SYSTEME ET METHODE DE PROTECTION THERMIQUE AUTOMATIQUE D'UN SYSTEME DE COMPRESSION DE FLUIDE**  
[72] LITTLE, RANDAL A., US  
[71] INGERSOLL-RAND COMPANY, US  
[22] 2000-11-10  
[43] 2001-05-10  
[30] US (60/164,573) 1999-11-10  
[30] US (09/662,810) 2000-09-15

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[21] **2,325,707**  
[13] A1

[51] **Int.Cl. 7C07C 53/08 7C07C 51/12**  
[25] EN  
[54] **PROCESS FOR THE PRODUCTION OF ACETIC ACID**  
[54] **PROCEDE DE PRODUCTION D'ACIDE ACETIQUE**  
[72] LAW, DAVID JOHN, GB  
[72] KEY, LESLEY ANN, GB  
[71] BP CHEMICALS LIMITED, GB  
[22] 2000-11-10  
[43] 2001-05-12  
[30] GB (9926854.2) 1999-11-12

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[21] **2,325,709**  
[13] A1

[51] **Int.Cl. 7C12N 9/14 7C11D 3/386 7C11D 3/395**  
[25] EN  
[54] **PROCESS FOR THE PRODUCTION OF AN ENZYME PREPARATION OF LOW WATER CONTENT**  
[54] **PROCEDE DE PRODUCTION D'UNE PREPARATION D'ENZYME A FAIBLE TENEUR EN EAU**  
[72] PICHLER, WERNER, AT  
[72] SUNDER, MATTHIAS, DE  
[72] RAEHSE, WILFRIED, DE  
[71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE  
[22] 2000-11-10  
[43] 2001-05-10  
[30] DE (199 53 870.0) 1999-11-10

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[21] **2,325,722**  
[13] A1

[51] **Int.Cl. 7H02K 9/04**  
[25] FR  
[54] **DISPOSITIF DE VENTILATION ET MOTEUR ELECTRIQUE DE TRACTION FERROVIAIRE EQUIPE D'UN TEL DISPOSITIF**  
[54] **VENTILATION DEVICE AND RAIL TRACTION ELECTRIC MOTOR EQUIPPED WITH SUCH A DEVICE**  
[72] RAGUIDEAU, JEAN-LUC, FR  
[72] RAGUIN, BRUNO, FR  
[72] MOREL, LUDOVIC, FR  
[71] ALSTOM, FR  
[22] 2000-11-06  
[43] 2001-05-09  
[30] FR (99 14 309) 1999-11-09

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[21] **2,325,723**  
[13] A1

[51] **Int.Cl. 7H01H 33/53 7H01H 9/52**  
[25] FR  
[54] **INTERRUPTEUR DE CENTRALE AVEC ECHANGEUR-RADIATEUR**  
[54] **PLANT SWITCH WITH EXCHANGER-RADIATOR**  
[72] WILLIEME, JEAN-MARC, FR  
[72] BIQUEZ, FRANCOIS, FR  
[71] ALSTOM, FR  
[22] 2000-11-07  
[43] 2001-05-08  
[30] FR (99 13 999) 1999-11-08

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Canadian Laid-Open Applications  
May 6, 2001 - May 12, 2001

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[21] **2,325,727**  
[13] A1  
[51] **Int.Cl. 7A45D 34/04 7A45D 40/26**  
[25] FR  
[54] **ENSEMBLE D'APPLICATION COMPORTANT UN APPLICATEUR POUR UN PRODUIT LIQUIDE, PATEUX OU PULVERULENT COMPRENANT DES POILS CHARGES DE PARTICULES**  
[54] **APPLICATOR ASSEMBLY COMPRISING AN APPLICATOR FOR A LIQUID, PASTE OR PULVERULENT PRODUCT COMPRISING BRISTLES CHARGED WITH PARTICLES**  
[72] GUERET, JEAN-LOUIS H., FR  
[71] L'OREAL, FR  
[22] 2000-11-07  
[43] 2001-05-10  
[30] FR (99 14 149) 1999-11-10

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[21] **2,325,757**  
[13] A1  
[51] **Int.Cl. 7F16H 21/04**  
[25] EN  
[54] **BIDIRECTIONAL DEVICE FOR RECALLING TRANSMISSION ELEMENTS SUCH AS RODS, LEVER, CONNECTING RODS AND THE LIKE**  
[54] **DISPOSITIF BIDIRECTIONNEL POUR LE RAPPEL D'ELEMENTS DE TRANSMISSION TELS QUE TIGES, LEVIERS, BIELLES ET AUTRES DU MEME GENRE**  
[72] ZACCARELLI, PAOLO, IT  
[71] OFFICINE BIEFFEBI S.R.L., IT  
[22] 2000-11-10  
[43] 2001-05-10  
[30] IT (MI99U 677) 1999-11-10

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[21] **2,325,763**  
[13] A1  
[51] **Int.Cl. 7F42B 15/34**  
[25] EN  
[54] **PROCEDURE TO REDUCE THE PRESSURE AND TEMPERATURE ON THE FRONT OF A MISSILE AT ULTRASONIC SPEED**  
[54] **METHODE PERMETTANT DE REDUIRE LA PRESSION ET LA TEMPERATURE A L'EXTREMITÉ AVANT D'UN MISSILE SE DEPLACANT A VITESSE SUPERSONIQUE**  
[72] SRULIJES, JULIO, DE  
[72] RUNNE, KAY, DE  
[71] LFK LENKFLUGKORPERSYSTEME GMBH, DE  
[22] 2000-11-02  
[43] 2001-05-08  
[30] DE (199 53 701.1) 1999-11-08

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[21] **2,325,753**  
[13] A1  
[51] **Int.Cl. 7A63B 63/08**  
[25] EN  
[54] **ADJUSTABLE HEIGHT BASKETBALL BACKBOARD**  
[54] **PANNEAU DE BASKET-BALL A HAUTEUR REGLABLE**  
[72] POHRER, CHRISTOPHER M., US  
[71] AALCO MANUFACTURING COMPANY, US  
[22] 2000-11-10  
[43] 2001-05-12  
[30] US (09/439,730) 1999-11-12

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[21] **2,325,758**  
[13] A1  
[51] **Int.Cl. 7A01D 34/44**  
[25] EN  
[54] **APPARATUS WITH HELICAL BLADES FOR CUTTING GRASS AND THE LIKE, HITCHED TO THE FRONT OF A MOTOR UNIT**  
[54] **APPAREIL A LAMES HELICOIDALES SERVANT A LA COUPE DE GAZON ET AUTRES TACHES DU MEME GENRE, ATTACHE A L'AVANT D'UNE UNITE MOTRICE**  
[72] NEGRI, MAURIZIO, IT  
[71] OFFICINE BIEFFEBI S.R.L., IT  
[22] 2000-11-10  
[43] 2001-05-10  
[30] IT (MI99A 2349) 1999-11-10

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[21] **2,325,767**  
[13] A1  
[51] **Int.Cl. 7H04M 19/08 7H04L 12/40**  
[25] EN  
[54] **POWER SUPPLY FOR ETHRNET LAN CONNECTED TELEPHONE**  
[54] **ALIMENTATION DE RESEAU DE TELEPHONE CONNECTE EN RL ETHERNET**  
[72] HATCHELL, ANN, CA  
[72] ODDY, DOUGLAS, CA  
[72] MOSS, GAYLE, CA  
[71] MITEL CORPORATION, CA  
[22] 2000-11-10  
[43] 2001-05-12  
[30] GB (9926913.6) 1999-11-12

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[21] **2,325,754**  
[13] A1  
[51] **Int.Cl. 7F25J 3/04**  
[25] EN  
[54] **CRYOGENIC SYSTEM FOR PRODUCING ENRICHED AIR**  
[54] **SYSTEME CRYOGENIQUE POUR LA PRODUCTION D'AIR ENRICHI**  
[72] SHAH, MINISH MAHENDRA, US  
[72] DRNEVICH, RAYMOND FRANCIS, US  
[71] PRAXAIR TECHNOLOGY, INC., US  
[22] 2000-11-10  
[43] 2001-05-12  
[30] US (09/438,921) 1999-11-12

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[21] **2,325,761**  
[13] A1  
[51] **Int.Cl. 7E21B 43/08**  
[25] EN  
[54] **DOWNHOLE SCREEN WITH TUBULAR BYPASS**  
[54] **PASSOIRE DE Puits DE FORAGE AVEC TUBE DE MISE EN DERIVATION**  
[72] BROOME, JOHN T., US  
[72] HALL, BOBBY E., US  
[72] VOLL, BENN A., US  
[72] PETERSON, ELMER R., US  
[72] BAYCROFT, PERRY D., US  
[71] BAKER HUGHES INCORPORATED, US  
[22] 2000-11-10  
[43] 2001-05-12  
[30] US (09/439,797) 1999-11-12

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[21] **2,325,780**  
[13] A1  
[51] **Int.Cl. 7B41J 13/03 7B65H 5/06**  
[25] EN  
[54] **METHOD AND APPARATUS FOR LIMITING TORQUE IN A FEEDER**  
[54] **METHODE ET APPAREIL POUR LIMITER LE COUPLE DANS UN DISPOSITIF D'ALIMENTATION**  
[72] SETTE, PAUL R., US  
[72] PRITCHETT, WAYNE W., US  
[72] SLOAN, RICHARD A., JR., US  
[72] KULPA, WALTER J., US  
[71] PITNEY BOWES INC., US  
[22] 2000-11-10  
[43] 2001-05-12  
[30] US (09/439,597) 1999-11-12

**Demandes canadiennes mises à la disponibilité du public**  
**6 mai 2001 - 12 mai 2001**

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[21] **2,325,782**  
[13] A1

[51] **Int.Cl. 7A47J 45/10 7A41D 19/015**  
[25] EN  
[54] **MULTIPURPOSE IMPLEMENT FOR KITCHEN USE**  
[54] **ARTICLE DE CUISINE POLYVALENT**  
[72] DUNCAN, DAVID, US  
[71] DUNCAN, DAVID, US  
[22] 2000-11-10  
[43] 2001-05-12  
[30] US (09/439,062) 1999-11-12

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[21] **2,325,813**  
[13] A1

[51] **Int.Cl. 7B21D 11/10**  
[25] EN  
[54] **COLD STEEL CAMBERING APPARATUS AND METHOD**  
[54] **APPAREIL ET METHODE DE CINTRAGE D'ACIER FORGE**  
[72] LEFTWICH, WILLIAM B., US  
[71] BANKS CORPORATION, US  
[22] 2000-11-14  
[43] 2001-05-12  
[30] US (60/165,159) 1999-11-12

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[21] **2,325,866**  
[13] A1

[51] **Int.Cl. 7B01J 23/40 7B01J 27/128 7C10G 45/46 7B01J 23/74**  
[25] FR  
[54] **CATALYSEUR FLUORE COMPRENANT UN METAL DU GROUPE VIII ET UN METAL ADDITIONEL ET SON UTILISATION POUR L'HYDROGENATION DE COMPOSES AROMATIQUES EN PRESENCE DE COMPOSES SOUFRES**  
[54] **FLUORINATED CATALYST COMPRISING A GROUP VIII METAL AND AN ADDITIONAL METAL AND UTILIZATION THEREOF FOR HYDROGENATION OF AROMATIC COMPOUNDS IN THE PRESENCE OF SULFUR COMPOUNDS**  
[72] MARCHAL-GEORGE, NATHALIE, FR  
[72] KASZTELAN, SLAVIK, FR  
[71] INSTITUT FRANCAIS DU PETROLE, FR  
[22] 2000-11-07  
[43] 2001-05-10  
[30] FR (99 14 140) 1999-11-10  
[30] FR (99 14 141) 1999-11-10  
[30] FR (99 14 143) 1999-11-10

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[21] **2,325,867**  
[13] A1

[51] **Int.Cl. 7B60L 5/00**  
[25] FR  
[54] **ENSEMBLE DE CAPTAGE DE COURANT ET VEHICULE FERROVIAIRE CORRESPONDANT**  
[54] **CURRENT COLLECTOR ASSEMBLY AND ASSOCIATED RAIL VEHICLE**  
[72] BENARD, ERIC, FR  
[72] HAZARD, LAURENT, FR  
[71] ALSTOM, FR  
[22] 2000-11-07  
[43] 2001-05-10  
[30] FR (99 14 165) 1999-11-10

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[21] **2,325,868**  
[13] A1

[51] **Int.Cl. 7B60L 5/00**  
[25] FR  
[54] **ENSEMBLE COMPRENANT UN PREMIER CHASSIS ET UN DEUXIEME CHASSIS PENDULANT LATERALEMENT PAR RAPPORT AU PREMIER CHASSIS, ET VEHICULE FERROVIAIRE CORRESPONDANT**  
[54] **ASSEMBLY COMPRISING A FIRST CHASSIS AND A SECOND CHASSIS HANGING LATERALLY WITH RESPECT TO THE FIRST CHASSIS, AND ASSOCIATED RAIL VEHICLE**  
[72] FRIOT, LAURENT, FR  
[72] HAZARD, LAURENT, FR  
[72] BENARD, ERIC, FR  
[71] ALSTOM, FR  
[22] 2000-11-07  
[43] 2001-05-10  
[30] FR (99 14 168) 1999-11-10

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[21] **2,325,870**  
[13] A1

[51] **Int.Cl. 7B64D 45/00 7E05C 19/14**  
[25] FR  
[54] **INDICATEUR DE DEFAUT DE FERMETURE, NOTAMMENT POUR DES CAPOTS DE NACELLE D'UN MOTEUR D'AVION**  
[54] **INDICATOR OF FAILURE TO CLOSE, NAMELY FOR AIRCRAFT ENGINE NACELLE COWLINGS**  
[72] DE CARVALHO, ERIC, FR  
[72] DELMAS, ERIC, FR  
[71] AEROSPATIALE MATRA AIRBUS, FR  
[22] 2000-11-08  
[43] 2001-05-10  
[30] FR (99 14121) 1999-11-10

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[21] **2,325,872**  
[13] A1

[51] **Int.Cl. 7B41M 5/035**  
[25] FR  
[54] **PROCEDE POUR APPLIQUER UN DECOR SUR UN ARTICLE**  
[54] **PROCESS FOR APPLYING DECORATION ON AN ARTICLE**  
[72] ROUSSELET, GUILHEM, FR  
[71] L'OREAL, FR  
[22] 2000-11-08  
[43] 2001-05-09  
[30] FR (99 14 057) 1999-11-09

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[21] **2,325,889**  
[13] A1

[51] **Int.Cl. 7A61K 7/021**  
[25] FR  
[54] **COMPOSITION COMPRENANT UNE SUBSTANCE FLUORESCENTE ET UNE CHARGE PARTICULIERE, UTILISATIONS**  
[54] **COMPOSITION COMPRISING A FLUORESCENT SUBSTANCE AND A SPECIFIC CHARGE, USES**  
[72] COLLETTE, ANNICK, FR  
[72] LEMANN, PATRICIA, FR  
[72] SIMON, JEAN-CHRISTOPHE, FR  
[71] L'OREAL, FR  
[22] 2000-11-09  
[43] 2001-05-12  
[30] FR (99 14 225) 1999-11-12

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[21] **2,325,890**  
[13] A1

[51] **Int.Cl. 7C25C 7/00**  
[25] FR  
[54] **INSTALLATION ET PROCEDE DE DISSOLUTION ELECTROLYTIQUE PAR OXYDATION D'UN METAL**  
[54] **FACILITY AND PROCESS FOR ELECTROLYTIC DISSOLUTION BY OXIDATION OF A METAL**  
[72] FRITZINGER, BERNARD, FR  
[72] SARDOY, MARC, FR  
[71] USINOR, FR  
[22] 2000-11-10  
[43] 2001-05-12  
[30] FR (99 14 186) 1999-11-12

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Canadian Laid-Open Applications  
May 6, 2001 - May 12, 2001

[21] 2,325,892

[13] A1

[51] Int.Cl. 7C22C 38/18 7C22C 38/38

[25] FR

[54] **PROCEDE DE REALISATION D'UNE BANDE DE TOLE LAMINEE A CHAUD A TRES HAUTE RESISTANCE, UTILISABLE POUR LA MISE EN FORME ET NOTAMMENT POUR L'EMBOUTISSAGE**

[54] **PROCESS FOR PRODUCING HIGH RESISTANCE ROLLED METAL SHEET SUITABLE FOR FORMING AND CUPPING**

[72] MARTEAU, CHRISTIAN, FR

[72] GIRAUD, CHRISTIAN, FR

[72] ISSARTEL, CHRISTOPHE, FR

[71] USINOR, FR

[22] 2000-11-14

[43] 2001-05-12

[30] FR (99 14187) 1999-11-12

[21] 2,325,917

[13] A1

[51] Int.Cl. 7E21B 47/16

[25] EN

[54] **METHOD AND APPARATUS FOR DEPLOYMENT, MOUNTING AND COUPLING OF DOWNHOLE GEOPHONES**

[54] **METHODE ET APPAREILLAGE POUR LE DEPLOIEMENT, LE MONTAGE ET LE COUPLAGE DE GEOPHONES DE Puits DE FORAGE**

[72] BUSSEAR, TERRY R., US

[72] NORRIS, MICHAEL W., US

[71] BAKER HUGHES INCORPORATED, US

[22] 2000-11-14

[43] 2001-05-12

[30] US (60/165,272) 1999-11-12

[21] 2,325,977

[13] A1

[51] Int.Cl. 7A63B 21/00

[25] EN

[54] **MULTIPLE EXERCISE DEVICE**

[54] **DISPOSITIF D'EXERCICES MULTIPLES**

[72] KENNEDY, ROBERT D., CA

[71] KENNEDY, ROBERT D., CA

[22] 2000-11-14

[43] 2001-05-12

[30] US (09/438,580) 1999-11-12

[21] 2,326,409

[13] A1

[51] Int.Cl. 7A61M 25/01

[25] EN

[54] **INJECTION CATHETER**

[54] **CATHETER A PERFUSION**

[72] PONZI, DEAN, US

[71] BIOSENSE WEBSTER, INC., US

[22] 2000-11-10

[43] 2001-05-12

[30] US (60/165,354) 1999-11-12

[30] US (09/562,611) 2000-05-01

[30] US (09/562,612) 2000-05-01

[30] US (09/563,769) 2000-05-01

[21] 2,326,705

[13] A1

[51] Int.Cl. 7F16C 3/06

[25] EN

[54] **CRANK SYSTEM WITH SINUSOIDAL PISTON MOTION**

[54] **SYSTEME DE MANIVELLES ADAPTE A UN MOUVEMENT SINUSOIDAL DES PISTONS**

[72] BARSKI, WOJCIECH GRZEGORZ, CA

CA

[71] BARSKI, WOJCIECH GRZEGORZ, CA

CA

[22] 2000-12-20

[43] 2001-05-07

[21] 2,333,867

[13] A1

[51] Int.Cl. 7B63H 19/00

[25] EN

[54] **ENVIRONMENTAL EFFICIENT ENERGY BOAT PROCESS**

[54] **PROCEDE PERMETTANT L'UTILISATION DES BATEAUX DE**

**FACON ECOLOGIQUE ET**

**ECONERGETIQUE**

[72] KOHN, ANDREW FRED, CA

[71] KOHN, ANDREW FRED, CA

[22] 2001-02-26

[43] 2001-05-06

[21] 2,335,191

[13] A1

[51] Int.Cl. 7B24B 23/00

[25] EN

[54] **NU-GRIND**

[54] **MEULEUSE « NU-GRIND »**

[72] SEABROOKE, BILL, CA

[71] SEABROOKE, BILL, CA

[22] 2001-02-27

[43] 2001-05-12

# PCT Applications Entering the National Phase

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[21] **2,319,572**  
[13] A1

[51] **Int.Cl. 6G10D 3/16**  
[25] EN  
[54] **A PLECTRUM AUXILIARY DEVICE FOR STRING MUSICAL INSTRUMENTS**  
[54] **DISPOSITIF PORTE-PLECTRE POUR INSTRUMENTS DE MUSIQUE A CORDES**  
[72] SANDER, NOAM, IL  
[71] PRO MUSIC DEVELOPMENTS LTD., IL  
[85] 2000-08-03  
[86] 1999-02-03 (PCT/IL99/00068)  
[87] 1999-08-12 (WO99/40565)  
[30] IL (123176) 1998-02-04

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[21] **2,320,342**  
[13] A1

[51] **Int.Cl. 7C10L 1/32 7B01F 5/10**  
[25] FR  
[54] **PROCEDE DE PREPARATION D'UN COMBUSTIBLE EMULSIONNE ET SON DISPOSITIF DE MISE EN OEUVRE**  
[54] **METHOD FOR PREPARING AN EMULSIFIED FUEL AND IMPLEMENTING DEVICE**  
[72] MAGNIN, CESAR, FR  
[72] PRUDHOMME, JEAN-BERNARD, FR  
[72] SCHULZ, PHILIPPE, FR  
[71] ELF ANTAR FRANCE, FR  
[85] 2000-08-07  
[86] 1999-12-08 (PCT/FR99/03055)  
[87] 2000-06-15 (WO00/34419)  
[30] FR (98/15625) 1998-12-08

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[21] **2,320,343**  
[13] A1

[51] **Int.Cl. 7H03H 3/08 7H03H 9/05**  
[25] FR  
[54] **COMPOSANT A ONDES DE SURFACE ENCAPSULE ET PROCEDE DE FABRICATION COLLECTIVE**  
[54] **ENCAPSULATED SURFACE WAVE COMPONENT AND COLLECTIVE METHOD FOR MAKING SAME**  
[72] BIDARD, AGNES, FR  
[72] BUREAU, JEAN-MARC, FR  
[71] THOMSON-CSF, FR  
[85] 2000-08-07  
[86] 1999-12-07 (PCT/FR99/03036)  
[87] 2000-06-15 (WO00/35085)  
[30] FR (98/15478) 1998-12-08

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[21] **2,320,344**  
[13] A1

[51] **Int.Cl. 6C08G 63/60 6C09D 167/02 6C08G 63/16**  
[25] FR  
[54] **POLYESTER CONTENANT DES GROUPES CARBOXYLE TERTIAIRES, SON PROCEDE DE PREPARATION ET COMPOSITIONS THERMODURCISSABLES EN POWDRE LE CONTENANT**  
[54] **POLYESTER CONTAINING TERTIARY CARBOXYL GROUPS, PREPARATION METHOD AND THERMOSETTING POWDER COMPOSITIONS CONTAINING SAME**  
[72] MOENS, LUC, BE  
[72] BUYSSENS, KRIS, BE  
[72] MAETENS, DANIEL, BE  
[71] UCB S.A., BE  
[85] 2000-08-07  
[86] 1999-02-03 (PCT/BE99/00015)  
[87] 1999-08-12 (WO99/40143)  
[30] BE (9800093) 1998-02-09

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[21] **2,330,730**  
[13] A1

[51] **Int.Cl. 7C12N 15/10 6C12N 5/10 6C12N 15/11 7C12N 15/29 7C12P 19/34 6C12N 15/67 6C12N 15/82 7C12N 15/82**  
[25] EN  
[54] **MATERIALS AND METHODS FOR AMPLIFYING AND ENHANCED TRANSCRIBING OF POLYNUCLEOTIDES IN PLANTS AND PORTIONS THEREOF**  
[54] **MATERIELS ET METHODES D'AMPLIFICATION ET DE TRANSCRIPTION AMELIOREES DE POLYNUCLEOTIDES DANS DES PLANTES OU DES PARTIES DE CELLES-CI**  
[72] RASKIN, ILYA, US  
[72] BORYSYUK, LYUDMYLA, US  
[72] BORYSYUK, MYKOLA, US  
[71] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US  
[85] 2000-12-15  
[86] 1999-06-15 (PCT/US99/13361)  
[87] 1999-12-23 (WO99/66058)  
[30] US (09/097,541) 1998-06-15

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[21] **2,334,588**  
[13] A1

[51] **Int.Cl. 7A61M 5/142**  
[25] EN  
[54] **PATIENT-CONTROLLED DRUG ADMINISTRATION DEVICE**  
[54] **DISPOSITIF D'AUTO-ADMINISTRATION D'UN MEDICAMENT A LA DEMANDE**  
[72] MCPHEE, CHARLIE J., US  
[71] I-FLOW CORPORATION, US  
[85] 2000-12-07  
[86] 1999-06-08 (PCT/US99/12852)  
[87] 1999-12-16 (WO99/64090)  
[30] US (09/094,111) 1998-06-09

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[21] **2,335,230**  
[13] A1

[51] **Int.Cl. 7C12N 15/37 7C07K 14/025 7A61K 38/16 7G01N 33/50**  
[25] EN  
[54] **REGIONS OF PAPILLOMA VIRUS E1 HELICASE INVOLVED IN E1 OLIGOMERIZATION**  
[54] **REGIONS DE L'HELICASE E1 DE PAPILLOMAVIRUS IMPLIQUEES DANS L'OLIGOMERISATION DE E1**  
[72] ARCHAMBAULT, JACQUES, CA  
[71] BOEHRINGER INGELHEIM (CANADA) LTD., CA  
[85] 2001-01-16  
[86] 1999-07-30 (PCT/CA99/00657)  
[87] 2000-02-03 (WO00/05380)  
[30] US (60/093,626) 1998-07-21

[21] **2,335,344**  
[13] A1

[51] **Int.Cl. 7C12N 15/15 7C12N 5/10 7C12N 1/19 7C12N 1/21 7C07K 14/81**  
[25] EN  
[54] **PRODUCTION AND USE OF MODIFIED CYSTATINS**  
[54] **PRODUCTION ET UTILISATION DE CYSTATINES MODIFIEES**  
[72] OGAWA, MASAHIRO, CA  
[72] NAKAMURA, SOICHIRO, JP  
[72] NAKAI, SHURYO, CA  
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA  
[85] 2001-01-18  
[86] 1999-08-05 (PCT/CA99/00717)  
[87] 2000-02-17 (WO00/08159)  
[30] US (60/095,503) 1998-08-05

[21] **2,335,345**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C12N 5/10 7A61K 38/17 7C07K 16/18 7C07K 14/47 7C12Q 1/68**  
[25] EN  
[54] **HUMAN CALCIUM REGULATORY PROTEINS**  
[54] **PROTEINES HUMAINES DE REGULATION DU CALCIUM**  
[72] CORLEY, NEIL C., US  
[72] BAUGHN, MARIAH R., US  
[72] GUEGLER, KARL J., US  
[72] TANG, Y. TOM, US  
[72] BANDMAN, OLGA, US  
[72] JUNMING, YANG, US  
[71] INCYTE PHARMACEUTICALS, INC., US  
[85] 2001-01-18  
[86] 1999-07-19 (PCT/US99/12385)  
[87] 2000-02-03 (WO00/05368)  
[30] US (60/160,076) 1998-07-20

[21] **2,335,643**  
[13] A1

[51] **Int.Cl. 6A61K 38/00 6A61K 48/00 6C07K 14/00 6C07K 16/00 6C12N 15/11 6C12N 15/16 6G01N 33/53 6C12N 15/63**  
[25] EN  
[54] **C7F2-A NOVEL POTASSIUM CHANNEL .BETA.-SUBUNIT**  
[54] **NOUVELLE SOUS-UNITE BETA DU CANAL A POTASSIUM, C7F2-A**  
[72] CURTIS, RORY, US  
[72] GLUCKSMANN, MARIA ALEXANDRA, US  
[71] MILLENNIUM PHARMACEUTICALS, INC., US  
[85] 2001-01-16  
[86] 1999-07-27 (PCT/US99/16949)  
[87] 2000-02-10 (WO00/06183)  
[30] US (09/123,020) 1998-07-27

[21] **2,337,102**  
[13] A1

[51] **Int.Cl. 7C12N 15/31 7A61K 39/09 7C12N 15/10 7C07K 16/12 7C12N 9/16 7C12N 1/19 7C12N 1/21 7C07K 14/315 7G01N 33/53 7C12N 15/62 7G01N 33/68 7C12Q 1/68 7A61K 31/70 7C12N 15/74**  
[25] EN  
[54] **NUCLEIC ACIDS AND PROTEINS FROM GROUP B STREPTOCOCCUS**  
[54] **ACIDES NUCLEIQUES ET PROTEINES DE STREPTOCOCCUS GROUPE B**  
[72] WELLS, JEREMY MARK, GB  
[72] HANNIFFY, SEAN BOSCO, GB  
[72] LE PAGE, RICHARD WILLIAM FALLA, GB  
[71] MICROBIAL TECHNICS LIMITED, GB  
[85] 2001-01-23  
[86] 1999-07-27 (PCT/GB99/02444)  
[87] 2000-02-10 (WO00/06736)  
[30] GB (9816335.5) 1998-07-27  
[30] US (60/125,163) 1999-03-19

[85] 2001-01-23  
[86] 1999-07-27 (PCT/GB99/02444)  
[87] 2000-02-10 (WO00/06736)  
[30] GB (9816335.5) 1998-07-27  
[30] US (60/125,163) 1999-03-19

[21] **2,337,666**  
[13] A1

[51] **Int.Cl. 7C12N 9/16**  
[25] EN  
[54] **MAP KINASE PHOSPHATASE MUTANT**  
[54] **PHOSPHATASE MUTANTE DE PROTEINE-KINASE ASSOCIEE AUX MEMBRANES**  
[72] PASZOWSKI, JERZY, US  
[72] REVENKOVA, EKATERINA, US  
[71] SYNGENTA PARTICIPATIONS AG, CH  
[85] 2001-01-29  
[86] 1999-07-28 (PCT/EP99/05413)  
[87] 2000-02-10 (WO00/06706)  
[30] GB (9816639.0) 1998-07-30

[21] **2,337,667**  
[13] A1

[51] **Int.Cl. 7A61K 47/48 7A61K 38/17**  
[25] EN  
[54] **DEXTRAN-LEPTIN CONJUGATES, PHARMACEUTICAL COMPOSITIONS AND RELATED METHODS**  
[54] **CONJUGUES DEXTRANE-LEPTINE, COMPOSITIONS PHARMACEUTIQUES ET METHODES CONNEXES**  
[72] LITZINGER, DAVID C., US  
[71] AMGEN INC., US  
[85] 2001-02-01  
[86] 1999-08-10 (PCT/US99/18129)  
[87] 2000-02-24 (WO00/09165)  
[30] US (60/096,194) 1998-08-10  
[30] US (09/370,684) 1999-08-09

[21] **2,337,743**  
[13] A1

[51] **Int.Cl. 6C07K 14/82 6A61K 39/00 6C07K 7/00 6C12N 15/00**  
[25] EN  
[54] **CANCER ANTIGENS BASED ON TUMOR SUPPRESSOR GENE WT1 PRODUCT**  
[54] **ANTIGENES CONTRE LE CANCER A BASE D'UN PRODUIT DU GENE SUPPRESSEUR DE TUMEUR WT1**  
[72] OKA, YOSHIHIRO, JP  
[72] SUGIYAMA, HARUO, JP  
[71] SUGIYAMA, HARUO, JP  
[85] 2001-01-30  
[86] 1999-07-30 (PCT/JP99/04130)  
[87] 2000-02-10 (WO00/06602)  
[30] JP (10/218093) 1998-07-31

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[21] **2,337,754**  
[13] A1  
[51] **Int.Cl. 7C12N 15/30 7A61K 39/015 7A61P 33/06 7C07K 16/20 7C07K 14/445 7G01N 33/569 7C12N 15/62**  
[25] EN  
[54] **RECOMBINANT MULTIVALENT MALARIAL VACCINE AGAINST PLASMODIUM FALCIPARUM**  
[54] **VACCIN ANTI-PALUDEEN RECOMBINANT MULTIVALENT DIRIGE CONTRE PLASMODIUM FALCIPARUM**  
[72] LAL, ALTAF A., US  
[72] SHI, YA PING, US  
[72] HASNAIN, SEYED E., IN  
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, REPRESENTED BY THE SECRE, US  
[85] 2001-02-02  
[86] 1999-08-19 (PCT/US99/18869)  
[87] 2000-03-02 (WO00/11179)  
[30] US (60/097,703) 1998-08-21

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[21] **2,337,755**  
[13] A1  
[51] **Int.Cl. 7C07D 277/48 7A61K 31/4168 7A61K 31/421 7A61K 31/426 7C07D 263/48 7C07D 233/88**  
[25] EN  
[54] **INHIBITORS OF P38**  
[54] **INHIBITEURS DE P38**  
[72] SALITURO, FRANCESCO, US  
[72] COCHRAN, JOHN, US  
[72] BEMIS, GUY, US  
[71] VERTEX PHARMACEUTICALS INCORPORATED, US  
[85] 2001-02-01  
[86] 1999-09-16 (PCT/US99/21337)  
[87] 2000-03-30 (WO00/17175)  
[30] US (60/100,972) 1998-09-18

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[21] **2,338,015**  
[13] A1  
[51] **Int.Cl. 6C12N 15/11 6C12Q 1/68**  
[25] EN  
[54] **GENES FOR DETECTING BACTERIA AND DETECTION METHOD BY USING THE SAME**  
[54] **GENES POUR LA DETECTION DE BACTERIES ET PROCEDE DE DETECTION UTILISANT CE GENE**  
[72] OGATA, TOMOO, JP  
[72] SAKAI, KAZUHISA, JP  
[72] MOTOYAMA, YASUO, JP  
[71] ASAHI BREWERIES, LTD., JP  
[85] 2001-01-31  
[86] 1999-08-11 (PCT/JP99/04341)  
[87] 2000-02-24 (WO00/09683)  
[30] JP (10/227177) 1998-08-11

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[21] **2,338,382**  
[13] A1  
[51] **Int.Cl. 7C12N 15/86 7A61K 48/00**  
[25] EN  
[54] **HERPESVIRAL VECTORS FOR GENE DELIVERY**  
[54] **VECTEURS D'HERPESVIRUS UTILISES POUR L'APPORT DE GENES**  
[72] LACHMANN, ROBIN HENRY, GB  
[72] SCARPINI, CINZIA GIUSEPPINA, GB  
[72] EFSTATHIOU, STACEY, GB  
[71] CAMBRIDGE UNIVERSITY TECHNICAL SERVICES LIMITED, GB  
[85] 2001-01-30  
[86] 1999-08-02 (PCT/GB99/02538)  
[87] 2000-02-17 (WO00/08192)  
[30] GB (9816775.2) 1998-07-31

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[21] **2,338,383**  
[13] A1  
[51] **Int.Cl. 7C12N 15/05 7A01H 5/00 7A01H 3/04 7C12N 15/09 7C12N 15/62 7C12N 15/82**  
[25] EN  
[54] **METHOD FOR SELECTIVE AND OPTIONALLY REVERSIBLE DEGENERATION OF SOMATIC PLANT TISSUE**  
[54] **PROCEDE DE DEGENERESCENCE SELECTIVE ET EVENTUELLEMENT REVERSIBLE D'UN TISSU VEGETAL SOMATIQUE**  
[72] GINZBERG, IDIT, IL  
[72] KAPULNIK, YORAM, IL  
[71] AGRICULTURAL RESEARCH ORGANIZATION, IL  
[85] 2001-02-02  
[86] 1999-07-30 (PCT/IL99/00420)  
[87] 2000-02-17 (WO00/07427)  
[30] IL (125632) 1998-08-03

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[21] **2,338,384**  
[13] A1  
[51] **Int.Cl. 7C07K 14/28 7A61P 37/02 7A61K 39/108 7A61K 39/112 7C07K 14/245 7G01N 33/68**  
[25] EN  
[54] **PEPTIDE FRAGMENTS OF CHOLERA TOXIN B OR ENTEROTOXIN B AS VACCINE ADJUVANTS**  
[54] **FRAGMENTS PEPTIDIQUES DE LA TOXINE B OU DE L'ENTEROTOXINE B DU CHOLERA, ADJUVANTS DE VACCINS**  
[72] HIRST, TIMOTHY RAYMOND, GB  
[72] WILLIAMS, NEIL ANDREW, GB  
[71] UNIVERSITY OF BRISTOL, GB  
[85] 2001-02-05  
[86] 1999-09-07 (PCT/GB99/02970)  
[87] 2000-03-16 (WO00/14114)  
[30] GB (9819484.8) 1998-09-07

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[21] **2,338,385**  
[13] A1  
[51] **Int.Cl. 7C12N 15/12 7A61K 38/17 7C07K 16/18 7C07K 16/28 7C07K 14/47 7C12Q 1/68 7C07K 14/705 7C07K 14/72**  
[25] EN  
[54] **HUMAN RECEPTOR-ASSOCIATED PROTEINS**  
[54] **PROTEINES ASSOCIEES A UN RECEPTEUR HUMAIN**  
[72] CORLEY, NEIL C., US  
[72] BAUGHN, MARIAH R., US  
[72] GUEGLER, KARL J., US  
[72] GORGONE, GINA A., US  
[72] TANG, Y. TOM, US  
[72] LAL, PREETI, US  
[72] YUE, HENRY, US  
[72] HILLMAN, JENNIFER L., US  
[71] INCYTE PHARMACEUTICALS, INC., US  
[85] 2001-02-06  
[86] 1999-08-06 (PCT/US99/17777)  
[87] 2000-02-17 (WO00/08155)  
[30] US (60/160,065) 1998-08-07  
[30] US (60/098,703) 1998-09-01

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[21] **2,338,885**  
[13] A1

[51] **Int.Cl. 7C07K 14/46 7C07K 7/08 7A61K 38/10 7A61K 38/17**  
[25] EN  
[54] **ANTIMICROBIAL PEPTIDES ISOLATED FROM THE SKIN OF AMERICAN FROGS**  
[54] **PEPTIDES ANTIMICROBIENS ISOLES A PARTIR DE LA PEAU DE GRENOUILLES AMERICAINES**  
[72] CONLON, J. MICHAEL, US  
[71] CONLON, J. MICHAEL, US  
[71] BIONEBRASKA, INC., US  
[85] 2001-02-13  
[86] 1999-08-13 (PCT/US99/18575)  
[87] 2000-02-24 (WO00/09553)  
[30] US (60/096,607) 1998-08-14

[21] **2,339,086**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 38/17 7C07K 16/18 7C07K 14/47 7C12Q 1/68**  
[25] EN  
[54] **DNA REPLICATION- AND REPAIR-ASSOCIATED PROTEINS**  
[54] **PROTEINES ASSOCIEES A LA REPARATION ET A LA REPLICATION D'ADN HUMAIN**  
[72] TANG, Y. TOM, US  
[72] YUE, HENRY, US  
[72] CORLEY, NEIL C., US  
[72] GUEGLER, KARL J., US  
[72] BAUGHN, MARIAH R., US  
[72] REDDY, ROOPA, US  
[71] INCYTE PHARMACEUTICALS, INC., US  
[85] 2001-02-06  
[86] 1999-08-06 (PCT/US99/17800)  
[87] 2000-02-17 (WO00/08156)  
[30] US (60/155,245) 1998-08-07  
[30] US (60/155,181) 1998-08-27

[21] **2,339,087**  
[13] A1

[51] **Int.Cl. 7C12N 15/29 7A01H 5/00 7A01H 5/10 7C12N 5/10 7C07K 14/415 7C12N 15/82**  
[25] EN  
[54] **MODIFICATION OF PLANT FIBRES**  
[54] **MODIFICATION DE FIBRES VEGETALES**  
[72] MCQUEEN-MASON, SIMON, GB  
[72] CAMBRIDGE, AMANDA, GB  
[72] BURRELL, MICHAEL MEYRICK, GB  
[72] MAUNDERS, MARTIN JACK, GB  
[71] ADVANCED TECHNOLOGIES (CAMBRIDGE) LIMITED, GB  
[85] 2001-02-07  
[86] 1999-08-18 (PCT/GB99/02746)  
[87] 2000-03-09 (WO00/12715)  
[30] GB (9818808.9) 1998-08-29

[21] **2,339,088**  
[13] A1

[51] **Int.Cl. 7C12N 15/60 7C12Q 1/527 7C12N 9/88**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR IDENTIFYING MAMMALIAN MALONYL COA DECARBOXYLASE INHIBITORS, AGONISTS AND ANTAGONISTS**  
[54] **COMPOSITIONS ET PROCEDES SERVANT A IDENTIFIER DES INHIBITEURS, AGONISTES ET ANTAGONISTES DE MALONYLE COA DECARBOXYLASE MAMMIFERE**  
[72] DYCK, JASON, CA  
[72] LOPASCHUK, GARY D., CA  
[71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA  
[85] 2001-02-08  
[86] 1999-08-09 (PCT/CA99/00734)  
[87] 2000-02-24 (WO00/09710)  
[30] US (60/096,093) 1998-08-11  
[30] US (09/251,200) 1999-02-16

[21] **2,339,089**  
[13] A1

[51] **Int.Cl. 7C12N 15/44 7C12N 7/08 7C07K 14/11 7A61K 39/145**  
[25] EN  
[54] **COLD-ADAPTED EQUINE INFLUENZA VIRUSES**  
[54] **VIRUS DE LA GRIPPE EQUINE ADAPTES AU FROID**  
[72] YOUNGNER, JULIUS S., US  
[72] DOWLING, PATRICIA W., US  
[71] THE UNIVERSITY OF PITTSBURGH OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCAT, US  
[85] 2001-02-12  
[86] 1999-08-12 (PCT/US99/18583)  
[87] 2000-02-24 (WO00/09702)  
[30] US (09/133,921) 1998-08-13

[21] **2,339,299**  
[13] A1

[51] **Int.Cl. 7A61K 38/17 7A61P 37/00 7C12N 5/06 7A61K 39/395**  
[25] EN  
[54] **METHOD OF MODULATING MEMORY EFFECTOR T-CELLS USING A CD2-BINDING AGENT, AND COMPOSITIONS**  
[54] **METHODES DE MODULATION DE CELLULES T EFFECTRICES DE MEMOIRE ET COMPOSITIONS ASSOCIEES**  
[72] MAGILAVY, DANIEL, US  
[71] BIOGEN, INC., US  
[85] 2001-02-08  
[86] 1999-08-31 (PCT/US99/20026)  
[87] 2000-03-09 (WO00/12113)  
[30] US (60/098,456) 1998-08-31

[21] **2,339,300**  
[13] A1

[51] **Int.Cl. 7C12N 15/90 7A61K 48/00 7A61P 11/00 7C12N 15/11**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR USE IN SPLICEOSOME MEDIATED RNA TRANS-SPLICING**  
[54] **PROCEDES ET COMPOSITIONS UTILISABLES DANS UN TRANS-EPISSAGE D'ARN INDUIT PAR UNE "EPISSAGEOSOME"**  
[72] MITCHELL, LLOYD G., US  
[72] GARCIA-BLANCO, MARIANO A., US  
[71] INTRONN HOLDINGS, LLC, US  
[85] 2001-02-12  
[86] 1999-08-12 (PCT/US99/18371)  
[87] 2000-02-24 (WO00/09734)  
[30] US (09/133,717) 1998-08-13  
[30] US (09/158,863) 1998-09-23

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[21] **2,339,301**  
[13] A1

[51] **Int.Cl. 6C12N 1/21 6C07K 14/00 6C07K 16/00 6C12N 5/10 6C12N 15/11 6C12N 15/12 6A61K 38/16 6A61K 38/17 6C07K 14/435 6G01N 33/50 6C12N 15/63**  
[25] EN  
[54] **98 HUMAN SECRETED PROTEINS**  
[54] **98 PROTEINES HUMAINES SECRETEES**  
[72] MUCENSKI, MICHAEL, US  
[72] OLSEN, HENRIK S., US  
[72] FLORENCE, KIMBERLY A., US  
[72] YOUNG, PAUL E., US  
[72] WEI, YING-FEI, US  
[72] SOPPET, DANIEL R., US  
[72] MOORE, PAUL A., US  
[72] LAFLEUR, DAVID, US  
[72] DUAN, ROXANNE, US  
[72] BREWER, LAURIE A., US  
[72] ROSEN, CRAIG A., US  
[72] KOMATSOULIS, GEORGE A., US  
[72] ENDRESS, GREGORY A., US  
[72] EBNER, REINHARD, US  
[72] SHI, YANGGU, US  
[72] RUBEN, STEVEN M., US  
[72] NI, JIAN, US  
[71] HUMAN GENOME SCIENCES, INC., US  
[85] 2001-01-30  
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[87] 2000-02-10 (WO00/06698)  
[30] US (60/094,657) 1998-07-30  
[30] US (60/095,486) 1998-08-05  
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[30] US (60/096,319) 1998-08-12

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[13] A1

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[54] **PIVOT LIP DUMP GATE**  
[54] **VOLET PIVOTANT DE PORTE BASCULANTE**  
[72] GRAHAM, DONALD D., US  
[71] OMNI HOLDING COMPANY, US  
[85] 2001-02-09  
[86] 1998-08-11 (PCT/US98/16644)  
[87] 2000-02-24 (WO00/09383)

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[25] FR  
[54] **GENES IMPLIQUES DANS LES VOIES MOLECULAIRES DE LA SUPPRESSION TUMORALE ET/OU LA RESISTANCE AUX VIRUS**  
[54] **GENES INVOLVED IN THE MOLECULAR PATHS FOR TUMOUR SUPPRESSION AND /OR RESISTANCE TO VIRUSES**  
[72] AMSON, ROBERT, FR  
[72] TELERMAN, ADAM, FR  
[71] FONDATION JEAN DAUSSET-CEPH, FR  
[85] 2001-02-05  
[86] 1999-06-18 (PCT/FR99/01479)  
[87] 2000-02-17 (WO00/08147)  
[30] FR (98/10077) 1998-08-05

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[13] A1

[51] **Int.Cl. 7C12Q 1/68**  
[25] EN  
[54] **PRIMER-SPECIFIC AND MISPAIR EXTENSION ASSAY FOR IDENTIFYING GENE VARIATION**  
[54] **METHODE D'EXTENSION DE MESAPPARIEMENT A SPECIFICITE D'AMORCAGE SERVANT A IDENTIFIER DES VARIATIONS DE GENES**  
[72] HU, YU-WEN, CA  
[71] CANADIAN BLOOD SERVICES, CA  
[71] HEMA-QUEBEC, CA  
[85] 2001-02-07  
[86] 1999-08-09 (PCT/CA99/00733)  
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[25] EN  
[54] **SELECTION METHOD**  
[54] **METHODE DE SELECTION**  
[72] JORSBOE, MORTEN, DK  
[72] BRUNSTEDT, JANNE, DK  
[72] JORGENSEN, KIRSTEN, DK  
[71] DANISCO A/S, DK  
[85] 2001-02-09  
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[25] EN  
[54] **NOVEL G PROTEIN-COUPLED RECEPTOR CDNA SEQUENCE**  
[54] **NOUVELLE SEQUENCE D'ADNC D'UN NOUVEAU RECEPTEUR COUPLE A LA PROTEINE G**  
[72] LIU, QINGYUN, US  
[72] MCDONALD, TERENCE P., US  
[72] WANG, RUIPING, US  
[71] MERCK & CO., INC., US  
[85] 2001-02-06  
[86] 1999-08-02 (PCT/US99/17388)  
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[25] EN  
[54] **OLIGOMERS WHICH INHIBIT EXPRESSION OF COLLAGEN GENES**  
[54] **OLIGOMERES INHIBANT L'EXPRESSION DE GENES DE COLLAGENE**  
[72] KOVACS, ATTILLA, US  
[72] KANDALA, JAGANNADHACHARI, US  
[72] GUNTAKA, RAMAREDDY V., US  
[72] WEBER, KARL T., US  
[71] GUNTAKA, RAMAREDDY V., US  
[85] 2001-02-06  
[86] 1999-08-06 (PCT/US99/17824)  
[87] 2000-02-17 (WO00/08213)  
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[25] EN  
[54] **MAIZE GLUTATHIONE-S-TRANSFERASE ENZYMES**  
[54] **ENZYMES DE GLUTATHIONE-S-TRANSFERASE ISSUES DU MAIS**  
[72] MCGONIGLE, BRIAN, US  
[72] O'KEEFE, DANIEL P., US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
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[25] EN  
[54] **SYNTHETIC PEPTIDE IMMUNOGENS AND ANTIBODIES THERETO**  
[54] **IMMUNOGENES PEPTIDIQUES DE SYNTHESE ET ANTICORPS CONTRE CES IMMUNOGENES**  
[72] TRISCOTT, MARK X., US  
[72] GOLDFORD, MARC, US  
[71] SIGMA-ALDRICH CO., US  
[85] 2001-02-07  
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[51] **Int.Cl. 7C12N 15/12 7A61K 38/17 7C07K 16/28 7C12Q 1/68 7C07K 14/705**  
[25] EN  
[54] **EXTRACELLULAR ADHESIVE PROTEINS, EXADH1 AND EXADH2**  
[54] **PROTEINES ADHESIVES EXTRACELLULAIRES, EXADH1 ET EXADH2**  
[72] GUEGLER, KARL J., US  
[72] PATTERSON, CHANDRA, US  
[72] HILLMAN, JENNIFER J., US  
[72] CORLEY, NEIL C., US  
[72] YUE, HENRY, US  
[71] INCYTE PHARMACEUTICALS, INC., US  
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[51] **Int.Cl. 6C07H 21/00 6C07H 21/02 6C07H 21/04 6C07H 19/06 6C07H 19/10 6C07H 19/16 6C07H 19/20**  
[25] EN  
[54] **AMINOXY-MODIFIED NUCLEOSIDIC COMPOUNDS AND OLIGOMERIC COMPOUNDS PREPARED THEREFROM**  
[54] **COMPOSES NUCLEOSIDIQUES A MODIFICATION AMINOXY ET COMPOSES OLIGOMERES PREPARES A PARTIR DE CES DERNIERS**  
[72] COOK, PHILLIP DAN, US  
[72] MANOHARAN, MUTHIAH, US  
[72] KAWASAKI, ANDREW M., US  
[72] PRAKASH, THAZHA P., US  
[71] ISIS PHARMACEUTICALS, INC., US  
[85] 2001-02-07  
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[25] EN  
[54] **IDENTIFICATION OF THE GENE CAUSING THE MOUSE SCURFY PHENOTYPE AND ITS HUMAN ORTHOLOG**  
[54] **IDENTIFICATION DU GENE RESPONSABLE DU PHENOTYPE DE LA SOURIS "SCURFY" ET DE SON ORTHOLOGUE HUMAIN**  
[72] HJERRILD, KATHRYN A., US  
[72] JEFFERY, ERIC W., US  
[72] RAMSDELL, FRED, US  
[72] BRUNKOW, MARY E., US  
[71] DARWIN DISCOVERY LTD., GB  
[85] 2001-02-09  
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[25] EN  
[54] **ENGRAFTABLE HUMAN NEURAL STEM CELLS**  
[54] **CELLULES NEURONALES SOUCHES HUMAINES POUVANT ETRE GREFFEES**  
[72] SNYDER, EVAN Y., US  
[72] WOLFE, JOHN H., US  
[72] KIM, SEUNG U., CA  
[71] UNIVERSITY OF BRITISH COLUMBIA, CA  
[71] UNIVERSITY OF PENNSYLVANIA, US  
[71] THE CHILDREN'S MEDICAL CENTER CORPORATION, US  
[85] 2001-02-13  
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[54] **METHOD FOR TREATMENT OF INVASIVE CELLS**  
[54] **TRAITEMENT DE CELLULES INVASIVES**  
[72] BAR-SHAVIT, RACHEL, IL  
[71] HADASIT MEDICAL RESEARCH SERVICES & DEVELOPMENT COMPANY LTD., IL  
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[25] EN  
[54] **NUCLEOTIDE AND/OR AMINO-ACID SEQUENCE CONTROLLING THE EXPRESSION OF A XYLANASE PROMOTER-OPERATOR NUCLEOTIDE SEQUENCE**  
[54] **SEQUENCE NUCLEOTIDIQUE ET/OU D'AMINOACIDES REGULANT L'EXPRESSION D'UNE SEQUENCE NUCLEOTIDIQUE PROMOTRICE-OPERATRICE CODANT POUR UNE XYLANASE**  
[72] GIANNOTTA, FABRIZIO, BE  
[72] DUSART, JEAN, BE  
[72] RIGALI, SEBASTIEN, BE  
[71] UNIVERSITE DE LIEGE, FR  
[85] 2001-02-09  
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[13] A1  
[51] **Int.Cl. 7C12N 15/82 7C11B 1/00 7A23D 9/00 7A01H 5/00 7A23C 20/02 7A23C 11/10 7A21D 2/16 7C12N 9/16 7C12N 15/55**  
[25] EN  
[54] **INCREASING STEARATE CONTENT IN SOYBEAN OIL BY EXPRESSION OF ACYL-ACP THIOESTERASE**  
[54] **AUGMENTATION DE LA TENEUR EN STEARATES DE L'HUILE DE SOJA PAR EXPRESSION DE LA THIOESTERASE D'ACYLE-ACP**  
[72] KRIDL, JEAN C., US  
[71] CALGENE LLC, US  
[85] 2001-02-13  
[86] 1999-07-22 (PCT/US99/17109)  
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[51] **Int.Cl. 7C12N 15/11 7C07H 21/00 7A61P 9/00 7A61P 35/00 7A61P 35/04 7A61K 31/70**  
[25] EN  
[54] **SHORT OLIGONUCLEOTIDES FOR THE INHIBITION OF VEGF EXPRESSION**  
[54] **OLIGONUCLEOTIDES COURTS DESTINES A INHIBER L'EXPRESSION DE VEGF**  
[72] WOESSNER, RICHARD, US  
[72] UHLMANN, EUGEN, DE  
[72] PEYMAN, ANUSCHIRWAN, DE  
[72] BITONTI, ALAN, US  
[71] AVENTIS PHARMA DEUTSCHLAND GMBH, DE  
[85] 2001-02-07  
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[51] **Int.Cl. 6C12N 15/12 6C07K 14/00 6C07K 7/06 6C12N 5/10 6C12N 15/10 6C12N 15/11 6A61K 38/16 6C07K 14/435 6C12N 15/63 6C12Q 1/68**  
[25] EN  
[54] **HUMAN CHORDIN-RELATED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM**  
[54] **PROTEINES HUMAINES CONNEXES A LA CHORDINE ET POLYNUCLEOTIDES LES CODANT**  
[72] COLLINS-RACIE, LISA A., US  
[72] MCCOY, JOHN M., US  
[72] JACOBS, KENNETH, US  
[72] MERBERG, DAVID, US  
[72] TREACY, MAURICE, IE  
[72] LAVALLIE, EDWARD R., US  
[72] WIDOM, ANGELA, US  
[72] DIBLASIO-SMITH, ELIZABETH, US  
[71] GENETICS INSTITUTE, INC., US  
[85] 2001-02-08  
[86] 1999-08-10 (PCT/US99/18117)  
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[13] A1  
[51] **Int.Cl. 7C12N 15/54 7C12N 9/10 7C12P 7/64 7C12N 15/82**  
[25] EN  
[54] **ENGINEERING .BETA.-KETOACYL ACP SYNTHASE FOR NOVEL SUBSTRATE SPECIFICITY**  
[54] **MISE AU POINT DE LA SYNTHASE DE .BETA.-CETOACYL ACP AYANT UNE NOUVELLE SPECIFICITE DE SUBSTRAT**  
[72] VAL, DALE, US  
[72] DEHESH, KATAYOON, US  
[71] CALGENE LLC, US  
[85] 2001-02-08  
[86] 2000-06-09 (PCT/US00/16151)  
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[30] US (60/138,308) 1999-06-09

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[13] A1  
[51] **Int.Cl. 7C12N 15/12 7A01K 67/027 7C12N 5/10 7C07K 14/47 7G01N 33/50 7C12Q 1/68**  
[25] EN  
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[72] ROBINSON, IAIN CLIVE ANDREW FRANKLIN, GB  
[72] FLAVELL, DAVID, GB  
[72] WELLS, SARA ELIZABETH, GB  
[72] LE TISSIER, PAUL, GB  
[72] STOYE, JONATHAN PAUL, GB  
[71] MEDICAL RESEARCH COUNCIL, GB  
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## PCT Applications Entering the National Phase

<p style="text-align: center;">[21] <b>2,339,519</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/53 7A01H 5/00 7C12Q 1/02 7C12N 9/04 7C12N 9/10 7C12N 15/54 7C12N 15/82</b></p> <p>[25] EN</p> <p>[54] <b>DNA SEQUENCE CODING FOR A 1-DEOXY-D-XYLULOSE-5-PHOSPHATE SYNTHASE AND THE OVERPRODUCTION THEREOF IN PLANTS</b></p> <p>[54] <b>SEQUENCE ADN CODANT POUR UNE 1-DEOXY-D-XYLULOSE-5-PHOSPHATE SYNTHASE ET SA SURPRODUCTION DANS LES PLANTES</b></p> <p>[72] LEON MEJIA, PATRICIA, MX</p> <p>[72] REINDL, ANDREAS, DE</p> <p>[72] HERBERS, KARIN, DE</p> <p>[72] ESTEVES PALMAS, JUAN MANUEL, MX</p> <p>[72] CANTERO GRACIA, MARIA ARACELI, MX</p> <p>[72] EBNETH, MARCUS, DE</p> <p>[71] SUNGENE GMBH &amp; CO.KGAA, DE</p> <p>[85] 2001-02-02</p> <p>[86] 1999-07-30 (PCT/EP99/05467)</p> <p>[87] 2000-02-17 (WO00/08169)</p> <p>[30] DE (198 35 219.0) 1998-08-05</p> <p>[30] DE (198 45 216.0) 1998-10-01</p> <p>[30] DE (198 45 231.4) 1998-10-01</p> <p>[30] DE (198 45 224.1) 1998-10-01</p>	<p style="text-align: center;">[21] <b>2,339,526</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12Q 1/70</b></p> <p>[25] EN</p> <p>[54] <b>PREDICTING THE OUTCOME OF VIRUS INFECTIONS</b></p> <p>[54] <b>PREDICTION DES SUITES D'UNE INFECTION VIRALE</b></p> <p>[72] HILL, ADRIAN VIVIAN SINTON, GB</p> <p>[72] THOMAS, HOWARD CHRISTOPHER, GB</p> <p>[72] THURSZ, MARK RICHARD, GB</p> <p>[72] ZHANG, LYNA, GB</p> <p>[72] FRODSHAM, ANGELA, GB</p> <p>[72] BEST, STEVEN, GB</p> <p>[71] IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY AND MEDICINE, GB</p> <p>[85] 2001-02-07</p> <p>[86] 1999-08-09 (PCT/GB99/02603)</p> <p>[87] 2000-02-17 (WO00/08215)</p> <p>[30] GB (9817266.1) 1998-08-07</p>	<p style="text-align: center;">[21] <b>2,339,529</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/60 7A61K 48/00 7C12P 21/02 7A61P 9/10 7C07K 16/40 7C12N 15/62 7C12N 9/88</b></p> <p>[25] EN</p> <p>[54] <b>ISOLATED AND PURIFIED HUMAN SOLUBLE GUANYLYLCYCLASE .ALPHA.1/.BETA.1 (HSGC.ALPHA.1/.BETA.1)</b></p> <p>[54] <b>GUANYLYLCYCLASE .ALPHA.1/.BETA.1 HUMAINE SOLUBLE (HSGC .ALPHA.1/.BETA.1) ISOLEE ET PURIFIEE</b></p> <p>[72] POLLER, WOLFGANG, DE</p> <p>[72] SCHMIDT, HARALD, DE</p> <p>[72] ZABEL, ULRIKE, DE</p> <p>[71] VASOPHARM BIOTECH GMBH &amp; CO. KG, DE</p> <p>[85] 2001-02-13</p> <p>[86] 1999-08-16 (PCT/DE99/02601)</p> <p>[87] 2000-02-24 (WO00/09711)</p> <p>[30] DE (198 37 015.6) 1998-08-14</p>	<p style="text-align: center;">[21] <b>2,339,750</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B67D 5/62</b></p> <p>[25] EN</p> <p>[54] <b>IMPROVED BEVERAGE DISPENSER CONFIGURATION</b></p> <p>[54] <b>CONFIGURATION DE DISTRIBUTEUR DE BOISSONS AMELIORE</b></p> <p>[72] SIMMONS, DARREN W., US</p> <p>[71] LANCER PARTNERSHIP, LTD., US</p> <p>[85] 2001-02-06</p> <p>[86] 1999-08-10 (PCT/US99/18075)</p> <p>[87] 2000-02-24 (WO00/09437)</p> <p>[30] US (09/131,495) 1998-08-10</p>	<p style="text-align: center;">[21] <b>2,339,751</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B65D 77/02</b></p> <p>[25] EN</p> <p>[54] <b>TUBULAR CONTAINER HAVING AN OUTER SLEEVE AND AN INNER STORAGE BAG</b></p> <p>[54] <b>RECIPIENT TUBULAIRE A BOITE EXTERIEURE ET SACHET DE CONSERVATION INTERIEUR</b></p> <p>[72] CROFT, ROBERT J., US</p> <p>[72] SAGEL, JOSEPH P., US</p> <p>[71] RECOT, INC., US</p> <p>[85] 2001-02-06</p> <p>[86] 1999-07-27 (PCT/US99/16877)</p> <p>[87] 2000-03-09 (WO00/12408)</p> <p>[30] US (09/143,538) 1998-08-28</p>	<p style="text-align: center;">[21] <b>2,339,752</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A63B 69/36</b></p> <p>[25] EN</p> <p>[54] <b>GOLF SWING TRAINING DEVICE AND TRAINING METHOD</b></p> <p>[54] <b>DISPOSITIF ET PROCEDE D'ENTRAINEMENT AU SWING DE GOLF</b></p> <p>[72] KALLASSY, CHARLES A., US</p> <p>[71] KALLASSY, CHARLES A., US</p> <p>[85] 2001-02-06</p> <p>[86] 1998-11-25 (PCT/US98/25321)</p> <p>[87] 1999-06-03 (WO99/26705)</p> <p>[30] US (60/066,674) 1997-11-26</p>	<p style="text-align: center;">[21] <b>2,339,755</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08J 9/02 6C08J 9/04 6C08J 9/10 6C08J 9/14 6C08J 9/236 6C08J 9/32</b></p> <p>[25] EN</p> <p>[54] <b>STORAGE-STABLE COMPOSITIONS USEFUL FOR THE PRODUCTION OF STRUCTURAL FOAMS</b></p> <p>[54] <b>COMPOSITIONS RESTANT STABLES DURANT LEUR STOCKAGE ET SERVANT A LA PRODUCTION DE MOUSSES STRUCTUREES</b></p> <p>[72] HARRISON, BRUCE LEE, US</p> <p>[71] HENKEL CORPORATION, US</p> <p>[85] 2001-02-06</p> <p>[86] 1999-03-03 (PCT/US99/04263)</p> <p>[87] 2000-03-09 (WO00/12595)</p> <p>[30] US (60/098,110) 1998-08-27</p> <p>[30] US (09/260,421) 1999-03-01</p>	<p style="text-align: center;">[21] <b>2,339,757</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A23J 3/10 7A23L 1/305</b></p> <p>[25] EN</p> <p>[54] <b>PROTEIN COMPONENT FOR DIETETIC FOOD</b></p> <p>[54] <b>CONSTITUANT PROTEIQUE POUR ALIMENTS DIETETIQUES</b></p> <p>[72] BOHM, GUNTHER, DE</p> <p>[72] GEORGI, GILDA, DE</p> <p>[72] SAWATZKI, GUNTHER, DE</p> <p>[71] N.V. NUTRICIA, NL</p> <p>[85] 2001-02-06</p> <p>[86] 1999-08-11 (PCT/EP99/05877)</p> <p>[87] 2000-02-24 (WO00/08946)</p> <p>[30] DE (198 36 338.9) 1998-08-11</p>
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[21] **2,339,764**  
[13] A1

[51] **Int.Cl. 7G06F 3/12 7H04N 1/32**  
[25] EN  
[54] **AN AGENT AND METHOD FOR DYNAMICALLY SCHEDULING PUBLICATION IN AN AUTOMATED DOCUMENT DELIVERY SYSTEM**  
[54] **AGENT ET PROCEDE D'ORDONNANCEMENT DYNAMIQUE DE PUBLICATIONS DANS UN SYSTEME DE REMISE DE DOCUMENTS AUTOMATISE**  
[72] MILLER, ROBERT M., US  
[72] VAN ZEE, PIETER J., US  
[72] GUPTA, ALOKE, US  
[71] HEWLETT-PACKARD COMPANY, US  
[85] 2001-02-06  
[86] 2000-06-01 (PCT/US00/15124)  
[87] 2000-12-14 (WO00/75768)  
[30] US (09/325,040) 1999-06-07  
[30] US (09/523,264) 2000-03-10

[21] **2,339,766**  
[13] A1

[51] **Int.Cl. 7H04N 1/00**  
[25] EN  
[54] **A SYSTEM AND RELATED METHODS FOR AUTOMATICALLY DETERMINING MEDIA TYPE IN A PRINTING DEVICE MEDIA TRAY**  
[54] **SYSTEME ET PROCEDES APPARENTS PERMETTANT DE DETERMINER AUTOMATIQUEMENT UN TYPE DE SUPPORT DANS UN PLATEAU DE SUPPORT D'IMPRESSION D'UN DISPOSITIF D'IMPRESSION**  
[72] BREWSTER, JON A., US  
[72] KERR, JOHN M., US  
[72] CURRANS, KEVIN G., US  
[72] BERTANI, JOHN A., US  
[71] HEWLETT-PACKARD COMPANY, US  
[85] 2001-02-06  
[86] 2000-06-01 (PCT/US00/15128)  
[87] 2000-12-14 (WO00/76199)  
[30] US (09/325,040) 1999-06-07  
[30] US (09/545,990) 2000-04-10

[21] **2,339,769**  
[13] A1

[51] **Int.Cl. 7C07B 41/00 7C07D 301/10 7C07C 29/50**  
[25] EN  
[54] **METHOD FOR OXIDIZING HYDROCARBONS**  
[54] **PROCEDE D'OXYDATION D'HYDROCARBURES**  
[72] WEISBECK, MARKUS, DE  
[72] DORF, ERNST ULRICH, DE  
[72] SCHILD, CHRISTOPH, DE  
[72] WEGENER, GERHARD, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2001-02-06  
[86] 1999-07-27 (PCT/EP99/05370)  
[87] 2000-02-17 (WO00/07964)  
[30] DE (198 35 481.9) 1998-08-07

[21] **2,339,771**  
[13] A1

[51] **Int.Cl. 7B01J 19/18 7C08F 2/00 7B01J 19/24**  
[25] EN  
[54] **CLOSED LOOP CONTINUOUS POLYMERISATION REACTOR AND POLYMERISATION PROCESS**  
[54] **REACTEUR DE POLYMERISATION CONTINUE A BOUCLE FERMEE ET PROCEDE DE POLYMERISATION**  
[72] GEDDES, KENNETH RAYMOND, GB  
[72] JONES, HOWARD, GB  
[72] ADAMS, DAVID CHARLES, GB  
[71] AKZO NOBEL N.V., NL  
[85] 2001-02-06  
[86] 1999-07-08 (PCT/EP99/04923)  
[87] 2000-02-17 (WO00/07717)  
[30] EP (98202666.8) 1998-08-07

[21] **2,339,870**  
[13] A1

[51] **Int.Cl. 7C12N 15/15 7C12N 5/10 7C12N 1/21 7C07K 16/38 7A61K 38/48 7A61K 38/57 7C07K 14/81**  
[25] EN  
[54] **ANTITHROMBIN NUCLEOTIDES AND PROTEINS FROM HORN FLY**  
[54] **NUCLEOTIDES ET PROTEINES A ACTIVITE ANTITHROMBOTIQUE PROVENANT DE LA MOUCHE DES CORNES**  
[72] CUPP, MARY SMITH, US  
[72] CUPP, EDDIE WAYNE, US  
[71] AUBURN UNIVERSITY, US  
[85] 2001-02-19  
[86] 1999-08-19 (PCT/US99/18888)  
[87] 2000-03-02 (WO00/11172)  
[30] US (60/097,227) 1998-08-20

[21] **2,339,871**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61P 1/00 7A61P 5/00 7A61P 43/00 7C12N 5/10 7A61P 27/16 7C07K 16/28 7G01N 33/50 7G01N 33/68 7C12Q 1/68 7C07K 14/705**  
[25] EN  
[54] **NUCLEIC ACIDS ENCODING A FUNCTIONAL HUMAN PURINORECEPTOR P2X2 AND METHODS OF PRODUCING AND USE THEREOF**  
[54] **ACIDES NUCLEIQUES CODANT UN PURINORECEPTEUR FONCTIONNEL HUMAIN P2X2, ET PROCEDES DE PRODUCTION ET D'UTILISATION DE CE DERNIER**  
[72] BURGARD, EDWARD C., US  
[72] NIFORATOS, WENDE, US  
[72] TOUMA, EDWARD B., US  
[72] METZGER, RANDY E., US  
[72] LYNCH, KEVIN J., US  
[71] ABBOTT LABORATORIES, US  
[85] 2001-02-20  
[86] 1999-08-20 (PCT/US99/19042)  
[87] 2000-03-02 (WO00/11167)  
[30] US (09/137,458) 1998-08-20

[21] **2,339,874**  
[13] A1

[51] **Int.Cl. 6G11B 25/04**  
[25] FR  
[54] **DISQUE COMPACT SOUS FORME DE CARTE DE VISITE**  
[54] **COMPACT DISC SHAPED LIKE A CALLING CARD**  
[72] FORGUES, MICHEL, FR  
[72] CHOURAQUI, JEAN, FR  
[71] FORGUES, MICHEL, FR  
[71] CHOURAQUI, JEAN, FR  
[85] 2001-02-02  
[86] 1998-09-03 (PCT/FR98/01880)  
[87] 2000-02-17 (WO00/08646)  
[30] FR (98/10071) 1998-08-05

[21] **2,339,875**  
[13] A1

[51] **Int.Cl. 7H01Q 1/24 7H01Q 19/09 7H01Q 21/10 7H01Q 21/28**  
[25] FR  
[54] **ANTENNE DE STATION DE BASE DE RADIOCOMMUNICATION**  
[54] **RADIO COMMUNICATION BASE STATION ANTENNA**  
[72] LUCIDARME, THIERRY, FR  
[71] NORTEL NETWORKS S.A., FR  
[85] 2001-02-02  
[86] 2000-06-14 (PCT/FR00/01646)  
[87] 2000-12-28 (WO00/79643)  
[30] FR (99/07744) 1999-06-18

## PCT Applications Entering the National Phase

[21] **2,339,876**  
[13] A1

[51] **Int.Cl. 7A01K 67/027 7A61K 49/00 7C07K 14/47**  
[25] FR  
[54] **UTILISATION D'UN MODELE ANIMAL DEFICIENT EN P53 ET PRESENTANT UNE DEFICIENCE DE LA MEMOIRE ET/OU DES TROUBLES COMPORTEMENTAUX A DES FINS THERAPEUTIQUES**  
[54] **USE OF AN ANIMAL MODEL DEFICIENT IN P53 AND HAVING MEMORY DEFICIENCY AND/OR BEHAVIOURAL DISORDERS FOR THERAPEUTIC PURPOSES**  
[72] AMSON, ROBERT, FR  
[72] TELERMAN, ADAM, FR  
[72] LASSALLE, JEAN-MICHEL, FR  
[71] FONDATION JEAN DAUSSET-CEPH, FR  
[85] 2001-02-02  
[86] 1999-07-26 (PCT/FR99/01828)  
[87] 2000-02-17 (WO00/07438)  
[30] FR (98/10076) 1998-08-05

[21] **2,339,877**  
[13] A1

[51] **Int.Cl. 7B01D 29/21**  
[25] FR  
[54] **ELEMENT FILTRANT CONSTITUE D'UN MATERIAU EN PAPIER ABSORBANT, SOUS LA FORME D'UN CYLINDRE TUBULAIRE**  
[54] **FILTERING ELEMENT MADE OF ABSORBENT PAPER MATERIAL IN THE FORM OF A TUBULAR CYLINDER**  
[72] MALECOT, YVES, FR  
[72] HUNGLER, JOEL, FR  
[71] FORT JAMES FRANCE, FR  
[85] 2001-02-02  
[86] 1999-08-02 (PCT/FR99/01904)  
[87] 2000-02-17 (WO00/07691)  
[30] FR (98/09986) 1998-08-04

[21] **2,339,878**  
[13] A1

[51] **Int.Cl. 7A61K 31/05 7A61K 31/18 7A61K 31/66 7A61K 31/74**  
[25] FR  
[54] **UTILISATION DES CALIX(N)ARENES POUR LE TRAITEMENT DES MALADIES FIBROTIQUES**  
[54] **USE OF CALIX(N)ARENES FOR TREATING FIBROTIC DISEASES**  
[72] HULMES, DAVID, FR  
[72] AUBERT-FOUCHER, ELISABETH, FR  
[72] COLEMAN, ANTONY, FR  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR  
[85] 2001-02-02  
[86] 1999-08-03 (PCT/FR99/01922)  
[87] 2000-02-17 (WO00/07585)  
[30] FR (98/10074) 1998-08-05

[21] **2,339,882**  
[13] A1

[51] **Int.Cl. 7G01N 21/91**  
[25] FR  
[54] **PROCEDE ET DISPOSITIF POUR LE CONTROLE NON DESTRUCTIF D'UNE SURFACE AU MOYEN D'UN PRODUIT COLORANT**  
[54] **METHOD AND DEVICE FOR NON-DESTRUCTIVE CONTROL OF A SURFACE USING A DYE PRODUCT**  
[72] PAILLIOTET, PIERRE-MARIE, FR  
[71] HOLORES, INC., US  
[85] 2001-02-05  
[86] 1999-08-05 (PCT/FR99/01942)  
[87] 2000-02-17 (WO00/08449)  
[30] FR (98/10062) 1998-08-05

[21] **2,339,883**  
[13] A1

[51] **Int.Cl. 7B64D 1/22**  
[25] FR  
[54] **DISPOSITIF SUSPENDU A UN ENGIN PORTEUR POUR LA RECUPERATION D'INDIVIDUS OU DE MATERIELS**  
[54] **DEVICE SUSPENDED TO A CARRIER FOR RESCUING PEOPLE OR EQUIPMENT**  
[72] TARDY, JEAN-FRANCOIS, FR  
[71] TARDY, JEAN-FRANCOIS, FR  
[85] 2001-02-05  
[86] 1999-08-03 (PCT/FR99/01918)  
[87] 2000-02-17 (WO00/07877)  
[30] FR (98/10109) 1998-08-06

[21] **2,339,884**  
[13] A1

[51] **Int.Cl. 7H01R 24/18**  
[25] FR  
[54] **DISPOSITIF HERMAPHRODITE DE CONNEXION ELECTRIQUE**  
[54] **PIN AND SOCKET ELECTRICAL CONNECTION DEVICE**  
[72] BODIN, JACQUES, FR  
[71] SERCEL, FR  
[85] 2001-02-05  
[86] 1999-08-04 (PCT/FR99/01930)  
[87] 2000-02-17 (WO00/08724)  
[30] FR (98/10125) 1998-08-06

[21] **2,339,886**  
[13] A1

[51] **Int.Cl. 7C07F 5/02**  
[25] FR  
[54] **PROCEDE DE PREPARATION DE DERIVES DE TETRAKIS (PENTAFLUOROPHENYL) BORATE**  
[54] **METHOD FOR PREPARING TETRAKIS (PENTAFLUOROPHENYL) BORATE DERIVATIVES**  
[72] RICHARD, JACQUES, FR  
[72] PRIOU, CHRISTIAN, US  
[72] DURY, MICHEL, FR  
[71] RHODIA CHIMIE, FR  
[85] 2001-02-06  
[86] 1999-08-02 (PCT/FR99/01910)  
[87] 2000-02-17 (WO00/08028)  
[30] FR (98/10212) 1998-08-07

[21] **2,339,897**  
[13] A1

[51] **Int.Cl. 7A61J 1/00**  
[25] FR  
[54] **DISPOSITIF DE CONNEXION ENTRE UN RECIPIENT ET UN CONTENANT ET ENSEMBLE PRET A L'EMPLOI COMPRENANT UN TEL DISPOSITIF**  
[54] **DEVICE FOR CONNECTING A RECEPTACLE AND A CONTAINER AND READY-FOR-USE SET COMPRISING SAME**  
[72] ANEAS, ANTOINE, FR  
[71] BIODOME, FR  
[85] 2001-02-07  
[86] 1999-09-23 (PCT/FR99/02268)  
[87] 2000-03-30 (WO00/16730)  
[30] FR (98/12120) 1998-09-24

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,339,898</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B61F 5/22</b> [25] FR [54] <b>PROCEDE ET DISPOSITIF DE COMMANDE D'ELEMENTS PILOTES D'UN VEHICULE FERROVIAIRE</b> [54] <b>METHOD AND DEVICE FOR CONTROLLING A RAILWAY VEHICLE STEERED ELEMENTS</b> [72] VANTALON, FREDERIC, FR [72] HAZARD, LAURENT, FR [71] ALSTOM, FR [85] 2001-02-08 [86] 2000-04-17 (PCT/FR00/00994) [87] 2000-12-21 (WO00/76827) [30] FR (99/07435) 1999-06-11</p>	<p style="text-align: right;">[21] <b>2,339,901</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/10 7C07K 14/00 7C12N 1/21 7C12N 15/31</b> [25] FR [54] <b>PROCEDE D'OBTENTION IN VITRO DE SEQUENCES POLYNUCLEOTIDIQUES RECOMBINEES, BANQUES DE SEQUENCES ET SEQUENCES AINSI OBTENUES</b> [54] <b>METHOD FOR OBTAINING IN VITRO RECOMBINED POLYNUCLEOTIDE SEQUENCES, SEQUENCE BANKS AND RESULTING SEQUENCES</b> [72] DUPRET, DANIEL, FR [72] LEFEVRE, FABRICE, FR [72] MASSON, JEAN-MICHEL, FR [71] PROTEUS (S.A.), FR [85] 2001-02-09 [86] 1999-08-11 (PCT/FR99/01973) [87] 2000-02-24 (WO00/09679) [30] FR (98/10338) 1998-08-12</p>	<p style="text-align: right;">[21] <b>2,339,905</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F16L 11/04</b> [25] FR [54] <b>TUBE POUR LE TRANSPORT D'ESSENCE</b> [54] <b>TUBE FOR GASOLINE TRANSPORT</b> [72] MERZIGER, JOACHIM, FR [72] BERTIN, DENIS, FR [72] COURT, FRANCOIS, FR [72] BUSSI, PHILIPPE, FR [72] LEIBLER, LUDWIK, FR [71] ATOFINA, FR [85] 2001-02-09 [86] 2000-06-08 (PCT/FR00/01578) [87] 2000-12-21 (WO00/77432) [30] FR (99/07322) 1999-06-10</p>
<p style="text-align: right;">[21] <b>2,339,899</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08F 2/50 7G03F 7/029</b> [25] FR [54] <b>PROCEDE DE POLYMERISATION ET/OU DE RETICULATION SOUS FAISCEAU D'ELECTRONS ET/OU RAYONS GAMMA</b> [54] <b>POLYMERISATION AND/OR CROSSLINKING METHOD UNDER ELECTRON BEAM AND/OR GAMMA RADIATION</b> [72] PRIOU, CHRISTIAN, US [71] RHODIA CHIMIE, FR [85] 2001-02-08 [86] 1999-08-02 (PCT/FR99/01911) [87] 2000-02-24 (WO00/09572) [30] FR (98/10297) 1998-08-11 [30] FR (99/07421) 1999-06-11</p>	<p style="text-align: right;">[21] <b>2,339,904</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12Q 1/68 7C12N 15/00 7C12N 15/63</b> [25] FR [54] <b>PROCEDE DE SEPARATION ET DE CARACTERISATION DES FONCTIONS POTENTIELLEMENT PRESENTES DANS UN ECHANTILLON BIOLOGIQUE CONTENANT DES ACIDES NUCLEIQUES</b> [54] <b>METHOD FOR SEPARATING AND CHARACTERISING FUNCTIONS POTENTIALLY PRESENT IN A BIOLOGICAL SAMPLE CONTAINING NUCLEIC ACIDS</b> [72] MASSON, JEAN-PIERRE, FR [72] DUPRET, DANIEL, FR [72] LEFEVRE, FABRICE, FR [71] PROTEUS (S.A.), FR [85] 2001-02-09 [86] 1999-08-11 (PCT/FR99/01972) [87] 2000-02-24 (WO00/09747) [30] FR (98/10337) 1998-08-12</p>	<p style="text-align: right;">[21] <b>2,339,907</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 15/02 7G01W 1/14</b> [25] FR [54] <b>DISPOSITIF DE MESURE DE LA TAILLE DE PARTICULES EN DEPLACEMENT, NOTAMMENT POUR DES MESURES PLUVIOMETRIQUES</b> [54] <b>DEVICE FOR MEASURING THE SIZE OF MOVING PARTICLES, IN PARTICULAR FOR PLUVIOMETRIC MEASUREMENTS</b> [72] VINSON, JEAN-PAUL RAOUL, FR [72] DANGUY, THEODORE, FR [72] LAVERGNAT, JACQUES, FR [72] DELAHAYE, JEAN-YVES, FR [71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR [85] 2001-02-09 [86] 1999-08-10 (PCT/FR99/01962) [87] 2000-02-24 (WO00/09987) [30] FR (98/10287) 1998-08-11</p>
<p style="text-align: right;">[21] <b>2,339,900</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/19 7A61K 48/00 7A61K 38/19 7A61K 38/20 7A61K 38/21</b> [25] FR [54] <b>COMPOSITION DESTINEE A LA MISE EN OEUVRE D'UN TRAITEMENT CYTOTOXIQUE, NOTAMMENT ANTITUMORAL OU ANTIVIRAL, CHEZ UN MAMMIFERE</b> [54] <b>COMPOSITION FOR IMPLEMENTING A CYTOTOXIC, IN PARTICULAR AN ANTITUMORAL OR ANTIVIRAL, TREATMENT IN A MAMMAL</b> [72] ERBS, PHILIPPE, FR [72] REGULIER, ETIENNE, FR [71] TRANSGENE S.A., FR [85] 2001-02-08 [86] 2000-06-07 (PCT/FR00/01559) [87] 2000-12-14 (WO00/74629) [30] FR (99/07181) 1999-06-08</p>	<p style="text-align: right;">[21] <b>2,339,909</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04N 13/04 7G02B 27/22</b> [25] FR [54] <b>PROCEDE D'AFFICHAGE AUTOSTEREOSCOPIQUE</b> [54] <b>METHOD FOR AUTOSTEREOSCOPIC DISPLAY</b> [72] ALLIO, PIERRE, FR [71] ALLIO, PIERRE, FR [85] 2001-02-12 [86] 1999-08-04 (PCT/FR99/01927) [87] 2000-02-24 (WO00/10332) [30] FR (98/10384) 1998-08-13</p>	

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[21] **2,339,937**  
[13] A1

[51] **Int.Cl. 7B65D 81/32 7B65D 1/04 7B65D 47/08**  
[25] EN  
[54] **BLOWN MULTI-CHAMBERED PLASTIC BOTTLE AND CLOSURE THEREFOR**  
[54] **BOUEILLE EN PLASTIQUE A PLUSIEURS CHAMBRES FABRIQUEE SELON UN PROCEDE DE SOUFFLAGE ET FERMETURE POUR LADITE BOUEILLE**  
[72] KUNZ, HANS, AT  
[71] ALPLA-WERKE ALWIN LEHNER GMBH & CO. KG, AT  
[85] 2001-02-07  
[86] 1999-07-29 (PCT/CH99/00354)  
[87] 2000-02-24 (WO00/09413)  
[30] CH (98810765.2) 1998-08-10

[21] **2,339,938**  
[13] A1

[51] **Int.Cl. 6C25B 9/00 6C25B 1/02**  
[25] EN  
[54] **ENERGY CONVERSION DEVICE**  
[54] **DISPOSITIF DE TRANSFORMATION D'ENERGIE**  
[72] KUDYMOV, GEORGY IVANOVICH, RU  
[72] STUDENNIKOV, VASILY VASILIEVICH, RU  
[71] KUDYMOV, GEORGY IVANOVICH, RU  
[71] STUDENNIKOV, VASILY VASILIEVICH, RU  
[85] 2001-02-07  
[86] 1998-06-22 (PCT/RU98/00190)  
[87] 1999-04-15 (WO99/18262)  
[30] RU (97116916) 1997-10-07

[21] **2,339,939**  
[13] A1

[51] **Int.Cl. 7H04J 3/06 7H04B 7/26**  
[25] EN  
[54] **TELECOMMUNICATIONS NETWORK SYNCHRONIZATION FOR DATA SERVICES**  
[54] **SYNCHRONISATION DE RESEAUX DE TELECOMMUNICATIONS POUR SERVICES DE DONNEES**  
[72] LEMIEUX, YVES, CA  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-02-07  
[86] 1999-07-30 (PCT/SE99/01330)  
[87] 2000-03-09 (WO00/13355)  
[30] US (09/144,795) 1998-08-31

[21] **2,339,940**  
[13] A1

[51] **Int.Cl. 7F17C 7/00 7H01M 8/04 7H01M 8/06**  
[25] EN  
[54] **APPARATUS FOR CONTROLLABLY BREAKING HOLLOW SPHERES**  
[54] **DISPOSITIF POUR BRISER DE MANIERE CONTROLEE DES SPHERES CREUSES**  
[72] COLBURN, DAVID J., US  
[72] TURGEON, THOMAS A., US  
[72] YUNGERS, CHRISTOPHER R., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2001-02-07  
[86] 1999-07-26 (PCT/US99/17043)  
[87] 2000-03-09 (WO00/12927)  
[30] US (09/145,000) 1998-09-01

[21] **2,339,941**  
[13] A1

[51] **Int.Cl. 6A61K 31/335 6C07D 323/00**  
[25] EN  
[54] **THERAPEUTIC COMPOSITIONS (II)**  
[54] **COMPOSITIONS THERAPEUTIQUES (II)**  
[72] VEECH, RICHARD L., US  
[71] BTG INTERNATIONAL LIMITED, GB  
[85] 2001-02-07  
[86] 1999-09-15 (PCT/US99/21015)  
[87] 2000-03-23 (WO00/15216)  
[30] US (60/100,371) 1998-09-15

[21] **2,339,942**  
[13] A1

[51] **Int.Cl. 7A61K 9/16**  
[25] EN  
[54] **EXTENDED RELEASE ACETAMINOPHEN**  
[54] **ACETAMINOPHENE A LIBERATION PROLONGEE**  
[72] ANAEBONAM, ALOYSIUS O., US  
[72] CLEMENTE, EMMETT, US  
[72] MENDES, ROBERT W., US  
[71] ASCENT PEDIATRICS, INC., US  
[85] 2001-02-07  
[86] 1999-09-03 (PCT/US99/20381)  
[87] 2000-03-16 (WO00/13670)  
[30] US (09/146,261) 1998-09-03

[21] **2,339,943**  
[13] A1

[51] **Int.Cl. 7H01S 5/02 7H01L 23/532**  
[25] EN  
[54] **ELECTRO-OPTICAL SEMICONDUCTOR DEVICE WITH A POLYIMIDE/SILICON OXIDE BILAYER BENEATH A METAL CONTACT LAYER**  
[54] **DISPOSITIF ELECTRO-OPTIQUE A SEMI-CONDUCTEUR COMPORTANT UNE DOUBLE COUCHE DE POLYIMIDE/OXYDE DE SILICIUM SOUS UNE COUCHE DE CONTACT METALLIQUE**  
[72] SAHARA, RICHARD, US  
[72] LU, HANH, US  
[72] QIAN, YI, US  
[71] LASERTRON, INC., US  
[85] 2001-02-07  
[86] 1999-07-29 (PCT/US99/17283)  
[87] 2000-02-17 (WO00/08730)  
[30] US (09/130,742) 1998-08-07

[21] **2,339,944**  
[13] A1

[51] **Int.Cl. 7E21B 34/10**  
[25] EN  
[54] **HYDRAULIC WELL CONTROL SYSTEM**  
[54] **SYSTEME HYDRAULIQUE DE COMMANDE D'UN Puits**  
[72] PURKIS, DAN, GB  
[72] BOULDIN, BRETT, US  
[71] PES INC., US  
[85] 2001-02-07  
[86] 1999-08-13 (PCT/GB99/02694)  
[87] 2000-02-24 (WO00/09855)  
[30] US (09/133,747) 1998-08-13

[21] **2,339,945**  
[13] A1

[51] **Int.Cl. 6A61L 9/12 6B65D 17/00 6B32B 27/32**  
[25] EN  
[54] **AN IMPROVED MEMBRANE PERMEABLE TO AROMATIC PRODUCTS**  
[54] **MODELE AMELIORE DE MEMBRANE PERMEABLE A DES PRODUITS AROMATIQUES**  
[72] BOWEN, WILLIAM E., US  
[72] MCCARRY, PATRICIA M., US  
[72] MURRAY, LEE J., US  
[71] AMERICAN NATIONAL CAN COMPANY, US  
[85] 2001-02-07  
[86] 1999-08-12 (PCT/US99/18352)  
[87] 2000-02-24 (WO00/09174)  
[30] US (09/135,196) 1998-08-17

## Demandes PCT entrant en phase nationale

<p style="text-align: center;">[21] <b>2,339,946</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04L 29/06 7H04L 12/22</b> [25] EN [54] <b>ACCESS CONTROL USING ATTRIBUTES CONTAINED WITHIN PUBLIC KEY CERTIFICATES</b> [54] <b>CONTROLE D'ACCES UTILISANT LES ATTRIBUTS CONTENUS DANS DES CERTIFICATS A CLE PUBLIQUE</b> [72] HAVERTY, RAND, CA [71] KYBERPASS CORPORATION, CA [85] 2001-02-07 [86] 1999-07-30 (PCT/IB99/01452) [87] 2000-02-24 (WO00/10303) [30] US (09/132,672) 1998-08-12</p>	<p style="text-align: center;">[21] <b>2,339,990</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C02F 1/00 7C02F 1/28 7C02F 1/68</b> [25] EN [54] <b>SYSTEM FOR FILTERING AND DISPENSING FLUID</b> [54] <b>SYSTEME DE FILTRAGE ET DE DISTRIBUTION DE FLUIDES</b> [72] NOHREN, JOHN E., JR., US [71] INNOVA PURE WATER INC., US [85] 2001-02-08 [86] 1999-07-16 (PCT/US99/16155) [87] 2000-02-24 (WO00/09448) [30] US (60/096,640) 1998-08-14 [30] US (09/333,993) 1999-06-16</p>	<p style="text-align: center;">[21] <b>2,339,992</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 9/16 6A61K 9/20 6A61K 9/22 6A61K 9/28 6A61K 9/30 6A61K 9/32 6A61K 9/36</b> [25] EN [54] <b>ORALLY DISINTEGRABLE TABLET FORMING A VISCOUS SLURRY</b> [54] <b>COMPRIME SE DESAGREGEANT DANS LA BOUCHE POUR FORMER UNE PULPE VISQUEUSE</b> [72] PATHER, S. INDIRAN, US [72] KHANKARI, RAJENDRA K., US [72] KOSITPRAPA, UNCHALEE, US [72] SIEBERT, JOHN M., US [71] CIMA LABS INC., US [85] 2001-02-08 [86] 1999-08-12 (PCT/US99/18400) [87] 2000-02-24 (WO00/09090) [30] US (60/096,265) 1998-08-12 [30] US (09/372,738) 1999-08-11</p>
<p style="text-align: center;">[21] <b>2,339,988</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 7/48 7A61K 7/06 7C11D 3/382 7A61K 35/78</b> [25] EN [54] <b>TOPICAL LOTION CONTAINING OATSTRAW</b> [54] <b>LOTION A ACTION LOCALE, A BASE DE PAILLE D'AVOINE</b> [72] MIGNAULT, LORRAINE, CA [71] MIGNAULT, LORRAINE, CA [85] 2001-02-08 [86] 1999-08-04 (PCT/CA99/00735) [87] 2000-02-17 (WO00/07556) [30] US (60/095,440) 1998-08-05</p>	<p style="text-align: center;">[21] <b>2,339,991</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 9/28 6A61K 9/14 6A61K 9/46</b> [25] EN [54] <b>MICROEMULSIONS AS SOLID DOSAGE FORMS FOR ORAL ADMINISTRATION</b> [54] <b>MICROEMULSIONS COMME FORMES PHARMACEUTIQUES SOLIDES DESTINEES A UNE ADMINISTRATION ORALE</b> [72] PATHER, S. INDIRAN, US [72] GUPTA, SANGEETA V., US [72] KHANKARI, RAJENDRA K., US [72] HONTZ, JOHN, US [72] ROBINSON, JOSEPH R., US [72] EICHMAN, JONATHAN D., US [72] KUMBALE, RAMYA, US [71] CIMA LABS INC., US [85] 2001-02-08 [86] 1999-08-13 (PCT/US99/18552) [87] 2000-02-24 (WO00/09093) [30] US (60/096,347) 1998-08-13</p>	<p style="text-align: center;">[21] <b>2,339,993</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C10G 59/06</b> [25] EN [54] <b>PROCESS FOR PRODUCTION OF AROMATICS IN PARALLEL REFORMERS</b> [54] <b>PROCEDE DE PRODUCTION DE SUBSTANCES AROMATIQUES DANS DES REFORMEURS PARALLELES</b> [72] NACAMULI, GERALD J., US [71] CHEVRON CHEMICAL COMPANY LLC, US [85] 2001-02-08 [86] 1999-08-16 (PCT/US99/18568) [87] 2000-02-24 (WO00/09633) [30] US (60/096,826) 1998-08-17</p>
<p style="text-align: center;">[21] <b>2,339,989</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A63B 53/04 7A63B 53/00</b> [25] EN [54] <b>IRON GOLF CLUB HEAD, IRON GOLF CLUB, AND IRON GOLF CLUB SET</b> [54] <b>TETE DE CLUB DE GOLF EN FER, CLUB DE GOLF EN FER, ET ENSEMBLE DE CLUBS DE GOLF EN FER</b> [72] IWATA, MOTOTAKA, JP [72] NAGAO, HIROSHI, JP [72] SAKAI, KOJI, JP [71] MIZUNO CORPORATION, JP [85] 2001-02-08 [86] 2000-05-24 (PCT/JP00/03336) [87] 2001-01-04 (WO01/00283) [30] JP (11/180728) 1999-06-25</p>	<p style="text-align: center;">[21] <b>2,339,994</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C01G 45/00 7C01G 49/00 7G01N 33/00 7G01N 27/12</b> [25] EN [54] <b>MATERIALS FOR SOLID-STATE GAS SENSORS</b> [54] <b>MATERIAUX POUR CAPTEURS DE GAZ A SEMI-CONDUCTEURS</b> [72] WILLIAMS, DAVID EDWARD, GB [71] CAPTEUR SENSORS AND ANALYSERS LIMITED, GB [85] 2001-02-08 [86] 1999-10-26 (PCT/GB99/03532) [87] 2000-05-04 (WO00/24677) [30] GB (9823428.9) 1998-10-26</p>	



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[21] **2,339,995**  
[13] A1  
[51] **Int.Cl. 6A47J 27/14**  
[25] EN  
[54] **RICE PROCESSING APPARATUS WITH CONTINUOUSLY STEAMING AND BOILING**  
[54] **DISPOSITIF POUR TRAITER LE RIZ AU MOYEN D'UN DISPOSITIF POUR BOUILLIR ETA LA VAPEUR FONCTIONNANT EN CONTINU**  
[72] ISHII, YOSHIO, JP  
[72] TANAKA, TAKASHI, JP  
[72] MIYAGAWA, TOMOYUKI, JP  
[71] SHOWA SANGYO CO., LTD., JP  
[85] 2001-02-08  
[86] 1999-08-06 (PCT/JP99/04260)  
[87] 2000-02-24 (WO00/08986)  
[30] US (09/134,439) 1998-08-14

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[21] **2,339,996**  
[13] A1  
[51] **Int.Cl. 7A61K 31/40**  
[25] EN  
[54] **METHOD FOR TREATING HOT FLASHES IN HUMANS**  
[54] **TRAITEMENT DES BOUFFEES DE CHALEUR CHEZ DES SUJETS HUMAINS**  
[72] URMAN, JEFFREY D., US  
[72] BOBROVE, ARTHUR M., US  
[71] URMAN, JEFFREY D., US  
[71] BOBROVE, ARTHUR M., US  
[85] 2001-02-08  
[86] 1999-08-31 (PCT/US99/19693)  
[87] 2000-03-09 (WO00/12087)  
[30] US (60/098,629) 1998-08-31  
[30] US (09/184,512) 1998-11-02  
[30] US (09/360,074) 1999-07-23

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[21] **2,339,997**  
[13] A1  
[51] **Int.Cl. 7C07C 67/343 7C07C 69/618**  
[25] EN  
[54] **METHOD FOR PRODUCING ATROPIC ACID ETHYL ESTER**  
[54] **PROCEDE PERMETTANT DE FABRIQUER UN ETHYLESTER D'ACIDE ATROPIQUE**  
[72] THYES, MARCO, DE  
[72] WENZ, CONNY, DE  
[72] SCHNEIDER, ULRICH, DE  
[72] FALKENBERG, WOLFGANG, DE  
[71] KNOLL AKTIENGESELLSCHAFT, DE  
[85] 2001-02-08  
[86] 1999-07-28 (PCT/EP99/05403)  
[87] 2000-02-24 (WO00/09469)  
[30] DE (198 36 222.6) 1998-08-11

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[21] **2,340,009**  
[13] A1  
[51] **Int.Cl. 7A63G 31/16**  
[25] EN  
[54] **AMUSEMENT PARK WITH PASSENGER VEHICLE CARRYING RIDES**  
[54] **PARC D'ATTRACTIONS A ATTRACTIONS VEHICULANT DES VOITURES DE TOURISME**  
[72] OCHI, YASUSHI, JP  
[71] ORIENTAL SANGYO CO., LTD., JP  
[85] 2001-02-09  
[86] 1999-09-02 (PCT/JP99/04777)  
[87] 2000-03-16 (WO00/13759)  
[30] US (09/149,030) 1998-09-08  
[30] US (09/385,852) 1999-08-30

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[21] **2,340,011**  
[13] A1  
[51] **Int.Cl. 7H04M 11/06 7H04B 7/24**  
[25] EN  
[54] **METHOD FOR CONTROLLING DATA TRANSMISSION IN A WIRELESS V.24 DATA TRANSMISSION SYSTEM**  
[54] **PROCEDE POUR COMMANDER LA TRANSMISSION DE DONNEES DANS UN SYSTEME DE TRANSMISSION DE DONNEES V.24 SANS FIL EXPLOITE ENTRE UN TERMINAL ET UN DISPOSITIF DE TRANSMISSION DE DONNEES EXPLOITE POUR LA TELECOMMUNICATION DE DONNEES**  
[72] BIEDERMANN, ROLF, DE  
[72] MUHLE, KLAUS, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2001-02-09  
[86] 1999-08-04 (PCT/DE99/02417)  
[87] 2000-02-24 (WO00/10290)  
[30] DE (198 36 574.8) 1998-08-12

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[21] **2,340,013**  
[13] A1  
[51] **Int.Cl. 7A01N 57/20 7A01N 39/04 7A01N 47/06 7A01N 41/10 7A01N 43/10 7A01N 33/18 7A01N 37/22 7A01N 47/36 7A01N 37/40 7A01N 43/40 7A01N 43/50 7A01N 43/70 7A01N 43/80 7A01N 43/824 7A01N 43/90**  
[25] EN  
[54] **HERBICIDES FOR TOLERANT OR RESISTANT CORN CULTURES**  
[54] **AGENTS HERBICIDES POUR CULTURES DE MAIS TOLERANTES OU RESISTANTES**  
[72] HACKER, ERWIN, DE  
[72] BIERINGER, HERMANN, DE  
[72] WILLMS, LOTHAR, DE  
[71] AVENTIS CROPSCIENCE GMBH, DE  
[85] 2001-02-12  
[86] 1999-08-10 (PCT/EP99/05796)  
[87] 2000-02-24 (WO00/08936)  
[30] DE (198 36 737.6) 1998-08-13  
[30] DE (199 19 993.0) 1999-04-30

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[21] **2,340,032**  
[13] A1  
[51] **Int.Cl. 6B42D 15/00**  
[25] EN  
[54] **SYSTEM AND METHOD OF EMPLOYING A SINGLE BAR CODE FOR COORDINATING SHIPPING AND RECEIVING INFORMATION**  
[54] **UTILISATION D'UN UNIQUE CODE A BARRES POUR COORDONNER LES INFORMATIONS D'EXPEDITION AVEC LES INFORMATIONS DE RECEPTION ET SYSTEME A CET EFFET**  
[72] GALLAGHER, THOMAS P., US  
[72] MACY, BARBARA REID, US  
[72] SAVINO, JOHN E., US  
[72] SCULLY, MICHAEL JOHN, US  
[72] TONEY, ELIZABETH D., US  
[72] HARLOW, ERNEST R., US  
[72] NAGLIERI, JAMES W., US  
[71] UNITED TECHNOLOGIES CORPORATION, US  
[85] 2001-02-09  
[86] 1999-08-13 (PCT/US99/18320)  
[87] 2000-02-24 (WO00/10111)  
[30] US (09/134,570) 1998-08-14

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[21] **2,340,036**  
[13] A1

[51] **Int.Cl. 6B29C 45/18 6C08K 3/34**  
[25] EN  
[54] **METHOD OF MOLDING LARGE THIN PARTS FROM REINFORCED PLASTIC MATERIAL**  
[54] **PROCEDE DE MOULAGE DE GRANDES PIECES MINCES EN MATIERE PLASTIQUE RENFORCEE**  
[72] WILSON, PHILIP S., US  
[71] MAGNA INTERNATIONAL OF AMERICA, INC., US  
[85] 2001-02-09  
[86] 1999-08-11 (PCT/US99/18157)  
[87] 2000-02-24 (WO00/09310)  
[30] US (60/096,158) 1998-08-11

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[21] **2,340,039**  
[13] A1

[51] **Int.Cl. 7A43B 13/18 7A43B 21/26**  
[25] EN  
[54] **SOLE CONSTRUCTION FOR ENERGY STORAGE AND REBOUND**  
[54] **CONSTRUCTION DE SEMELLE ASSURANT UN STOCKAGE D'ENERGIE ET UN REBONDISSEMENT**  
[72] RUSSELL, BRIAN A., US  
[71] BRITEK FOOTWEAR DEVELOPMENT, LLC, US  
[85] 2001-02-09  
[86] 1999-08-16 (PCT/US99/18670)  
[87] 2000-03-02 (WO00/10417)  
[30] US (09/135,974) 1998-08-18

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[21] **2,340,041**  
[13] A1

[51] **Int.Cl. 7C08J 5/18 7C08L 23/04 7C08L 23/06**  
[25] EN  
[54] **HIGH CLARITY POLYETHYLENE COMPOSITIONS**  
[54] **COMPOSITIONS A BASE DE POLYETHYLENE A HAUTE TRANSPARENCE**  
[72] HITCHCOCK, AMY BROSSETTE, US  
[72] HODGE, ANDRE DE'ARRICK, US  
[71] EASTMAN CHEMICAL COMPANY, US  
[85] 2001-02-09  
[86] 1999-07-27 (PCT/US99/16905)  
[87] 2000-02-24 (WO00/09594)  
[30] US (09/132,203) 1998-08-11

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[21] **2,340,042**  
[13] A1

[51] **Int.Cl. 7H01S 5/32**  
[25] EN  
[54] **INJECTION LASER**  
[54] **LASER A INJECTION**  
[72] SHVEIKIN, VASILY IVANOVICH, RU  
[71] SHVEIKIN, VASILY IVANOVICH, RU  
[85] 2001-02-09  
[86] 1999-08-05 (PCT/RU99/00275)  
[87] 2000-02-24 (WO00/10235)  
[30] RU (98114581) 1998-08-10

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[21] **2,340,043**  
[13] A1

[51] **Int.Cl. 7A61B 5/00 7A61J 17/00 7A61B 5/087**  
[25] EN  
[54] **SYSTEM FOR NEONATAL NURSING DEVELOPMENT**  
[54] **SYSTEME DESTINE AU DEVELOPPEMENT NEONATAL SURVEILLE**  
[72] GOLDFIELD, EUGENE C., US  
[71] CHILDREN'S MEDICAL CENTER CORPORATION, US  
[85] 2001-02-09  
[86] 1999-08-04 (PCT/US99/17683)  
[87] 2000-02-24 (WO00/09006)  
[30] US (09/132,015) 1998-08-10

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[21] **2,340,044**  
[13] A1

[51] **Int.Cl. 7C03C 17/25 7C03C 17/00 7B05B 15/04 7C23C 14/04 7C03C 17/34**  
[25] EN  
[54] **COMPOSITIONS, APPARATUS AND METHODS FOR FORMING COATINGS OF SELECTED COLOR ON A SUBSTRATE AND ARTICLES PRODUCED THEREBY**  
[54] **COMPOSITIONS, APPAREIL ET PROCEDES DE FORMATION DE REVETEMENTS D'UNE COULEUR CHOISIE SUR UN SUBSTRAT ET ARTICLES PRODUITS PAR CES PROCEDES**

[72] SLOBODNIK, JOHN B., US  
[72] KUTILEK, LUKE A., US  
[72] SCRIVEN, ROGER L., US  
[72] GREENBERG, CHARLES B., US  
[72] ATHEY, PATRICIA RUZAKOWSKI, US  
[71] PPG INDUSTRIES OHIO, INC., US  
[85] 2001-02-09  
[86] 1999-08-11 (PCT/US99/18415)  
[87] 2000-02-24 (WO00/09457)  
[30] US (60/096,415) 1998-08-13  
[30] US (09/270,701) 1999-03-17  
[30] US (09/270,702) 1999-03-17

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[21] **2,340,046**  
[13] A1

[51] **Int.Cl. 7H01M 8/02 7H01M 8/10**  
[25] EN  
[54] **PEM FUEL CELL WITH IMPROVED LONG-TERM PERFORMANCE, METHOD FOR OPERATING A PEM FUEL CELL AND PEM FUEL CELL STORAGE BATTERY**  
[54] **PILE A COMBUSTIBLE A MEMBRANE ELECTROLYTIQUE POLYMERE A PERFORMANCE AMELIOREE SUR LA DUREE, PROCEDE DE FONCTIONNEMENT D'UNE PILE DE CE TYPE ET ACCUMULATEUR POUR PILE A COMBUSTIBLE A MEMBRANE ELECTROLYTIQUE POLYMERE**  
[72] GEBHARDT, ULRICH, DE  
[72] BOENSEL, HARALD, DE  
[72] WAIDHAS, MANFRED, DE  
[72] DECKERS, GREGOR, DE  
[71] AXIVA GMBH, DE  
[85] 2001-02-09  
[86] 1999-07-01 (PCT/EP99/04570)  
[87] 2000-02-24 (WO00/10215)  
[30] DE (198 36 142.4) 1998-08-10  
[30] DE (298 15 330.0) 1998-08-26

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[21] **2,340,049**  
[13] A1

[51] **Int.Cl. 7C08F 220/18 7C09D 4/00 7C09J 4/00 7C08F 230/02 7C09K 3/10 7F16J 15/14**

[25] EN

[54] **METHOD OF BONDING ALUMINIUM SUBSTRATES WITH ANAEROBIC SEALANTS TO FORM A SEAL**

[54] **PROCEDE POUR LIER DES SUBSTRATS D'ALUMINIUM AVEC DES PRODUITS D'ETANCHEITE ANAEROBIES EN VUE DE FORMER UN ELEMENT D'ETANCHEITE**

[72] WROBEL, PETER, IE  
[72] HOULIHAN, JAMES, IE  
[71] LOCTITE (R&D) LIMITED, IE  
[85] 2001-02-09  
[86] 1999-07-30 (PCT/EP99/05573)  
[87] 2000-05-25 (WO00/29456)  
[30] IE (980948) 1998-11-16

[21] **2,340,050**  
[13] A1

[51] **Int.Cl. 7B26D 3/16 7B23D 45/12 7B26D 1/16**

[25] EN

[54] **PORTABLE SAWING APPARATUS**

[54] **APPAREIL A SCIER PORTABLE**

[72] ATKINS, DAVID JOHN, GB  
[71] VESTIKA OY, FI  
[85] 2001-02-09  
[86] 1999-08-12 (PCT/GB99/02660)  
[87] 2000-02-24 (WO00/09300)  
[30] GB (9817692.8) 1998-08-13

[21] **2,340,052**  
[13] A1

[51] **Int.Cl. 7A61K 31/365 7A61K 9/00 7A61P 3/04 7A61K 9/16 7A61K 47/36**

[25] EN

[54] **PHARMACEUTICAL COMPOSITIONS CONTAINING LIPASE INHIBITORS AND CHITOSAN**

[54] **COMPOSITIONS PHARMACEUTIQUES CONTENANT DES INHIBITEURS DE LIPASES ET DU CHITOSANE**

[72] FLEURY, ANDRE, CH  
[72] LENGSELD, HANS, CH  
[72] HADVARY, PAUL, CH  
[72] STEFFEN, HANS, CH  
[72] BAILLY, JACQUES, FR  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2001-02-09  
[86] 1999-08-06 (PCT/EP99/05693)  
[87] 2000-02-24 (WO00/09123)  
[30] EP (98115310.9) 1998-08-14  
[30] EP (99109430.1) 1999-05-11

[21] **2,340,053**  
[13] A1

[51] **Int.Cl. 6A61K 31/47 6C07C 279/10 6C07D 215/22 6A61K 31/275 6C07C 255/33**

[25] EN

[54] **C3A RECEPTOR LIGANDS**

[54] **LIGANDS DU RECEPTEUR DE C3A**

[72] BONDINELL, WILLIAM E., US  
[72] LEE, DENNIS, US  
[72] JUREWICZ, ANTHONY J., US  
[71] SMITHKLINE BEECHAM CORPORATION, US  
[85] 2001-02-09  
[86] 1999-08-11 (PCT/US99/18256)  
[87] 2000-02-24 (WO00/09129)  
[30] US (60/096,055) 1998-08-11

[21] **2,340,054**  
[13] A1

[51] **Int.Cl. 7A61K 9/28 7A61K 9/20 7A61K 31/44**

[25] EN

[54] **ORAL ADMINISTRATION FORM FOR PYRIDIN-2-YLMETHYLSULFINYL-1H-BENZIMIDAZOLES**

[54] **FORME D'ADMINISTRATION ORALE DES PYRIDIN-2-YLMETHYLSULFINYL-1H-BENZIMIDAZOLES -**

[72] NEY, HARTMUT, DE  
[72] DIETRICH, RANGO, DE  
[71] BYK GULDEN LOMBERG CHEMISCHE FABRIK GMBH, DE  
[85] 2001-02-12  
[86] 1999-08-07 (PCT/EP99/05724)  
[87] 2000-02-24 (WO00/09092)  
[30] EP (98115141.8) 1998-08-12

[21] **2,340,055**  
[13] A1

[51] **Int.Cl. 6G06F 17/60**

[25] EN

[54] **APPARATUS FOR AND METHOD OF ELECTRONIC CURRENCY GENERATION, TRANSFER AND REDEMPTION**

[54] **PROCEDE ET DISPOSITIF DE GENERATION, DE VIREMENT ET DE RACHAT DE MONNAIE ELECTRONIQUE**

[72] FUISZ, RICHARD C., US  
[71] FUISZ, RICHARD C., US  
[85] 2001-02-09  
[86] 1999-08-12 (PCT/US99/18356)  
[87] 2000-02-24 (WO00/10068)  
[30] US (09/133,824) 1998-08-13

[21] **2,340,056**  
[13] A1

[51] **Int.Cl. 7A61K 31/365 7A61K 9/00 7A61P 3/04**

[25] EN

[54] **PHARMACEUTICAL COMPOSITIONS CONTAINING LIPASE INHIBITORS**

[54] **COMPOSITIONS PHARMACEUTIQUES COMPORTANT DES INHIBITEURS DE LIPASE**

[72] MEIER, MARCEL, CH  
[72] MAERKI, HANS-PETER, CH  
[72] HUG, MANUELA, DE  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2001-02-09  
[86] 1999-08-02 (PCT/EP99/05607)  
[87] 2000-02-24 (WO00/09122)  
[30] EP (98115311.7) 1998-08-14  
[30] EP (99109516.7) 1999-05-12

[21] **2,340,057**  
[13] A1

[51] **Int.Cl. 6C02F 5/10 6D21H 21/38**

[25] EN

[54] **PROCESS FOR THE INHIBITION OF SCALE IN HARSH SYSTEMS AND NOVEL ANTISCALANTS FOR SAME**

[54] **PROCEDE D'INHIBITION D'INCRUSTATIONS DANS DES SYSTEMES A CONDITIONS SEVERES ET ANTI-INCRUSTATION ASSOCIES**

[72] REED, PETER EDWARD, US  
[72] SEVERTSON, STEVEN JOHN, US  
[72] MORRIS, JOHN DAVID, US  
[72] DUGGIRALA, PRASAD YOGENDRA, US  
[71] NALCO CHEMICAL COMPANY, US  
[85] 2001-02-12  
[86] 1999-06-21 (PCT/US99/13976)  
[87] 2000-03-09 (WO00/12436)  
[30] US (09/144,145) 1998-08-31

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<p style="text-align: center;">[21] <b>2,340,058</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04M 11/06 7H04B 7/24</b> [25] EN [54] <b>METHOD FOR CONTROLLING DATA TRANSMISSION IN A WIRELESS V.24 DATA TRANSMISSION SYSTEM OPERATING BETWEEN A DATA TERMINAL AND A DATA TRANSMISSION DEVICE FOR DATA TELECOMMUNICATION</b> [54] <b>PROCEDE POUR COMMANDER LA TRANSMISSION DE DONNEES DANS UN SYSTEME DE TRANSMISSION DE DONNEES V.24 SANS FIL EXPLOITE ENTRE UN TERMINAL ET UN DISPOSITIF DE TRANSMISSION DE DONNEES POUR LA TELECOMMUNICATION DE DONNEES</b> [72] GARCIA ALFARO, DIEGO, DE [72] BIEDERMANN, ROLF, DE [71] SIEMENS AKTIENGESELLSCHAFT, DE [85] 2001-02-09 [86] 1999-08-04 (PCT/DE99/02420) [87] 2000-02-24 (WO00/10293) [30] DE (198 36 608.6) 1998-08-12</p>	<p style="text-align: center;">[21] <b>2,340,060</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 5/10 7A61K 48/00</b> [25] EN [54] <b>HUMAN MESENCEPHALON CELL LINES AND METHODS OF USE THEREFOR</b> [54] <b>LIGNEES CELLULAIRES DU MESENCEPHALE HUMAIN ET PROCEDES D'UTILISATION DESDITES LIGNEES CELLULAIRES</b> [72] SAH, DINAH W., US [72] RAYMON, HEATHER K., US [71] SIGNAL PHARMACEUTICALS, INC., US [85] 2001-02-09 [86] 1999-08-12 (PCT/US99/18403) [87] 2000-02-24 (WO00/09669) [30] US (09/134,771) 1998-08-12</p>	<p style="text-align: center;">[21] <b>2,340,062</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G02B 6/02 6H04J 14/00 6H04J 14/02 6H04B 10/04 6H04B 10/06 6H04J 14/08 6G02B 6/26 6G02B 6/28 6G02B 6/34</b> [25] EN [54] <b>TIME-WAVELENGTH MULTIPLE ACCESS OPTICAL COMMUNICATION SYSTEMS AND METHODS</b> [54] <b>SYSTEMES ET PROCEDES DE COMMUNICATION OPTIQUE A ACCES MULTIPLE, A CODES LONGUEURS D'ONDE-TEMPS</b> [72] MOSSBERG, THOMAS, US [72] MUNROE, MICHAEL, US [72] SWEETSER, JOHN, US [72] GRUNNET-JEPSEN, ANDERS, US [71] TEMPLEX TECHNOLOGY, INC., US [85] 2001-02-09 [86] 1999-08-10 (PCT/US99/18083) [87] 2000-02-24 (WO00/10038) [30] US (60/095,992) 1998-08-10 [30] US (60/119,464) 1999-02-10 [30] US (09/354,851) 1999-07-16</p>
<p style="text-align: center;">[21] <b>2,340,059</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B81B 3/00 7B81C 1/00</b> [25] EN [54] <b>MICROMECHANICAL SENSOR AND CORRESPONDING PRODUCTION METHOD</b> [54] <b>CAPTEUR MICROMECHANIQUE ET SON PROCEDE DE PRODUCTION</b> [72] AIGNER, ROBERT, DE [72] BEVER, THOMAS, DE [72] TIMME, HANS-JORG, DE [71] INFINEON TECHNOLOGIES AG, DE [85] 2001-02-09 [86] 1999-08-03 (PCT/DE99/02375) [87] 2000-02-24 (WO00/09440) [30] DE (198 36 342.7) 1998-08-11</p>	<p style="text-align: center;">[21] <b>2,340,061</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F23D 11/36</b> [25] EN [54] <b>LIGHTER HAVING GUARD MEMBER AND BLOCKING MEMBERS</b> [54] <b>BRIQUET MUNI D'UN ELEMENT DE PROTECTION ET D'ELEMENTS DE BLOCAGE</b> [72] FRIGIERE, RENE D., FR [72] DOUCET, MICHEL J. M., FR [71] BIC CORPORATION, US [85] 2001-02-09 [86] 1999-04-16 (PCT/US99/08336) [87] 1999-10-28 (WO99/54661) [30] US (09/061,911) 1998-04-17</p>	<p style="text-align: center;">[21] <b>2,340,063</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G09G 5/00 6F21L 15/14</b> [25] EN [54] <b>HEAD MOUNTED DISPLAY SYSTEM WITH FLEXIBLE DISPLAY MODULE SUPPORT</b> [54] <b>SYSTEME DE VISIOCASQUE A SUPPORT DE MODULE D'AFFICHAGE FLEXIBLE</b> [72] CONE, GEORGE W., US [72] SOWARD, DALLAS, US [72] WILLIAMS, WES, US [72] ROBINSON, JOEL, US [71] VIRTUAL VISION, INC., US [85] 2001-02-09 [86] 1999-08-10 (PCT/US99/18103) [87] 2000-02-24 (WO00/10156) [30] US (09/132,714) 1998-08-12 [30] US (09/370,429) 1999-08-09</p>

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<p style="text-align: right;">[21] <b>2,340,064</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A63F 13/12</b> [25] EN [54] <b>GAME CONTROLLER, ENTERTAINMENT SYSTEM, GAME EXECUTION METHOD AND METHOD OF DOWNLOADING GAME SOFTWARE PROGRAM</b> [54] <b>UNITE DE COMMANDE DE JEU, EQUIPEMENT DE JEU, PROCEDE D'EXECUTION DE JEU ET PROCEDE DE TELECHARGEMENT D'UN LOGICIEL DE JEU</b> [72] KITA, KAZUHIRO, JP [72] TOBISHIMA, TAKAAKI, JP [71] SONY CORPORATION, JP [85] 2001-02-12 [86] 2000-05-25 (PCT/JP00/03367) [87] 2000-12-21 (WO00/76611) [30] JP (11/167224) 1999-06-14 [30] JP (2000/118514) 2000-04-14</p>	<p style="text-align: right;">[21] <b>2,340,070</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 39/02 6A61K 39/00 6A01N 63/00</b> [25] EN [54] <b>NON-VIRULENT PORPHYROMONAS GINGIVALIS MUTANT</b> [54] <b>MUTANT NON-VIRULENT DU PORPHYROMONAS GINGIVALIS</b> [72] FLETCHER, HANSEL M., US [85] 2001-02-09 [71] LOMA LINDA UNIVERSITY, US [86] 1999-08-11 (PCT/US99/18197) [87] 2000-02-24 (WO00/09156) [30] US (09/133,089) 1998-08-12</p>	<p style="text-align: right;">[21] <b>2,340,081</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G02B 6/12</b> [25] EN [54] <b>COMPOSITE PHOTONIC CRYSTALS</b> [54] <b>CRISTAUX PHOTONIQUES COMPOSITES</b> [72] JOHNSON, STEVEN G., US [72] VILLENEUVE, PIERRE R., US [72] FAN, SHANHUI, US [72] JOANNOPOULOS, JOHN D., US [72] KOLODZIEJSKI, LESLIE, US [71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US [85] 2001-02-09 [86] 1999-08-11 (PCT/US99/18181) [87] 2000-02-24 (WO00/10040) [30] US (09/132,580) 1998-08-11</p>
<p style="text-align: right;">[21] <b>2,340,066</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E21D 15/48</b> [25] EN [54] <b>INFLATABLE MINE SUPPORT</b> [54] <b>SOUTENEMENT GONFLABLE POUR MINES</b> [72] DEGVILLE, DAVID NEIL, US [71] FOSROC INTERNATIONAL LIMITED, GB [85] 2001-02-12 [86] 1999-08-12 (PCT/GB99/02493) [87] 2000-02-24 (WO00/09858) [30] US (60/096,639) 1998-08-14</p>	<p style="text-align: right;">[21] <b>2,340,074</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12Q 1/26 6C12N 9/04 6C12N 9/90</b> [25] EN [54] <b>CRYSTAL STRUCTURE OF ESCHERICHIA COLI GDP-FUCOSE SYNTHETASE AND METHODS OF ITS USE</b> [54] <b>STRUCTURE CRISTALLINE DE GDP-FUCOSE SYNTHETASE D'ESCHERICHIA COLI ET PROCEDES D'UTILISATION DE CELLE-CI</b> [72] SOMERS, WILLIAM S., US [72] SULLIVAN, FRANCIS X., US [72] STAHL, MARK L., US [71] AMERICAN HOME PRODUCTS CORPORATION, US [85] 2001-02-09 [86] 1999-08-13 (PCT/US99/18441) [87] 2000-02-24 (WO00/09744) [30] US (60/096,452) 1998-08-13</p>	<p style="text-align: right;">[21] <b>2,340,083</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G02F 1/153 7C25D 5/02 7C07D 241/46</b> [25] EN [54] <b>REVERSIBLE ELECTROCHEMICAL MIRROR (REM) WITH IMPROVED ELECTROLYTIC SOLUTION</b> [54] <b>MIROIR ELECTROCHIMIQUE REVERSIBLE (REM) AVEC UNE SOLUTION ELECTROLYTIQUE AMELIOREE</b> [72] WARREN, LESLIE F., JR., US [72] TENCH, MORGAN D., US [72] CUNNINGHAM, MICHAEL A., US [71] ROCKWELL SCIENCE CENTER, LLC, US [85] 2001-02-09 [86] 2000-06-20 (PCT/US00/16858) [87] 2001-01-25 (WO01/06312) [30] US (09/356,730) 1999-07-19</p>
<p style="text-align: right;">[21] <b>2,340,068</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/535 6C07D 265/30</b> [25] EN [54] <b>CALCILYTIC COMPOUNDS</b> [54] <b>COMPOSES CALCILYTIQUES</b> [72] BHATNAGAR, PRADIP K., US [72] LAGO, AMPARO MARIE, US [71] SMITHKLINE BEECHAM CORPORATION, US [85] 2001-02-12 [86] 1999-08-12 (PCT/US99/18378) [87] 2000-02-24 (WO00/09132) [30] US (60/096,335) 1998-08-12</p>	<p style="text-align: right;">[21] <b>2,340,075</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61N 1/32</b> [25] EN [54] <b>APPARATUS AND METHOD FOR THE DELIVERY OF DRUGS AND GENES INTO TISSUE</b> [54] <b>APPAREIL ET PROCEDE D'ADMINISTRATION DE MEDICAMENTS ET DE GENES DANS LES TISSUS</b> [72] HOFFMAN, GUNTER A., US [72] RABUSSAY, DIETMAR, US [72] TONNESSEN, ARNT, US [71] GENETRONICS, INC., US [85] 2001-02-12 [86] 1999-05-14 (PCT/US99/10664) [87] 2000-02-24 (WO00/09205) [30] US (09/134,245) 1998-08-14</p>	

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[21] **2,340,085**  
[13] A1

[51] **Int.Cl. 7C12N 5/06 7C12N 15/79**  
[25] EN  
[54] **ENGINEERED ANTIGEN-  
PRESENTING CELLS EXPRESSING AN  
ARRAY OF ANTIGENS AND USES  
THEREOF**  
[54] **CELLULES PRESENTATRICES  
D'ANTIGENES MODIFIEES  
GENETIQUEMENT, EXPRIMANT UN  
GROUPE D'ANTIGENES, ET LEURS  
METHODES D'UTILISATION**  
[72] WILLIAMS, LEWIS T., US  
[72] FONG, TIMOTHY, US  
[72] ESCOBEDO, JAIME, US  
[72] COLLINS, AMY L., US  
[72] GIEDLIN, MARTIN, US  
[71] CHIRON CORPORATION, US  
[85] 2001-02-09  
[86] 1999-08-10 (PCT/US99/18087)  
[87] 2000-02-24 (WO00/09665)  
[30] US (60/096,131) 1998-08-10

[21] **2,340,086**  
[13] A1

[51] **Int.Cl. 6A61K 48/00 6C12M 3/00  
6C12N 5/02**  
[25] EN  
[54] **A METHOD OF TRANSDUCING  
MAMMALIAN CELLS, AND  
PRODUCTS RELATED THERETO**  
[54] **PROCEDE RELATIF A LA  
TRANSDUCTION DE CELLULES  
MAMMALIENNES, ET PRODUITS  
CONNEXES**  
[72] MALECH, HARRY L., US  
[71] THE UNITED STATES OF AMERICA,  
REPRESENTED BY DEPARTMENT OF  
HEALTH AND HU, US  
[85] 2001-02-09  
[86] 1998-08-11 (PCT/US98/16699)  
[87] 2000-02-24 (WO00/09168)

[21] **2,340,087**  
[13] A1

[51] **Int.Cl. 7C10M 105/04 7C10G 65/04  
7C10M 169/04 7C10M 137/10**  
[25] EN  
[54] **PREMIUM WEAR RESISTANT  
LUBRICANT**  
[54] **LUBRIFIANT DE PREMIERE  
QUALITE RESISTANT A L'USURE**  
[72] BERLOWITZ, PAUL JOSEPH, US  
[72] WITTENBRINK, ROBERT JAY, US  
[72] HABEEB, JACOB JOSEPH, US  
[71] EXXON RESEARCH AND  
ENGINEERING COMPANY, US  
[85] 2001-02-09  
[86] 1999-08-24 (PCT/US99/19360)  
[87] 2000-03-16 (WO00/14188)  
[30] US (09/148,281) 1998-09-04

[21] **2,340,088**  
[13] A1

[51] **Int.Cl. 7G07F 19/00**  
[25] EN  
[54] **APPARATUS FOR CONTROL AND  
CERTIFICATION OF THE DELIVERY  
OF GOODS OBJECT OF ELECTRONIC  
COMMERCE AND FOR THE  
CONCURRENT CONTROL AND  
CERTIFICATION OF THE EXECUTION  
OF THE RELATED PAYMENT**  
[54] **APPAREIL POUR GERER ET  
CERTIFIER LA DISTRIBUTION DE  
BIENS ECHANGES  
ELECTRONIQUEMENT, ET POUR  
GERER ET CERTIFIER  
SIMULTANEMENT L'EXECUTION  
DES PAIEMENTS Y RELATIFS**  
[72] ARCIERI, FRANCO, IT  
[72] TALAMO, MAURIZIO, IT  
[72] MARINELLI, GUIDO MARIA, IT  
[71] ALASI DI ARCIERI FRANCO & C.  
S.A.S., IT  
[85] 2001-02-09  
[86] 1999-08-11 (PCT/IT99/00263)  
[87] 2000-02-24 (WO00/10142)  
[30] IT (RM98A000541) 1998-08-12

[21] **2,340,089**  
[13] A1

[51] **Int.Cl. 7A61H 1/02**  
[25] EN  
[54] **ORTHOTIC APPARATUS AND  
METHOD FOR USING SAME**  
[54] **APPAREIL ORTHOSTATIQUE ET  
SON PROCEDE D'UTILISATION**  
[72] BRANCH, THOMAS P., US  
[71] BRANCH, THOMAS P., US  
[85] 2001-02-09  
[86] 1999-08-10 (PCT/US99/18074)  
[87] 2000-02-24 (WO00/09066)  
[30] US (60/096,105) 1998-08-10  
[30] US (60/096,104) 1998-08-10  
[30] US (60/095,952) 1998-08-10

[21] **2,340,090**  
[13] A1

[51] **Int.Cl. 6A21D 2/16 6A21D 8/00  
6A21D 13/00**  
[25] EN  
[54] **FROZEN PIE DOUGH SHOWING  
GOOD RISING**  
[54] **PATE A GATEAUX CONGELEE  
LEVANT BIEN**  
[72] NAKAHARA, MASASHI, JP  
[72] FURUHASHI, TOSHIAKI, JP  
[71] JAPAN TOBACCO INC., JP  
[85] 2001-02-09  
[86] 1999-06-29 (PCT/JP99/03495)  
[87] 2000-02-24 (WO00/08941)  
[30] JP (10/227334) 1998-08-11

[21] **2,340,091**  
[13] A1

[51] **Int.Cl. 7A61K 39/395 7A61K 38/00  
7C07K 16/00**  
[25] EN  
[54] **COMBINATION THERAPIES FOR  
B-CELL LYMPHOMAS COMPRISING  
ADMINISTRATION OF ANTI-CD20  
ANTIBODY**  
[54] **THERAPIES D'ASSOCIATION  
CONTRE LES LYMPHOMES MALINS A  
CELLULES B PAR  
L'ADMINISTRATION D'ANTICORPS  
ANTI-CD20**  
[72] GRILLO-LOPEZ, ANTONIO, US  
[71] IDEC PHARMACEUTICALS  
CORPORATION, US  
[85] 2002-02-09  
[86] 1999-08-11 (PCT/US99/18120)  
[87] 2000-02-24 (WO00/09160)  
[30] US (60/096,180) 1998-08-11

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[21] **2,340,092**  
[13] A1  
[51] **Int.Cl. 7C07D 217/04 7C07D 217/02 7C07D 217/06 7C07D 221/20 7A61K 31/472**  
[25] EN  
[54] **SUBSTITUTED ISOQUINOLINE DERIVATIVES AND THEIR USE AS ANTICONVULSIVANTS**  
[54] **DERIVES D'ISOQUINOLINE SUBSTITUES ET LEUR UTILISATION COMME ANTIEPILEPTIQUES**  
[72] HEER, JAG PAUL, GB  
[72] THOMPSON, MERVYN, GB  
[72] HARLING, JOHN DAVID, GB  
[71] SMITHKLINE BEECHAM P.L.C., GB  
[85] 2001-02-09  
[86] 1999-08-06 (PCT/EP99/05762)  
[87] 2000-02-24 (WO00/09486)  
[30] GB (9817424.6) 1998-08-11

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[21] **2,340,093**  
[13] A1  
[51] **Int.Cl. 7G06F 17/00**  
[25] EN  
[54] **METHODS, APPARATUS, AND SYSTEMS FOR STORING, RETRIEVING AND PLAYING MULTIMEDIA DATA**  
[54] **PROCEDES, DISPOSITIFS ET SYSTEMES POUR LE STOCKAGE, LA RECUPERATION ET LA LECTURE DE DONNEES MULTIMEDIA**  
[72] SCHEYEN, PETER G. N., CA  
[72] MCRAE, PAUL E., CA  
[71] LIBERATE TECHNOLOGIES LLC, US  
[85] 2001-02-08  
[86] 2000-06-08 (PCT/US00/15938)  
[87] 2000-12-21 (WO00/77664)  
[30] US (09/330,904) 1999-06-11

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[21] **2,340,094**  
[13] A1  
[51] **Int.Cl. 7G11B 5/39 7H01L 43/08 7G01R 33/09 7H01F 10/32**  
[25] EN  
[54] **SEED LAYER FOR A NICKEL OXIDE PINNING LAYER FOR INCREASING THE MAGNETORESISTANCE OF A SPIN VALVE SENSOR**  
[54] **COUCHE GERME POUR COUCHE DE FIXATION D'OXYDE DE NICKEL DESTINEE A ACCROITRE LA RESISTANCE MAGNETIQUE D'UN CAPTEUR D'ONDE DE SPIN**  
[72] PINARBASI, MUSTAFA, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[85] 2001-02-09  
[86] 1999-11-26 (PCT/GB99/03933)  
[87] 2000-06-15 (WO00/34946)  
[30] US (09/205,470) 1998-12-04

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[21] **2,340,095**  
[13] A1  
[51] **Int.Cl. 7C07H 21/04**  
[25] EN  
[54] **CANINE GROWTH HORMONE SECRETAGOGUE RECEPTOR**  
[54] **RECEPTEUR DE SECRETAGOGUE D'HORMONE DE CROISSANCE CANINE**  
[72] TAN, CARINA P., US  
[72] SMITH, ROY G., US  
[72] HOWARD, ANDREW D., US  
[72] PALYHA, OKSANA C., US  
[71] MERCK & CO., INC., US  
[85] 2001-02-09  
[86] 1999-08-06 (PCT/US99/17915)  
[87] 2000-02-24 (WO00/09538)  
[30] US (60/095,960) 1998-08-10

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[21] **2,340,097**  
[13] A1  
[51] **Int.Cl. 6G06G 7/57 6G01N 21/03**  
[25] EN  
[54] **ON-SITE ANALYZER**  
[54] **ANALYSEUR SUR SITE**  
[72] ABUNEAJ, YOSEF, US  
[72] COATES, JOHN, US  
[72] ROSENBAUM, NEIL, US  
[71] GLOBAL TECHNOVATIONS, INC., US  
[85] 2001-02-09  
[86] 1999-08-12 (PCT/US99/18360)  
[87] 2000-02-24 (WO00/09985)  
[30] US (60/096,494) 1998-08-14

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[21] **2,340,098**  
[13] A1  
[51] **Int.Cl. 7C11B 3/10 7C11B 3/00 7C01B 33/16**  
[25] EN  
[54] **PROCESS AND COMPOSITION FOR REFINING OILS USING METAL-SUBSTITUTED SILICA XEROGELS**  
[54] **PROCEDE ET COMPOSITION DE RAFFINAGE D'HUILES AU MOYEN DE XEROGELS DE SILICE A SUBSTITUTION METAL**  
[72] BROZZETTI, ADAM J., US  
[72] CANESSA, CARLOS E., US  
[71] PQ HOLDING, INC., US  
[85] 2001-02-09  
[86] 1999-08-11 (PCT/US99/18259)  
[87] 2000-02-24 (WO00/09638)  
[30] US (09/134,445) 1998-08-14

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[21] **2,340,099**  
[13] A1  
[51] **Int.Cl. 7A23L 3/3436**  
[25] EN  
[54] **OXYGEN SCAVENGING PACKAGING**  
[54] **EMBALLAGE DESOXYGENANT**  
[72] RODGERS, BRAD D., US  
[72] GOODRICH, JOSEPH L., US  
[72] LEONARD, JAMES P., US  
[72] CHING, TA YEN, US  
[72] JERDEE, GARY D., US  
[72] SCHMIDT, RICHARD P., US  
[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US  
[85] 2001-02-09  
[86] 1999-08-18 (PCT/US99/18781)  
[87] 2000-03-09 (WO00/11972)  
[30] US (09/141,168) 1998-08-27

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[21] **2,340,100**  
[13] A1

[51] **Int.Cl. 6C07D 207/04 6C07D 401/04 6C07D 405/04 6C07D 409/04 6C07D 471/04 6C07D 495/04 6C07D 498/04 6C07D 513/04 6C07D 491/048 6C07D 235/08 6C07D 417/12 6C07D 295/22 6C07D 217/26 6C07D 233/26 6C07D 277/28 6C07D 211/34 6A61K 31/415 6A61K 31/435 6C07D 209/44 6A61K 31/44 6A61K 31/445 6A61K 31/47 6C07D 215/48 6C07D 239/48 6A61K 31/495 6A61K 31/505 6A61K 31/53 6A61K 31/535 6A61K 31/54 6A61K 31/55 6C07D 213/56 6C07D 233/64 6C07D 333/68 6C07D 307/85**

[25] EN  
[54] **NOVEL SULFONYL DERIVATIVES**  
[54] **NOUVEAUX DERIVES SULFONYLE**

[72] YOSHINO, TOSHIHARU, JP  
[72] NAGAHARA, TAKAYASU, JP  
[72] NAGATA, TSUTOMU, JP  
[72] KOMORIYA, SATOSHI, JP  
[72] KOBAYASHI, SYOZO, JP  
[72] HORINO, HARUHIKO, JP  
[72] MOCHIZUKI, AKIYOSHI, JP  
[72] SUZUKI, MASANORI, JP  
[72] HAGINOYA, NORIYASU, JP  
[72] ITO, MASAYUKI, JP  
[71] DAIICHI PHARMACEUTICAL CO., LTD., JP

[85] 2001-02-09  
[86] 1999-08-11 (PCT/JP99/04344)  
[87] 2000-02-24 (WO00/09480)  
[30] JP (10/227449) 1998-08-11  
[30] JP (10/244175) 1998-08-28  
[30] JP (10/251674) 1998-09-04

[21] **2,340,101**  
[13] A1

[51] **Int.Cl. 6B41M 1/10 6B41F 9/00 6D21H 19/10**

[25] EN  
[54] **GRAVURE PRINTING METHOD**  
[54] **PHOTOGRAVURE**

[72] KINOSHITA, MUNEAKI, JP  
[72] TOKUNAGA, BIN, JP  
[72] NISHIDA, NOBUKATSU, JP  
[71] SAGAWA PRINTING CO., LTD., JP

[85] 2001-02-08  
[86] 1998-08-17 (PCT/JP98/03651)  
[87] 2000-02-24 (WO00/09343)

[21] **2,340,103**  
[13] A1

[51] **Int.Cl. 7A23L 1/09 7A23L 1/308**

[25] EN  
[54] **CARBOHYDRATES MIXTURE**  
[54] **MELANGES D'HYDRATES DE CARBONE**

[72] SAWATZKI, GUNTHER, DE  
[72] STAHL, BERND, DE  
[71] N.V. NUTRICIA, NL

[85] 2001-02-09  
[86] 1999-08-11 (PCT/EP99/05878)  
[87] 2000-02-24 (WO00/08948)  
[30] DE (198 36 339.7) 1998-08-11

[21] **2,340,104**  
[13] A1

[51] **Int.Cl. 7H04Q 11/00**

[25] EN  
[54] **USE OF CIC TO IDENTIFY CALLS WHEN USING ISUP IN CONJUNCTION WITH AAL TYPE 2 SIGNALING PROTOCOL**

[54] **CODE D'IDENTIFICATION CIRCUIT PERMETTANT D'IDENTIFIER DES APPELS LORS DE L'UTILISATION DU SYSTEME ISUP AVEC UN PROTOCOLE DE SIGNALISATION AAL, TYPE 2**

[72] GRAF, LESLIE, AU  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE

[85] 2001-02-08  
[86] 1999-08-27 (PCT/SE99/01477)  
[87] 2000-03-16 (WO00/14994)  
[30] US (09/149,175) 1998-09-08

[21] **2,340,105**  
[13] A1

[51] **Int.Cl. 6F02M 25/08**

[25] EN  
[54] **EVAPORATED FUEL PROCESSING DEVICE OF INTERNAL COMBUSTION ENGINE**

[54] **DISPOSITIF DE TRAITEMENT DE CARBURANT EVAPORE, DE MOTEUR A COMBUSTION INTERNE**

[72] TAKAGI, NAOYA, JP  
[72] HYODO, YOSHIHIKO, JP  
[72] MURAI, TOSHIMI, JP  
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP

[85] 2001-02-09  
[86] 1999-08-04 (PCT/JP99/04218)  
[87] 2000-02-24 (WO00/09881)  
[30] JP (10/226017) 1998-08-10  
[30] JP (10/363092) 1998-12-21  
[30] JP (10/363131) 1998-12-21

[21] **2,340,106**  
[13] A1

[51] **Int.Cl. 6C07K 1/26**

[25] EN  
[54] **PURIFICATION OF BLOOD CLOTTING PROTEINS**  
[54] **PURIFICATION DE PROTEINES INTERVENANT DANS LA COAGULATION DU SANG**

[72] NAIR, CHENICHERI HARIHARAN, AU  
[72] RYLATT, DENNIS BRYAN, AU  
[72] GILBERT, ANDREW MARK, AU  
[71] GRADIPORE LIMITED, AU

[85] 2001-02-09  
[86] 1999-08-11 (PCT/AU99/00653)  
[87] 2000-02-24 (WO00/09540)  
[30] AU (PP 5212) 1998-08-12

[21] **2,340,107**  
[13] A1

[51] **Int.Cl. 7F23R 3/04**

[25] EN  
[54] **GAS TURBINE AND GAS TURBINE COMBUSTOR**  
[54] **TURBINE A GAZ ET CHAMBRE DE COMBUSTION A TURBINE A GAZ**

[72] TSUKUDA, YOSHIKI, JP  
[72] AKITA, EIJI, JP  
[72] MANDAI, SHIGEMI, JP  
[72] ARIMURA, HISATO, JP  
[72] KAWATA, YUTAKA, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP

[85] 2001-02-09  
[86] 2000-06-08 (PCT/JP00/03716)  
[87] 2000-12-14 (WO00/75573)  
[30] JP (11/162520) 1999-06-09



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[21] **2,340,108**  
[13] A1

[51] **Int.Cl. 7H01L 21/60 7H01L 23/12**  
[25] EN  
[54] **SEMICONDUCTOR PACKAGE, SEMICONDUCTOR DEVICE, ELECTRONIC DEVICE AND PRODUCTION METHOD FOR SEMICONDUCTOR PACKAGE**  
[54] **BOITIER A SEMI-CONDUCTEUR, DISPOSITIF SEMI-CONDUCTEUR, DISPOSITIF ELECTRONIQUE ET PROCEDE DE FABRICATION DE BOITIER A SEMI-CONDUCTEUR**  
[72] INABA, MASATOSHI, JP  
[72] SUZUKI, TAKANAO, JP  
[72] KAIZU, MASAHIRO, JP  
[72] OMINATO, TADANORI, JP  
[72] KUROSAKA, AKIHITO, JP  
[71] FUJIKURA, LTD., JP  
[85] 2001-02-09  
[86] 2000-06-12 (PCT/JP00/03804)  
[87] 2000-12-21 (WO00/77843)  
[30] JP (11/166090) 1999-06-11

[21] **2,340,109**  
[13] A1

[51] **Int.Cl. 6G06F 13/00**  
[25] EN  
[54] **SYSTEM AND METHOD FOR ANALYZING WEB-SERVER LOG FILES**  
[54] **ANALYSE DES FICHIERS JOURNAUX DE SERVEURS WEB, ET SYSTEME A CET EFFET**  
[72] BOYD, WILLIAM GLEN, US  
[72] SHAPIRA, ELIJAHU, US  
[71] WEBTRENDS CORPORATION, US  
[85] 2001-02-09  
[86] 1999-08-11 (PCT/US99/18282)  
[87] 2000-02-24 (WO00/10093)  
[30] US (09/132,287) 1998-08-11

[21] **2,340,111**  
[13] A1

[51] **Int.Cl. 7H01B 1/24 7H01M 8/02 7C08K 7/06 7H01M 4/96**  
[25] EN  
[54] **ELECTRICALLY CONDUCTIVE LAYER MATERIAL**  
[54] **MATERIAU STRATIFIE ELECTROCONDUCTEUR**  
[72] ROSENMAYER, GUNTHER, DE  
[71] MANHATTAN SCIENTIFICS, INC., US  
[85] 2001-02-08  
[86] 1999-08-09 (PCT/DE99/02432)  
[87] 2000-02-24 (WO00/10174)  
[30] DE (198 36 267.6) 1998-08-11

[21] **2,340,112**  
[13] A1

[51] **Int.Cl. 7H01F 27/02**  
[25] EN  
[54] **INSERT FOR EXPANDABLE TRANSFORMER ENCLOSURE**  
[54] **PIECE RAPPORTEE POUR LOGEMENT A DIMENSION VARIABLE DE TRANSFORMATEUR**  
[72] MCCLOSKEY, SCOTT C., US  
[71] SQUARE D COMPANY, US  
[85] 2001-02-08  
[86] 2000-05-10 (PCT/US00/12726)  
[87] 2000-12-14 (WO00/75935)  
[30] US (09/329,120) 1999-06-09

[21] **2,340,113**  
[13] A1

[51] **Int.Cl. 6A61B 5/055**  
[25] EN  
[54] **METHOD OF EMPLOYING ANGLE IMAGES FOR MEASURING OBJECT MOTION IN TAGGED MAGNETIC RESONANCE IMAGING**  
[54] **PROCEDE D'UTILISATION D'IMAGES ANGULAIRES PERMETTANT DE MESURER UN DEPLACEMENT D'OBJET EN IMAGERIE PAR RESONANCE MAGNETIQUE MARQUEE**  
[72] OSMAN, NAEL F., US  
[72] PRINCE, JERRY L., US  
[71] THE JOHNS HOPKINS UNIVERSITY, US  
[85] 2001-02-08  
[86] 1999-08-09 (PCT/US99/17923)  
[87] 2000-02-24 (WO00/09010)  
[30] US (09/131,589) 1998-08-10

[21] **2,340,114**  
[13] A1

[51] **Int.Cl. 6G02B 26/08**  
[25] EN  
[54] **OPTICAL SWITCH, OPTICAL FIBER ARRANGEMENT MEMBER, THEIR MANUFACTURING METHOD, AND OPTICAL FIBER ARRANGING METHOD**  
[54] **COMMUTATEUR OPTIQUE, ELEMENT D'AGENCEMENT DE FIBRES OPTIQUES, PROCEDE DE FABRICATION CORRESPONDANT, ET PROCEDE D'AGENCEMENT DE FIBRES OPTIQUES**  
[72] SAITO, KAZUHITO, JP  
[72] KOHDA, HIROSHI, JP  
[72] KOMIYA, TAKEO, JP  
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP  
[85] 2001-02-08  
[86] 1999-05-12 (PCT/JP99/02450)  
[87] 2000-03-16 (WO00/14586)  
[30] JP (10/255543) 1998-09-09  
[30] JP (10/263221) 1998-09-17  
[30] JP (10/264498) 1998-09-18

[21] **2,340,116**  
[13] A1

[51] **Int.Cl. 7A61K 47/48 7A61K 7/28**  
[25] EN  
[54] **ANTIBODIES FOR USE IN TARGETED AND TEMPORARY TREATMENT OF HUMANS AND ANIMALS**  
[54] **ANTICORPS UTILISES DANS DES TRAITEMENTS CIBLES ET TEMPORAIRES DE SUJETS HUMAINS ET ANIMAUX**  
[72] RENGGLI, HEINZ HELMUT, NL  
[72] HORBACH, DANIELLE ANGEЛИQUE, NL  
[72] WOUTERS, STANISLAUS LAURENS JOHAN, NL  
[71] RENGGLI, HEINZ HELMUT, NL  
[71] HORBACH, DANIELLE ANGEЛИQUE, NL  
[71] WOUTERS, STANISLAUS LAURENS JOHAN, NL  
[85] 2001-02-09  
[86] 1999-08-10 (PCT/NL99/00509)  
[87] 2000-02-24 (WO00/09164)  
[30] NL (1009834) 1998-08-10

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[21] **2,340,117**  
[13] A1

[51] **Int.Cl. 7A61K 31/00 7A61P 25/06 7A61K 31/403**  
[25] EN  
[54] **TREATMENT OF VASODILATORY HEADACHE**  
[54] **TRAITEMENT DE LA CEPHALEE D'ORIGINE VASODILATRICE**  
[72] DILLY, STEPHEN, US  
[71] VERNALIS LIMITED, GB  
[85] 2001-02-09  
[86] 1999-08-16 (PCT/GB99/02695)  
[87] 2000-02-24 (WO00/09099)  
[30] GB (9817911.2) 1998-08-17

[21] **2,340,118**  
[13] A1

[51] **Int.Cl. 7A61K 9/127 7A61K 31/445**  
[25] EN  
[54] **LIPOSOMAL BUPIVACAINE COMPOSITIONS PREPARED USING AN AMMONIUM SULFATE GRADIENT**  
[54] **COMPOSITIONS DE LIPOSOMES DE BUPIVACAINE PREPAREES AU MOYEN D'UN GRADIENT DE SULFATE D'AMMONIUM**  
[72] TURNDORF, HERMAN, US  
[72] GRANT, GILBERT J., US  
[72] BARENHOLZ, YECHYZKEL, IL  
[72] BOLOTIN, ELIJAH M., US  
[72] PISKOUN, BORIS, US  
[71] YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALE, IL  
[71] NEW YORK UNIVERSITY, US  
[85] 2001-02-09  
[86] 1999-08-11 (PCT/US99/18411)  
[87] 2000-02-24 (WO00/09089)  
[30] US (60/096,331) 1998-08-12

[21] **2,340,119**  
[13] A1

[51] **Int.Cl. 7B65D 83/14 7A61M 35/00**  
[25] EN  
[54] **ACTUATOR SYSTEM FOR SPRAYING A FORMULATION ONTO A HOST**  
[54] **SYSTEME D'ACTIONNEUR POUR PULVERISER UNE FORMULATION SUR UN HOTE**  
[72] WILSON, JAMES A., US  
[72] ARSENAULT, CATHLEEN M., US  
[72] WIRTANEN, DAVID J., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2001-02-19  
[86] 1999-07-27 (PCT/US99/16948)  
[87] 2000-03-02 (WO00/10889)  
[30] US (09/137,378) 1998-08-20

[21] **2,340,120**  
[13] A1

[51] **Int.Cl. 6A01N 25/34 6A61F 13/02 6A61L 15/16 6A61K 47/32 6A61K 9/70**  
[25] EN  
[54] **TRANSDERMALLY DELIVERED ASPIRIN**  
[54] **ASPIRINE ADMINISTREE PAR VOIE TRANSDERMIQUE**  
[72] GALAT, ALEXANDER, US  
[71] GALAT, ALEXANDER, US  
[85] 2001-02-09  
[86] 1999-06-11 (PCT/US99/12793)  
[87] 2000-12-21 (WO00/76315)  
[30] US (09/329,349) 1999-06-10

[21] **2,340,121**  
[13] A1

[51] **Int.Cl. 7E04C 3/14**  
[25] EN  
[54] **Z-STUD STRUCTURAL MEMBER**  
[54] **ELEMENT DE STRUCTURE MONTANT EN FORME DE Z**  
[72] MALCOLM, BRETT, CA  
[71] MALCOLM, BRETT, CA  
[85] 2001-02-09  
[86] 1999-06-10 (PCT/CA99/00542)  
[87] 2000-12-21 (WO00/77319)

[21] **2,340,122**  
[13] A1

[51] **Int.Cl. 6A61L 15/64**  
[25] EN  
[54] **TOPICALLY ABSORBENT HEMOSTATIC MATERIAL**  
[54] **MATERIAU HEMOSTATIQUE ABSORBANT LOCALEMENT**  
[72] SHIMIZU, YASUHIKO, JP  
[72] YAMAMOTO, YASUMICHI, JP  
[72] MATSUMOTO, KAZUYA, JP  
[71] TAPIC INTERNATIONAL CO., LTD., JP

[71] SHIMIZU, YASUHIKO, JP  
[85] 2001-02-09  
[86] 1999-08-03 (PCT/JP99/04156)  
[87] 2000-02-24 (WO00/09175)  
[30] JP (10/229551) 1998-08-14

[21] **2,340,123**  
[13] A1

[51] **Int.Cl. 7H02M 7/48**  
[25] EN  
[54] **INVERTER FOR INJECTING SINUSOIDAL CURRENTS INTO AN ALTERNATING CURRENT NETWORK**  
[54] **ONDULEUR POUR L'INJECTION DE COURANTS SINUSOIDAUX DANS UN RESEAU A COURANT ALTERNATIF**  
[72] WOBVEN, ALOYS, DE  
[71] WOBVEN, ALOYS, DE  
[85] 2001-02-19  
[86] 1999-09-07 (PCT/EP99/06565)  
[87] 2000-03-30 (WO00/17995)  
[30] DE (198 43 692.0) 1998-09-24

[21] **2,340,124**  
[13] A1

[51] **Int.Cl. 7A43B 17/02 7A43B 7/14**  
[25] EN  
[54] **CUSTOMIZABLE ORTHOTIC WITH RESILIENT, DYNAMIC SUPPORT AND SIMPLIFIED ADJUSTABLE FOOT CUSHIONING AND SUPPORT SHOE INSERT**  
[54] **ORTHESE PERSONNALISABLE A SUPPORT ELASTIQUE ET DYNAMIQUE ET GARNITURE INTERIEURE DE CHAUSSURE SIMPLIFIEE, MATELASSEE ET AJUSTABLE AU PIED**  
[72] TOLWIN, HINDY KELLERMAN, US  
[72] KELLERMAN, DAVID, US  
[71] KELLERMAN COMPANY, LLC, US  
[85] 2001-02-19  
[86] 2000-05-22 (PCT/US00/14178)  
[87] 2000-11-30 (WO00/70984)  
[30] US (60/135,300) 1999-05-21  
[30] US (60/159,842) 1999-10-15

[21] **2,340,125**  
[13] A1

[51] **Int.Cl. 7H01F 27/30 7H01F 41/12**  
[25] EN  
[54] **TRANSFORMER COIL SUPPORT STRUCTURE**  
[54] **STRUCTURE DE SUPPORT DE BOBINE DE TRANSFORMATEUR**  
[72] HAY, NOAH D., US  
[72] KING, GARY D., US  
[71] SQUARE D COMPANY, US  
[85] 2001-02-12  
[86] 2000-05-10 (PCT/US00/12739)  
[87] 2000-12-21 (WO00/77801)  
[30] US (09/334,230) 1999-06-16

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[21] **2,340,126**  
[13] A1  
[51] **Int.Cl. 7A01J 5/007 7A01J 5/08**  
[25] EN  
[54] **AN IMPLEMENT FOR MILKING ANIMALS, SUCH AS COWS**  
[54] **MATERIEL DE TRAITE D'ANIMAUX TELS QUE DES VACHES**  
[72] VAN DEN BERG, KAREL, NL  
[71] LELY RESEARCH HOLDING AG, CH  
[85] 2001-02-12  
[86] 2000-05-16 (PCT/NL00/00324)  
[87] 2001-01-18 (WO01/03497)  
[30] NL (1012529) 1999-07-07

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[21] **2,340,127**  
[13] A1  
[51] **Int.Cl. 6B60N 3/00**  
[25] EN  
[54] **MOTOR VEHICLE TRAY**  
[54] **PLATEAU POUR VEHICULE A MOTEUR**  
[72] MEEUS, EMMANUEL, BE  
[72] STIERNON, GONTRAN, BE  
[71] MEEUS, EMMANUEL, BE  
[71] STIERNON, GONTRAN, BE  
[85] 2001-02-12  
[86] 1998-08-26 (PCT/BE98/00126)  
[87] 2000-03-09 (WO00/12352)

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[21] **2,340,128**  
[13] A1  
[51] **Int.Cl. 7A61C 3/00**  
[25] EN  
[54] **DENTAL INSTRUMENT**  
[54] **INSTRUMENT DENTAIRE**  
[72] BORNSTEIN, ROLF, SE  
[72] CARLSSON, LENNART, SE  
[72] ERICSON, DAN, SE  
[71] MEDITEAM DENTALUTVECKLING I GOTEBOG AB, SE  
[85] 2001-02-12  
[86] 1999-08-26 (PCT/SE99/01459)  
[87] 2000-03-09 (WO00/12022)  
[30] SE (9802868-1) 1998-08-27

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[21] **2,340,129**  
[13] A1  
[51] **Int.Cl. 7C09B 47/26 7C07D 209/00 7C07D 259/00 7C07D 487/22**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF SUBSTITUTED AMIDO PHTHALOCYANINE DERIVATIVES AND SUBSTITUTED AMIDO PHTHALOCYANINE DERIVATIVES**  
[54] **PROCEDE DE PREPARATION DE DERIVES AMIDO PHTHALOCYANINE SUBSTITUES ET DERIVES AMIDOPHTHALOCYANINE SUBSTITUES**  
[72] HEALY, THOMAS, GB  
[72] EWINS, CAIRAN THOMAS, GB  
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH  
[85] 2001-02-12  
[86] 1999-08-10 (PCT/EP99/05802)  
[87] 2000-03-09 (WO00/12632)  
[30] GB (9818831.1) 1998-08-29

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[21] **2,340,130**  
[13] A1  
[51] **Int.Cl. 7A61K 9/10 7A61K 9/20**  
[25] EN  
[54] **LIQUID PHARMACEUTICAL FOR ORAL DELIVERY**  
[54] **PRODUIT PHARMACEUTIQUE LIQUIDE POUR ADMINISTRATION PAR VOIE ORALE**  
[72] CHRAI, SUGGY S., US  
[72] MURARI, RAMASWAMY, US  
[71] DELSYS PHARMACEUTICAL CORPORATION, US  
[85] 2001-02-08  
[86] 1999-09-22 (PCT/US99/21752)  
[87] 2000-04-06 (WO00/18370)  
[30] US (60/101,897) 1998-09-25

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[21] **2,340,131**  
[13] A1  
[51] **Int.Cl. 6A23L 1/00**  
[25] EN  
[54] **FEED WITHDRAWAL COMPOSITIONS AND METHODS**  
[54] **COMPOSITIONS POUR JEUNE ET LEUR ADMINISTRATION**  
[72] VASILATOS-YOUNKEN, REGINA, US  
[71] THE PENN STATE RESEARCH FOUNDATION, US  
[85] 2001-02-12  
[86] 1999-07-23 (PCT/US99/16902)  
[87] 2000-02-24 (WO00/08949)  
[30] US (60/096,074) 1998-08-11  
[30] US (60/117,068) 1999-01-25

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[21] **2,340,132**  
[13] A1  
[51] **Int.Cl. 6B29C 47/06 6F21V 9/06 6B32B 5/16**  
[25] EN  
[54] **A SOLAR CONTROL PIGMENTED THERMOPLASTIC POLYMER SHEET**  
[54] **FEUILLE POLYMEREE THERMOPLASTIQUE PIGMENTEE PERMETTANT LE PASSAGE DES RAYONS SOLAIRES**  
[72] RIOS, PABLO FABIAN, IL  
[72] BEN-ZVI, GUY, IL  
[71] PALTOUGH INDUSTRIES (1998) LTD., IL  
[85] 2001-02-12  
[86] 1999-03-15 (PCT/IL99/00144)  
[87] 2000-02-24 (WO00/09312)  
[30] US (60/096,531) 1998-08-13

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[21] **2,340,135**  
[13] A1  
[51] **Int.Cl. 7B60S 9/02**  
[25] EN  
[54] **SUPPORT FOOT**  
[54] **PIED D'APPUI**  
[72] ALGUERA GALLEGO, JOSE MANUEL, DE  
[72] MULLER, GERALD, DE  
[72] PFISTER, STEFFEN, DE  
[71] JOST-WERKE AG, DE  
[85] 2001-02-08  
[86] 1999-08-28 (PCT/EP99/06337)  
[87] 2000-03-09 (WO00/12363)  
[30] DE (198 39 360.1) 1998-08-28

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[21] **2,340,136**  
[13] A1  
[51] **Int.Cl. 7H01J 9/34 7H01J 61/32 7H01J 5/58**  
[25] EN  
[54] **METHOD FOR MOUNTING THE BASE OF AN ELECTRIC LAMP**  
[54] **PROCEDE POUR CULOTTER UNE LAMPE ELECTRIQUE**  
[72] PILHOEFER, BERND, DE  
[72] DIEKMANN, RUEDIGER, DE  
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUHLAMPEN MBH, DE  
[85] 2001-02-08  
[86] 2000-06-14 (PCT/DE00/01935)  
[87] 2001-01-04 (WO01/01437)  
[30] DE (199 28 419.9) 1999-06-23

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[21] **2,340,137**  
[13] A1

[51] **Int.Cl. 7G07B 15/00**  
[25] EN  
[54] **DEBITING DEVICE FOR DEDUCTING TOLLS**  
[54] **APPAREIL DE DECOMPTE POUR DEBITER DES TAXES D'UTILISATION**  
[72] BARKER, RONALD, DE  
[72] GRUN, BERND, DE  
[72] WEBER, GUNTHER, DE  
[72] WIDL, ANDREAS, DE  
[71] MANNESMANN AG, DE  
[85] 2001-02-08  
[86] 1999-08-06 (PCT/DE99/02502)  
[87] 2000-02-24 (WO00/10133)  
[30] DE (198 37 488.7) 1998-08-12

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[21] **2,340,143**  
[13] A1

[51] **Int.Cl. 7H04Q 7/36**  
[25] EN  
[54] **METHOD AND SYSTEM FOR IMPROVING NETWORK RESOURCE UTILIZATION IN A CELLULAR COMMUNICATION SYSTEM**  
[54] **PROCEDE ET SYSTEME PERMETTANT D'AMELIORER L'UTILISATION DES RESSOURCES DU RESEAU DANS UN SYSTEME DE COMMUNICATION CELLULAIRE**  
[72] SCHULTZ, JOHAN, SE  
[72] OSTRUP, PETER, SE  
[72] JOHANSSON, LARS, SE  
[72] PALM, HAKAN, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-02-08  
[86] 1999-07-13 (PCT/SE99/01262)  
[87] 2000-02-24 (WO00/10355)  
[30] US (09/134,202) 1998-08-14

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[21] **2,340,160**  
[13] A1

[51] **Int.Cl. 7G10L 19/00 7G10L 19/14**  
[25] EN  
[54] **SPEECH CODING WITH BACKGROUND NOISE REPRODUCTION**  
[54] **CODAGE DE LA PAROLE AVEC REPRODUCTION DU BRUIT DE FOND**  
[72] SVEDBERG, JONAS, SE  
[72] UVLIDEN, ANDERS, SE  
[72] JOHANSSON, INGEMAR, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-02-08  
[86] 1999-09-10 (PCT/SE99/01582)  
[87] 2000-03-23 (WO00/16313)  
[30] US (09/154,361) 1998-09-16

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[21] **2,340,164**  
[13] A1

[51] **Int.Cl. 7H05B 3/36**  
[25] EN  
[54] **HEATING MEMBER WITH RESISTIVE SURFACE**  
[54] **ELEMENT CHAUFFANT A SURFACE DE RESISTANCE**  
[72] ELSASSER, MANFRED, AT  
[71] ELSASSER, MANFRED, AT  
[85] 2001-02-08  
[86] 1999-08-10 (PCT/EP99/05842)  
[87] 2000-02-24 (WO00/10365)  
[30] DE (198 36 148.3) 1998-08-10

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[21] **2,340,166**  
[13] A1

[51] **Int.Cl. 6H02M 1/08**  
[25] EN  
[54] **AN APPARATUS FOR CONTROLLING VOLTAGE-CHARGE CONTROLLED POWER SEMICONDUCTOR DEVICES**  
[54] **APPAREIL POUR COMMANDER DES COMPOSANTS A SEMI-CONDUCTEUR DE PUISSANCE**  
[54] **COMMANDES EN TENSION-CHARGE**  
[72] BELWON, WALDEMAR A., SE  
[71] DAIMLERCHRYSLER AG, DE  
[85] 2001-02-08  
[86] 1999-08-11 (PCT/SE99/01359)  
[87] 2000-02-24 (WO00/10243)  
[30] SE (9802712-1) 1998-08-12

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[21] **2,340,167**  
[13] A1

[51] **Int.Cl. 7C07D 239/52 7C07D 403/12 7C07D 239/34 7A61K 31/505 7C07D 239/70**  
[25] EN  
[54] **NEW CARBOXYLIC ACID DERIVATIVES CARRYING KETO SIDE-CHAINS, THEIR PRODUCTION AND THEIR USE AS ENDOTHELIN-RECEPTOR ANTAGONISTS**  
[54] **NOUVEAUX DERIVES DE L'ACIDE CARBONIQUE PORTEURS DE CHAINES LATERALES CETONE, LEUR FABRICATION ET LEUR UTILISATION COMME ANTAGONISTES DES RECEPTEURS DE L'ENDOTHELINE**  
[72] RASCHACK, MANFRED, DE  
[72] UNGER, LILIANE, DE  
[72] HERGENRODER, STEFAN, DE  
[72] KETTSCHAU, GEORG, DE  
[72] AMBERG, WILHELM, DE  
[72] JANSEN, ROLF, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2001-02-08  
[86] 1999-08-07 (PCT/EP99/05728)  
[87] 2000-02-24 (WO00/09489)  
[30] DE (198 36 044.4) 1998-08-10

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[21] **2,340,168**  
[13] A1

[51] **Int.Cl. 7C07D 403/06 7A61K 31/4184**  
[25] EN  
[54] **N-SUBSTITUTED AZABICYCLOHEPTANE DERIVATIVES, PRODUCTION AND USE THEREOF**  
[54] **DERIVES A SUBSTITUTION N D'AZABICYCLOHEPTANE, PREPARATION ET UTILISATION DESDITS DERIVES**  
[72] TESCHENDORF, HANS-JURGEN, DE  
[72] JUCHELKA, FRIEDER, DE  
[72] STEINER, GERD, DE  
[72] HOGER, THOMAS, DE  
[72] UNGER, LILIANE, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2001-02-08  
[86] 1999-07-20 (PCT/EP99/05166)  
[87] 2000-02-24 (WO00/09499)  
[30] DE (198 36 404.0) 1998-08-12

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[21] **2,340,171**  
[13] A1  
[51] **Int.Cl. 7B01F 3/06 7A61M 13/00**  
[25] EN  
[54] **APPARATUS FOR PRECISELY DISPENSING SMALL AMOUNTS OF ULTRA-FINE PARTICLES**  
[54] **DISPOSITIF PERMETTANT DE DISTRIBUER DE MANIERE PRECISE DE PETITES QUANTITES DE PARTICULES ULTRAFINES**  
[72] ZHU, JINGXU, CA  
[72] GRACE, JOHN R., CA  
[72] POURKAVOOS, NAZANEEN, US  
[71] THE UNIVERSITY OF WESTERN ONTARIO, CA  
[85] 2001-02-08  
[86] 1999-08-13 (PCT/CA99/00743)  
[87] 2000-02-24 (WO00/09249)  
[30] US (09/133,216) 1998-08-13

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[21] **2,340,184**  
[13] A1  
[51] **Int.Cl. 7H04Q 11/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR SESSION RECONSTRUCTION**  
[54] **PROCEDE ET DISPOSITIF DE RECONSTRUCTION DE SESSION**  
[72] GIVOLY, TAL, US  
[72] SCHWEITZER, LIMOR, IL  
[72] BLACK, DAMIAN SEAN, US  
[72] KUSHNIR, ORL BARUCH, US  
[71] XACCT TECHNOLOGIES, INC., US  
[85] 2001-02-12  
[86] 2000-06-26 (PCT/US00/17583)  
[87] 2001-01-04 (WO01/01726)  
[30] US (60/141,351) 1999-06-28  
[30] US (09/552,818) 2000-04-20  
[30] US (09/553,261) 2000-04-20

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[21] **2,340,186**  
[13] A1  
[51] **Int.Cl. 6B26B 13/26**  
[25] EN  
[54] **REMOTE GRIPPING OR CUTTING APPARATUS HAVING A ROTATABLE HEAD**  
[54] **APPAREIL DE PREHENSION OU DE COUPE A DISTANCE AVEC TETE ROTATIVE**  
[72] WIATROWSKI, DARRELL, US  
[72] SCHAEFER, MARK, US  
[72] RUTKOWSKI, ALAN, US  
[72] FREIMUTH, BILL, US  
[71] ALTERRA HOLDINGS CORPORATION, US  
[85] 2001-02-12  
[86] 1999-08-13 (PCT/US99/18003)  
[87] 2000-02-24 (WO00/09298)  
[30] US (09/134,361) 1998-08-14

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[21] **2,340,173**  
[13] A1  
[51] **Int.Cl. 6G01N 1/22 6G01N 33/00 6A61B 5/083 6A61B 5/097**  
[25] EN  
[54] **VOLATILE BIOMARKERS FOR ANALYSIS OF HEPATIC DISORDERS**  
[54] **BIOMARQUEURS VOLATILS DESTINES A L'ANALYSE DE TROUBLES HEPATIQUES**  
[72] RISBY, TERENCE H., US  
[72] JIANG, LONG, CA  
[72] SEHNERT, SHELLEY, US  
[72] BURDICK, JAMES F., US  
[71] THE JOHNS HOPKINS UNIVERSITY, US  
[85] 2001-02-12  
[86] 1999-08-27 (PCT/US99/19552)  
[87] 2000-03-09 (WO00/12995)  
[30] US (60/098,467) 1998-08-31

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[21] **2,340,185**  
[13] A1  
[51] **Int.Cl. 7A01N 57/20 7A01N 43/10 7A01N 33/18 7A01N 37/22 7A01N 47/30 7A01N 47/36 7A01N 37/38 7A01N 47/38 7A01N 43/40 7A01N 37/48 7A01N 43/50 7A01N 43/653 7A01N 43/76 7A01N 43/88 7A01N 43/90**  
[25] EN  
[54] **HERBICIDAL COMPOSITIONS FOR TOLERANT OR RESISTANT SOYBEAN CROPS**  
[54] **COMPOSITIONS D'HERBICIDES POUR CULTURES DE SOJA TOLERANTES OU RESISTANTES**  
[72] BIERINGER, HERMANN, DE  
[72] HACKER, ERWIN, DE  
[72] WILLMS, LOTHAR, DE  
[71] AVENTIS CROPS SCIENCE GMBH, DE  
[85] 2001-02-12  
[86] 1999-08-10 (PCT/EP99/05794)  
[87] 2000-02-24 (WO00/08934)  
[30] DE (198 36 660.4) 1998-08-13

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[21] **2,340,187**  
[13] A1  
[51] **Int.Cl. 7H04M 17/00 7H04M 15/00 7H04Q 7/22**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR PRERATING COSTS FOR A COMMUNICATION EVENT**  
[54] **SYSTEMES ET PROCEDES DE PRETAXATION D'EVENEMENT DE COMMUNICATION**  
[72] SENN, PAUL, US  
[72] WALKER, RICHARD J., US  
[71] BOSTON COMMUNICATION GROUP, INC., US  
[85] 2001-02-12  
[86] 1999-08-11 (PCT/US99/18200)  
[87] 2000-04-13 (WO00/21273)  
[30] US (60/096,065) 1998-08-11

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[21] **2,340,188**  
[13] A1  
[51] **Int.Cl. 6A61F 5/01**  
[25] EN  
[54] **METHOD AND INSTRUMENT FOR CORRECTING THE SHAPE OF AN EXTERNAL EAR**  
[54] **PROCEDE ET INSTRUMENT DE CORRECTION DE LA FORME D'UNE OREILLE EXTERNE**  
[72] SORRIBES, MICHAEL MIRAVET, DK  
[71] SORRIBES, MICHAEL MIRAVET, DK  
[85] 2001-02-12  
[86] 1998-08-12 (PCT/DK98/00346)  
[87] 2000-02-24 (WO00/09050)

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[21] **2,340,191**  
[13] A1

[51] **Int.Cl. 6C21B 13/14 6C21B 13/08**  
[25] EN  
[54] **DIRECT IRON AND STEELMAKING**  
[54] **FABRICATION DIRECTE DU FER ET DE L'ACIER**  
[72] SHERWOOD, WILLIAM LYON, CA  
[71] SHERWOOD, WILLIAM LYON, CA  
[85] 2001-02-12  
[86] 1998-08-21 (PCT/CA98/00794)  
[87] 1999-03-04 (WO99/10544)  
[30] US (08/916,395) 1997-08-22

[21] **2,340,192**  
[13] A1

[51] **Int.Cl. 7G02B 26/08 7G01C 19/00 7G01P 15/08**  
[25] EN  
[54] **MICROMACHINED MEMBERS COUPLED FOR RELATIVE ROTATION BY TORSIONAL FLEXURE HINGES**  
[54] **ELEMENTS MICRO-USINES COUPLES PERMETTANT UNE ROTATION RELATIVE AU MOYEN D'ARTICULATIONS DE FLEXION EN TORSION**  
[72] SLATER, TIMOTHY G., US  
[72] NEUKERMANS, ARMAND P., US  
[71] XROS, INC., US  
[85] 2001-02-12  
[86] 1999-09-02 (PCT/US99/20218)  
[87] 2000-03-09 (WO00/13210)  
[30] US (60/098,881) 1998-09-02  
[30] US (60/144,953) 1999-07-21

[21] **2,340,193**  
[13] A1

[51] **Int.Cl. 7A01N 57/20 7A01N 39/02 7A01N 39/04 7A01N 33/18 7A01N 47/30 7A01N 37/32 7A01N 47/36 7A01N 37/40 7A01N 43/40 7A01N 43/50 7A01N 43/653 7A01N 43/824**  
[25] EN  
[54] **HERBICIDIAL COMPOSITIONS FOR TOLERANT OR RESISTANT CEREAL CROPS**  
[54] **COMPOSITIONS D'HERBICIDES POUR CULTURES DE CEREALES TOLERANTES OU RESISTANTES**  
[72] BIERINGER, HERMANN, DE  
[72] WILLMS, LOTHAR, DE  
[72] HACKER, ERWIN, DE  
[71] AVENTIS CROPS SCIENCE GMBH, DE  
[85] 2001-02-12  
[86] 1999-08-10 (PCT/EP99/05801)  
[87] 2000-02-24 (WO00/08940)  
[30] DE (198 36 700.7) 1998-08-13

[21] **2,340,194**  
[13] A1

[51] **Int.Cl. 7A23L 1/217 7A23P 1/08**  
[25] EN  
[54] **OVEN-BAKED FRENCH FRIES HAVING EXTENDED HOLD TIME**  
[54] **POMMES DE TERRE FRITES CUITES AU FOUR A TEMPS DE MAINTIEN ALLONGE**  
[72] SIU, SUSANA WAIMIN, US  
[72] VOLKER, DAVID ALAN SR., US  
[72] COLLINGE, SUSAN F., US  
[72] SCAVONE, TIMOTHY ALAN, US  
[72] KESTER, JEFFREY J., US  
[71] J.R. SIMPLOT COMPANY, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-02-12  
[86] 1999-08-13 (PCT/US99/18592)  
[87] 2000-02-24 (WO00/08953)  
[30] US (60/096,362) 1998-08-13

[21] **2,340,195**  
[13] A1

[51] **Int.Cl. 6A61M 29/02**  
[25] EN  
[54] **EXPANDABLE LASER CATHETER**  
[54] **CATHETER LASER DILATABLE**  
[72] WINSTON, THOMAS R., US  
[72] NEET, JOHN M., US  
[71] INTRALUMINAL THERAPEUTICS, INC., US  
[85] 2001-02-12  
[86] 1999-07-29 (PCT/US99/17317)  
[87] 2000-02-24 (WO00/09196)  
[30] US (09/133,575) 1998-08-13

[21] **2,340,196**  
[13] A1

[51] **Int.Cl. 6F02G 3/02**  
[25] EN  
[54] **DUAL-CYLINDER EXPANDER ENGINE AND COMBUSTION METHOD WITH TWO EXPANSION STROKES PER CYCLE**  
[54] **MOTEUR EXPANSEUR A DEUX CYLINDRES ET PROCEDE DE COMBUSTION AVEC DEUX COURSES D'EXPANSION PAR CYCLE**  
[72] GRAY, CHARLES L., JR., US  
[71] UNITED STATES ENVIRONMENTAL PROTECTION AGENCY, US  
[85] 2001-02-12  
[86] 1999-06-25 (PCT/US99/14374)  
[87] 2000-02-24 (WO00/09879)  
[30] US (60/096,403) 1998-08-13

[21] **2,340,197**  
[13] A1

[51] **Int.Cl. 7C08L 71/12 7H01M 8/10 7C08L 27/16 7H01M 2/16 7H01M 6/18 7C08J 5/22 7H01M 10/40 7B01D 71/52**  
[25] EN  
[54] **BLEND MEMBRANES BASED ON SULFONATED POLY(PHENYLENE OXIDE) FOR ENHANCED POLYMER ELECTROCHEMICAL CELLS**  
[54] **MEMBRANES MELANGEES A BASE DE POLY(OXYDE DE PHENYLENE) SULFONE POUR CELLULES ELECTROCHIMIQUES POLYMERES AMELIOREES**  
[72] CABASSO, ISRAEL, US  
[72] YUAN, YOUXIN, US  
[72] MITTELSTEADT, CORTNEY, US  
[71] THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK, US  
[85] 2001-02-12  
[86] 1999-08-09 (PCT/US99/17991)  
[87] 2000-02-24 (WO00/09610)  
[30] US (09/133,228) 1998-08-13

[21] **2,340,198**  
[13] A1

[51] **Int.Cl. 6B65B 43/26 6B65B 43/18 6B65B 43/42**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MANIPULATING AND OPENING A BAG**  
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE MANIPULER ET D'OUVRIR UN SACHET**  
[72] HAYNES, CHRISTOPHER CHARLES, NZ  
[71] SEALED AIR (NZ) LIMITED, NZ  
[85] 2001-02-12  
[86] 1999-08-12 (PCT/NZ99/00130)  
[87] 2000-02-24 (WO00/09399)  
[30] NZ (331345) 1998-08-13  
[30] NZ (333420) 1998-12-17

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[21] **2,340,201**  
[13] A1

[51] **Int.Cl. 7H04B 7/26**  
[25] EN  
[54] **APPARATUS AND METHOD OF CONTROLLING FORWARD LINK POWER WHEN IN DISCONTINUOUS TRANSMISSION MODE IN A MOBILE COMMUNICATION SYSTEM**  
[54] **APPAREIL ET PROCEDURE DE REGLAGE D'UNE PUISSANCE DE LIAISON AVAL EN MODE DE TRANSMISSION DISCONTINUE DANS UN SYSTEME DE COMMUNICATION MOBILE**  
[72] PARK, JIN-SOO, KR  
[72] KIM, JONG-HAN, KR  
[72] MOON, HI-CHAN, KR  
[72] HWANG, JONG-YOON, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2001-02-12  
[86] 2000-06-28 (PCT/KR00/00677)  
[87] 2001-01-04 (WO01/01610)  
[30] KR (1999/25052) 1999-06-28  
[30] KR (1999/27390) 1999-07-08

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[21] **2,340,203**  
[13] A1

[51] **Int.Cl. 6A47K 10/24 6B32B 3/06 6B65H 5/28 6B32B 3/30**  
[25] EN  
[54] **DISPENSING FASTENER STRAPS**  
[54] **DISTRIBUTEUR DE BANDES DE FIXATION**  
[72] SHEPARD, WILLIAM H., US  
[71] VELCRO INDUSTRIES B.V., AN  
[85] 2001-02-12  
[86] 1999-07-29 (PCT/US99/17293)  
[87] 2000-02-24 (WO00/08992)  
[30] US (09/133,991) 1998-08-14

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[21] **2,340,205**  
[13] A1

[51] **Int.Cl. 7A61F 13/15 7D04H 1/54**  
[25] EN  
[54] **STRONG AND SOFT APERTURED NONWOVEN WEB**  
[54] **TOILE RIGIDE ET MOLLE NON TISSEE A OUVERTURES**  
[72] FLOHR, ANDREAS, DE  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-02-12  
[86] 1999-09-01 (PCT/US99/20126)  
[87] 2000-03-16 (WO00/13636)  
[30] EP (98116639.0) 1998-09-03

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[21] **2,340,206**  
[13] A1

[51] **Int.Cl. 7A61K 31/00 7A61P 15/10**  
[25] EN  
[54] **USE OF ANTI-PRESSOR AGENTS FOR VASCULAR REMODELING IN GENITAL DYSFUNCTION**  
[54] **METHODES DE REMODELISATION DES VOIES NEURONALES ET CARDIOVASCULAIRES**  
[72] HEATON, JEREMY P. W., CA  
[72] ADAMS, MICHAEL A., CA  
[71] QUEEN'S UNIVERSITY AT KINGSTON, CA  
[85] 2001-02-12  
[86] 1999-08-25 (PCT/CA99/00787)  
[87] 2000-03-09 (WO00/12110)  
[30] US (60/098,178) 1998-08-26

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[21] **2,340,207**  
[13] A1

[51] **Int.Cl. 6H01M 10/48 6H01M 10/42**  
[25] EN  
[54] **METHOD FOR JUDGING STATE OF SECONDARY CELL AND DEVICE FOR JUDGING STATE THEREOF, AND METHOD FOR REGENERATING SECONDARY CELL**  
[54] **PROCEDURE D'ESTIMATION DE L'ETAT D'UN ACCUMULATEUR, DISPOSITIF D'ESTIMATION DE SON ETAT ET PROCEDURE DE REGENERATION D'UN ACCUMULATEUR**  
[72] NAKAMURA, KENJI, JP  
[72] ITO, TAKASHI, JP  
[72] MINOHARA, TAKETOSHI, JP  
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
[85] 2001-02-12  
[86] 1999-07-16 (PCT/JP99/03866)  
[87] 2000-02-24 (WO00/10219)  
[30] JP (10/226307) 1998-08-10  
[30] JP (10/356664) 1998-12-15  
[30] JP (11/34890) 1999-02-12  
[30] JP (11/118732) 1999-04-26

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[21] **2,340,212**  
[13] A1

[51] **Int.Cl. 7B41M 3/00 7A63F 3/06**  
[25] EN  
[54] **LASER IMAGE ENGRAVING IN SCRATCH-OFF COATING APPLICATIONS**  
[54] **GRAVURE D'IMAGES AU LASER SUR DES FILMS A GRATTER**  
[72] CARIDES, JAMES J., US  
[72] RICH, BENNY R., US  
[71] DITTLER BROTHERS, INC., US  
[85] 2001-02-12  
[86] 1999-07-30 (PCT/US99/17373)  
[87] 2000-02-24 (WO00/09344)  
[30] US (09/132,387) 1998-08-11

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[21] **2,340,214**  
[13] A1

[51] **Int.Cl. 7C07D 327/04 7C07D 473/00 7C07D 411/04 7A61K 31/505**  
[25] EN  
[54] **METHOD OF MANUFACTURE OF 1,3-OXATHIOLANE NUCLEOSIDES**  
[54] **METHODE DE PRODUCTION DE NUCLEOSIDES DE 1,3-OXATHIOLANE**  
[72] SZNAIDMAN, MARCOS, US  
[72] CLEARY, DARRYL, US  
[72] ALMOND, MERRICK, US  
[72] SORIA, JOSE, US  
[72] LIOTTA, DENNIS C., US  
[72] PAINTER, GEORGE R., US  
[71] EMORY UNIVERSITY, US  
[71] TRIANGLE PHARMACEUTICALS, INC., US  
[85] 2001-02-12  
[86] 1999-08-12 (PCT/US99/18584)  
[87] 2000-02-24 (WO00/09494)  
[30] US (60/096,214) 1998-08-12  
[30] US (60/122,841) 1999-03-04

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[21] **2,340,215**  
[13] A1

[51] **Int.Cl. 7G10L 19/00**  
[25] EN  
[54] **WAVEFORM CODING METHOD**  
[54] **PROCEDURE DE CODAGE DE FORME D'ONDE**  
[72] KING, REGINALD ALFRED, GB  
[71] DOMAIN DYNAMICS LIMITED, GB  
[85] 2001-02-12  
[86] 1999-08-11 (PCT/GB99/02647)  
[87] 2000-02-24 (WO00/10161)  
[30] GB (9817500.3) 1998-08-12

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## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,340,216</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01N 27/00</b> [25] EN [54] <b>IMPROVEMENTS IN OR RELATING TO GAS SENSORS</b> [54] <b>AMELIORATIONS RELATIVES AUX DETECTEURS DE GAZ</b> [72] MOSELEY, PATRICK T., US [71] MOSELEY, PATRICK T., US [85] 2001-02-12 [86] 1999-08-10 (PCT/US99/18001) [87] 2000-02-24 (WO00/09995) [30] US (09/132,216) 1998-08-11</p>	<p style="text-align: right;">[21] <b>2,340,219</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B01D 35/30</b> [25] EN [54] <b>AIR PURIFIER</b> [54] <b>EPURATEUR D'AIR</b> [72] BOURQUE, STEPHEN, US [72] HUEHN, BARRY, CA [72] DEROS, YANI, US [71] THE HOLMES GROUP, INC., US [85] 2001-02-12 [86] 2000-07-07 (PCT/US00/18549) [87] 2001-01-18 (WO01/03799) [30] US (60/142,599) 1999-07-07 [30] US (60/176,413) 2000-01-14</p>	<p style="text-align: right;">[21] <b>2,340,221</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 9/51 7A61K 9/10 7A61K 31/192</b> [25] EN [54] <b>INJECTABLE FORMULATIONS OF NANOPARTICULATE NAPROXEN</b> [54] <b>FORMULATIONS INJECTABLES DE NANOPARTICULES DE NAPROXENE</b> [72] DE CASTRO, LAN, US [72] LEE, ROBERT, US [71] ELAN PHARMA INTERNATIONAL LIMITED, US [85] 2001-02-12 [86] 1999-08-12 (PCT/US99/18270) [87] 2000-02-24 (WO00/09096) [30] US (09/154,422) 1998-08-13</p>
<p style="text-align: right;">[21] <b>2,340,217</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08J 9/00 7C08J 9/38 7B29C 44/56</b> [25] EN [54] <b>PERFORATED FOAMS</b> [54] <b>MOUSSES PERFOREES</b> [72] PARK, CHUNG P., DE [71] THE DOW CHEMICAL COMPANY, US [85] 2001-02-12 [86] 1999-05-27 (PCT/US99/11754) [87] 2000-03-23 (WO00/15697) [30] US (60/100,699) 1998-09-17</p>	<p style="text-align: right;">[21] <b>2,340,220</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08L 57/00 7B05D 7/26</b> [25] EN [54] <b>THERMOSETTING COMPOSITIONS CONTAINING CARBOXYLIC ACID FUNCTIONAL POLYMERS PREPARED BY ATOM TRANSFER RADICAL POLYMERIZATION</b> [54] <b>COMPOSITIONS THERMODURCISSABLES, CONTENANT DES POLYMERES FONCTIONNELS A GROUPES CARBOXYLIQUES PREPARES PAR POLYMERISATION RADICALAIRE A TRANSFERT D'ATOME</b> [72] MARTIN, ROXALANA L., US [72] WHITE, DANIELA, US [72] O'DWYER, JAMES B., US [72] OLSON, KURT G., US [72] BARKAC, KAREN A., US [72] COCA, SIMION, US [72] LAMERS, PAUL H., US [72] HUMBERT, KURT A., US [72] FRANKS, JAMES R., US [71] PPG INDUSTRIES OHIO, INC., US [85] 2001-02-12 [86] 1999-08-30 (PCT/US99/19445) [87] 2000-03-09 (WO00/12625) [30] US (60/098,602) 1998-08-31 [30] US (09/375,014) 1999-08-16</p>	<p style="text-align: right;">[21] <b>2,340,222</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08J 3/14 7C08L 3/12</b> [25] EN [54] <b>METHOD FOR THE PRODUCTION OF SPHERICAL MICROPARTICLES CONSISTING TOTALLY OR PARTLY OF AT LEAST ONE WATER-INSOLUBLE POLYGLUCAN CONTAINING BRANCHES AND MICROPARTICLES PRODUCED ACCORDING TO SAID METHOD</b> [54] <b>PROCEDE DE PREPARATION DE MICROPARTICULES SPHERIQUES, CONSISTANT EN PARTIE OU EN TOTALITE EN AU MOINS UN POLYGLUCANE CONTENANT DES RAMIFICATIONS NON SOLUBLES DANS L'EAU, ET MICROPARTICULES OBTENUES A L'AIDE DUDIT PROCEDE</b> [72] BENGS, HOLGER, DE [72] GRANDE, JURGEN, DE [71] AXIVA GMBH, DE [85] 2001-02-12 [86] 1999-08-14 (PCT/EP99/05976) [87] 2000-03-09 (WO00/12590) [30] DE (198 39 216.8) 1998-08-28</p>
<p style="text-align: right;">[21] <b>2,340,218</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12P 17/10</b> [25] EN [54] <b>PROCESS FOR PRODUCING OPTICALLY ACTIVE TROPINONE MONOCARBOXYLIC ACID DERIVATIVE</b> [54] <b>PROCEDE DE PRODUCTION D'UN DERIVE D'ACIDE TROPINONE-MONOCARBOXYLIQUE OPTIQUEMENT ACTIF</b> [72] NAKAMURA, SOICHI, JP [72] NAKAMURA, DAISAKU, JP [72] NODE, MANABU, JP [71] NIHON MEDI-PHYSICS CO., LTD., JP [85] 2001-02-12 [86] 1999-07-12 (PCT/JP99/03754) [87] 2000-04-06 (WO00/18946) [30] JP (10/277868) 1998-09-30</p>		



## PCT Applications Entering the National Phase

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[21] **2,340,223**  
[13] A1  
[51] **Int.Cl. 6A61K 31/66 6A61K 33/00  
6A61K 38/01 6A61K 38/16 6A61K 31/195  
6A61K 31/20 6A61K 31/23 6A61K 38/40  
6A61K 31/70 6A61K 35/78**  
[25] EN  
[54] **NUTRITIONAL COMPOSITIONS  
FOR PREVENTING OR TREATING  
HYPERLIPOPROTEINEMIA**  
[54] **COMPOSITIONS A FINALITE  
NUTRITIONNELLE POUR PREVENIR  
OU TRAITER  
L'HYPERLIPOPROTEINEMIE**  
[72] OSHIDA, KYOICHI, JP  
[72] SHIMIZU, TAKASHI, JP  
[72] TAKASE, MITSUNORI, JP  
[72] HAYASAWA, HIROTOSHI, JP  
[72] INOUE, NARIAKI, JP  
[71] MORINAGA MILK INDUSTRY CO.,  
LTD., JP  
[85] 2001-02-12  
[86] 1999-08-11 (PCT/JP99/04336)  
[87] 2000-02-24 (WO00/09138)  
[30] JP (10/228342) 1998-08-12

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[21] **2,340,224**  
[13] A1  
[51] **Int.Cl. 7A61K 31/18 7A61K 47/10  
7A61K 9/127 7A61K 47/14**  
[25] EN  
[54] **NIMESULIDE CONTAINING  
TOPICAL PHARMACEUTICAL  
COMPOSITIONS**  
[54] **COMPOSITIONS  
PHARMACEUTIQUES TOPIQUES A  
BASE DE NIMESULIDE**  
[72] EMBIL, KORAL, TR  
[72] FIGUEROA, RAY, US  
[71] EDKO TRADING AND  
REPRESENTATION COMPANY  
LIMITED, TR  
[85] 2001-02-12  
[86] 1999-08-12 (PCT/IB99/01460)  
[87] 2000-02-24 (WO00/09117)  
[30] GB (9817573.0) 1998-08-12

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[21] **2,340,225**  
[13] A1  
[51] **Int.Cl. 7A61K 9/08 7A61K 9/10  
7A61K 9/107 7A61K 47/12**  
[25] EN  
[54] **PRESERVATIVE SYSTEM FOR  
TOPICALLY ADMINISTRABLE  
PHARMACEUTICAL COMPOSITIONS  
CONTAINING A FATTY ACID/AMINO  
ACID SOAP**  
[54] **SYSTEME CONSERVATEUR  
CONTENANT UN SAVON A BASE  
D'ACIDES GRAS/ACIDES AMINES  
POUR COMPOSITIONS  
PHARMACEUTIQUES A  
ADMINISTRATION LOCALE**  
[72] HAN, WESLEY WEHSIN, US  
[72] GERSON, STEVEN HOWARD, US  
[72] CASTILLO, ERNESTO J., US  
[71] ALCON LABORATORIES, INC., US  
[85] 2001-02-12  
[86] 1999-09-21 (PCT/US99/22003)  
[87] 2000-05-04 (WO00/24375)  
[30] US (60/105,819) 1998-10-27

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[21] **2,340,226**  
[13] A1  
[51] **Int.Cl. 7A61K 47/12 7A61K 47/16  
7A61K 47/18**  
[25] EN  
[54] **PRESERVATIVE SYSTEM FOR  
TOPICALLY ADMINISTRABLE  
PHARMACEUTICAL COMPOSITIONS**  
[54] **SYSTEME CONSERVATEUR POUR  
COMPOSITIONS  
PHARMACEUTIQUES A  
ADMINISTRATION LOCALE**  
[72] GERSON, STEVEN HOWARD, US  
[72] HAN, WESLEY WEHSIN, US  
[72] CASTILLO, ERNESTO J., US  
[71] ALCON LABORATORIES, INC., US  
[85] 2001-02-12  
[86] 1999-09-21 (PCT/US99/22004)  
[87] 2000-05-04 (WO00/24425)  
[30] US (60/105,820) 1998-10-27

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[21] **2,340,227**  
[13] A1  
[51] **Int.Cl. 6A61K 35/78**  
[25] EN  
[54] **METHOD AND  
PHARMACEUTICAL COMPOSITION  
FOR REDUCING SERUM  
HOMOCYSTEINE CONCENTRATION**  
[54] **PROCEDE ET COMPOSITION  
PHARMACEUTIQUE DESTINES A  
REDUIRE LA CONCENTRATION  
PLASMATIQUE D'HOMOCYSTEINE**  
[72] AMAGASE, HARUNOBU, US  
[71] WAKUNAGA OF AMERICA CO.,  
LTD., US  
[71] AMAGASE, HARUNOBU, US  
[85] 2001-02-12  
[86] 1999-01-13 (PCT/US99/00830)  
[87] 2000-02-24 (WO00/09141)  
[30] US (09/133,267) 1998-08-13

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[21] **2,340,228**  
[13] A1  
[51] **Int.Cl. 7C12Q 1/68**  
[25] EN  
[54] **OPTICALLY CHARACTERIZING  
POLYMERS**  
[54] **POLYMERES CHARACTERISES  
OPTIQUEMENT**  
[72] CHAN, EUGENE Y., US  
[72] AUSTIN, ROBERT H., US  
[72] TEGENFELDT, JONAS O., US  
[71] THE TRUSTEES OF PRINCETON  
UNIVERSITY, US  
[71] U.S. GENOMICS, INC., US  
[85] 2001-02-12  
[86] 1999-08-13 (PCT/US99/18438)  
[87] 2000-02-24 (WO00/09757)  
[30] US (60/096,544) 1998-08-13  
[30] US (60/120,414) 1999-02-14

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[21] **2,340,229**  
[13] A1

[51] **Int.Cl. 7C07C 409/22 7C07C 407/00 7C08F 283/01 7C08K 5/14 7C08F 4/34 7C07C 409/40**

[25] EN  
[54] **PEROXIDES, THEIR PREPARATION PROCESS AND USE**  
[54] **PEROXYDES, LEUR PROCÉDE DE PREPARATION ET LEUR UTILISATION**

[72] MEIJER, JOHN, NL  
[72] SYED, EJAZ AHMED, NL  
[72] DE VRIES, BERNHARD, NL  
[72] VAN DE BOVENKAMP-BOUWMAN, ANNA GERDINE, NL  
[72] HOGT, ANDREAS HERMAN, NL  
[71] AKZO NOBEL N.V., NL  
[85] 2001-02-12  
[86] 1999-07-28 (PCT/EP99/05478)  
[87] 2000-02-24 (WO00/09478)  
[30] EP (98202708.8) 1998-08-12

[21] **2,340,230**  
[13] A1

[51] **Int.Cl. 6C07D 237/14 6C07D 401/12 6C07D 403/12 6C07D 409/12 6C07D 401/14 6C07D 403/14 6C07D 409/14 6A61K 31/50**

[25] EN  
[54] **PYRIDAZINONE DERIVATIVES**  
[54] **DERIVES DE PYRIDAZINONE**

[72] NAGAMINE, MASASHI, JP  
[72] OSHITA, YOSHITAMI, JP  
[72] SATOH, AKIYUKI, JP  
[72] GOTOH, MAKOTO, JP  
[72] UMIMOTO, KOJI, JP  
[72] ONISHI, MASANOBU, JP  
[71] NIHON NOHYAKU CO., LTD., JP  
[85] 2001-02-12  
[86] 1999-08-12 (PCT/JP99/04384)  
[87] 2000-02-24 (WO00/09488)  
[30] JP (10-229623) 1998-08-14

[21] **2,340,231**  
[13] A1

[51] **Int.Cl. 7C08L 25/06 7B29C 45/00 7C08L 51/00 7C08J 5/18 7D01F 6/44**

[25] EN  
[54] **SHOCK-RESISTANT THERMOPLASTIC MOULDING MATERIALS MADE OF SYNDIOTACTIC POLYSTYRENE AND AN ACRYLATE MODIFIER**  
[54] **MATIERES MOULABLES THERMOPLASTIQUES A RESISTANCE ELEVEE AUX CHOCS CONSTITUEES DE POLYSTYRENE SYNDIOTACTIQUE ET D'UN MODIFICATEUR ACRYLATE**

[72] WUNSCH, JOSEF, DE  
[72] MCKEE, GRAHAM EDMUND, DE  
[72] RAMSTEINER, FALKO, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2001-02-12  
[86] 1999-07-20 (PCT/EP99/05163)  
[87] 2000-02-24 (WO00/09608)  
[30] DE (198 36 621.3) 1998-08-13

[21] **2,340,232**  
[13] A1

[51] **Int.Cl. 7C01B 15/023 7B01J 19/24 7B01J 19/32 7B01J 8/34**

[25] EN  
[54] **METHOD FOR CARRYING OUT GAS-LIQUID REACTIONS AND CORRESPONDING FLOW REACTOR**  
[54] **PROCÉDE PERMETTANT DE CONDUIRE DES REACTIONS GAZ-LIQUIDE ET REACTEUR A ECOULEMENT CORRESPONDANT**

[72] SCHUTTE, RUDIGER, DE  
[72] EICKHOFF, HUBERTUS, DE  
[71] DEGUSSA-HULS AKTIENGESELLSCHAFT, DE  
[85] 2001-02-12  
[86] 1999-08-28 (PCT/EP99/06366)  
[87] 2000-03-23 (WO00/15550)  
[30] DE (198 41 843.4) 1998-09-12  
[30] DE (198 43 574.6) 1998-09-23

[21] **2,340,233**  
[13] A1

[51] **Int.Cl. 7A61B 8/12 7A61B 8/00 7G10K 11/34 7G01S 15/89**

[25] EN  
[54] **STEERABLE TRANSDUCER ARRAY FOR INTRACARDIAL ULTRASONIC IMAGING**  
[54] **MOSAIQUE DE TRANSDUCTEURS ORIENTABLE POUR IMAGERIE INTRACARDIAQUE PAR ULTRA-SONS**

[72] TEO, TAT-JIN, US  
[71] BOSTON SCIENTIFIC LIMITED, BB  
[85] 2001-02-12  
[86] 1999-09-13 (PCT/IB99/01540)  
[87] 2000-04-13 (WO00/19908)  
[30] US (09/165,808) 1998-10-02

[21] **2,340,234**  
[13] A1

[51] **Int.Cl. 7A61F 13/58 7A61F 13/62**

[25] EN  
[54] **DIAPER FASTENING SYSTEM**  
[54] **SYSTEME DE FIXATION DE COUCHE**

[72] TILLY, EDGAR LIONEL, DE  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-02-12  
[86] 1999-09-01 (PCT/US99/20130)  
[87] 2000-03-16 (WO00/13641)  
[30] EP (98116643.2) 1998-09-03

[21] **2,340,235**  
[13] A1

[51] **Int.Cl. 7F27D 1/18**

[25] EN  
[54] **INTEGRAL SPRAY COOLED FURNACE ROOF AND FUME ELBOW**  
[54] **ENSEMBLE INTEGRE CONSTITUE D'UN COUDE D'EVACUATION DES FUMÉES ET D'UN PLAFOND DE CHAMBRE DE COMBUSTION A REFROIDISSEMENT PAR ARROSAGE**

[72] MINER, FRANK HENRY, US  
[72] ARTHUR, MARK THOMAS, US  
[71] UCAR CARBON TECHNOLOGY CORPORATION, US  
[85] 2001-02-12  
[86] 1999-03-17 (PCT/US99/05780)  
[87] 2000-02-24 (WO00/09963)  
[30] US (09/132,801) 1998-08-13

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[21] **2,340,236**  
[13] A1  
[51] **Int.Cl. 6E01H 5/04**  
[25] EN  
[54] **VEHICLE HITCH MOUNT ASSEMBLY FOR A SNOW PLOW**  
[54] **CHEVALET DE MONTAGE DE CHASSE-NEIGE SUR AUTOMOBILE**  
[72] CURTIS, MARC D., US  
[71] CURTIS INTERNATIONAL, INC., US  
[85] 2001-02-12  
[86] 1999-08-11 (PCT/US99/18275)  
[87] 2000-02-24 (WO00/09814)  
[30] US (09/134,555) 1998-08-14  
[30] US (09/222,448) 1998-12-29

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[21] **2,340,237**  
[13] A1  
[51] **Int.Cl. 7A61F 7/12**  
[25] EN  
[54] **INDWELLING HEAT EXCHANGE CATHETER AND METHOD OF USING SAME**  
[54] **SONDE A DEMEURE POUR ECHANGE THERMIQUE ET PROCEDE D'UTILISATION CORRESPONDANT**  
[72] WORTHEN, WILLIAM J., US  
[72] GOBIN, PIERRE, US  
[72] NODA, WAYNE A., US  
[72] JONES, MIKE L., US  
[72] WALKER, BLAIR D., US  
[72] EVANS, SCOTT M., US  
[71] ALSIUS, INC., US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2001-02-12  
[86] 1999-04-16 (PCT/US99/08455)  
[87] 2000-02-24 (WO00/09054)  
[30] US (09/133,813) 1998-08-13

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[21] **2,340,238**  
[13] A1  
[51] **Int.Cl. 7A61J 1/05 7A61J 1/14**  
[25] EN  
[54] **IMPROVED STABILITY FOR INJECTION SOLUTIONS**  
[54] **SOLUTIONS INJECTABLES PRESENTANT UNE STABILITE AMELIOREE**  
[72] LUNDGREN, ANNA, SE  
[72] SUNDGREN, MATS, SE  
[71] ASTRAZENECA AB, SE  
[85] 2001-02-12  
[86] 1999-08-24 (PCT/SE99/01440)  
[87] 2000-03-09 (WO00/12043)  
[30] SE (9802938-2) 1998-09-01

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[21] **2,340,239**  
[13] A1  
[51] **Int.Cl. 7B32B 27/18 7B32B 27/32 7B65D 65/40**  
[25] EN  
[54] **MULTI-LAYER BIAXIALLY ORIENTED POLYPROPYLENE FILM HAVING AN IMPROVED BARRIER, A METHOD FOR THE PRODUCTION THEREOF, AND THE USE THEREOF**  
[54] **FEUILLE DE POLYPROPYLENE MULTICOUCHE A ORIENTATION BIAXIALE, PRESENTANT DES PROPRIETES BARRIERE AMELIOREES, SON PROCEDE DE PRODUCTION ET SON UTILISATION**  
[72] BUNK, STEFAN, DE  
[72] SPEITH-HERFURTH, ANGELA, DE  
[72] HANSOHN, ROBERT, DE  
[71] HOECHST TRESPAPHAN GMBH, US  
[85] 2001-02-12  
[86] 1999-08-11 (PCT/EP99/05910)  
[87] 2000-02-24 (WO00/09329)  
[30] DE (198 36 657.4) 1998-08-13

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[21] **2,340,240**  
[13] A1  
[51] **Int.Cl. 7A01N 57/20 7A01N 47/06 7A01N 33/18 7A01N 47/20 7A01N 47/30 7A01N 47/36 7A01N 43/42 7A01N 43/56**  
[25] EN  
[54] **HERBICIDES FOR TOLERANT OR RESISTANT OIL SEED RAPE CULTURES**  
[54] **AGENTS HERBICIDES POUR CULTURES DE COLZA TOLERANTES OU RESISTANTES**  
[72] HACKER, ERWIN, DE  
[72] WILLMS, LOTHAR, DE  
[72] BIERINGER, HERMANN, DE  
[71] AVENTIS CROPS SCIENCE GMBH, DE  
[85] 2001-02-12  
[86] 1999-08-10 (PCT/EP99/05798)  
[87] 2000-02-24 (WO00/08938)  
[30] DE (198 36 726.0) 1998-08-13

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[21] **2,340,241**  
[13] A1  
[51] **Int.Cl. 7A01N 47/36 7A01N 39/02 7A01N 47/06 7A01N 35/10 7A01N 41/10 7A01N 43/10 7A01N 57/14 7A01N 33/18 7A01N 57/20 7A01N 37/22 7A01N 37/26 7A01N 37/40 7A01N 43/40 7A01N 43/50 7A01N 43/70 7A01N 43/76 7A01N 43/80 7A01N 43/82 7A01N 43/90**  
[25] EN  
[54] **HERBICIDAL COMPOSITIONS WITH ACYLATED AMINOPHENYLSULFONYLUREAS**  
[54] **AGENTS HERBICIDES CONTENANT DES AMINOPHENYLSULFONYLUREES ACYLEES**  
[72] BIERINGER, HERMANN, DE  
[72] HACKER, ERWIN, DE  
[72] SCHNABEL, GERHARD, DE  
[71] AVENTIS CROPS SCIENCE GMBH, DE  
[85] 2001-02-12  
[86] 1999-08-10 (PCT/EP99/05800)  
[87] 2000-02-24 (WO00/08932)  
[30] DE (198 36 725.2) 1998-08-13  
[30] DE (199 19 853.5) 1999-04-30

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[21] **2,340,242**  
[13] A1  
[51] **Int.Cl. 7A01K 67/027 7C12N 15/00**  
[25] EN  
[54] **METHOD OF PERFORMING TRANSGENESIS**  
[54] **PROCEDE DE MISE EN OEUVRE DE TRANSGENESE**  
[72] PERRY, ANTHONY C. F., US  
[72] WAKAYAMA, TERUHIKO, US  
[71] PERRY, ANTHONY C. F., US  
[71] WAKAYAMA, TERUHIKO, US  
[85] 2001-02-12  
[86] 1999-08-11 (PCT/US99/18429)  
[87] 2000-02-24 (WO00/08924)  
[30] US (60/096,078) 1998-08-11  
[30] US (60/134,251) 1999-05-13

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[21] **2,340,243**  
[13] A1  
[51] **Int.Cl. 6G01N 7/10 6B22D 11/16**  
[25] EN  
[54] **LIQUID COPPER HYDROGEN SAMPLE PROBE**  
[54] **SONDE D'ECHANTILLONNAGE D'HYDROGENE DANS DU CUIVRE EN FUSION**  
[72] RYSER, GARY H., US  
[71] ASARCO INCORPORATED, US  
[85] 2001-02-12  
[86] 1999-11-15 (PCT/US99/27112)  
[87] 2000-07-13 (WO00/40945)  
[30] US (09/226,045) 1999-01-05

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,340,244</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A47K 4/00 7A47K 3/20</b> [25] EN [54] <b>COMBINED BATH TUB/SHOWER TUB DEVICE</b> [54] <b>DISPOSITIF SE PRESENTANT SOUS FORME D'UNE COMBINAISON D'UNE BAIGNOIRE ET D'UN BAC DE DOUCHE</b> [72] WYSS, MARTIN, CH [71] WYSS, MARTIN, CH [85] 2001-02-12 [86] 1999-08-10 (PCT/CH99/00371) [87] 2000-02-24 (WO00/08991) [30] CH (1665/98) 1998-08-13</p>	<p style="text-align: right;">[21] <b>2,340,247</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61B 8/00 7G01S 7/52</b> [25] EN [54] <b>ADAPTIVE CROSS-SECTIONAL AREA COMPUTATION USING STATISTICAL SIGNATURES</b> [54] <b>CALCUL DE SURFACE DE SECTION TRANSVERSALE A L'AIDE DE SIGNATURES STATISTIQUES</b> [72] GRUNWALD, SORIN, US [71] BOSTON SCIENTIFIC LIMITED, BB [85] 2001-02-12 [86] 1999-09-13 (PCT/IB99/01541) [87] 2000-04-13 (WO00/19903) [30] US (09/165,670) 1998-10-02</p>	<p style="text-align: right;">[21] <b>2,340,252</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04N 5/445 6H04N 5/00 6H04N 7/173 6H04N 5/44 6H04N 5/775</b> [25] EN [54] <b>INTERACTIVE TELEVISION CONTROL/OPERATING SYSTEM</b> [54] <b>SYSTEME INTERACTIF DE FONCTIONNEMENT ET DE COMMANDE DE TELEVISION</b> [72] AUSTIN, KENNETH, GB [71] 4TV LIMITED, GB [85] 2001-02-12 [86] 1998-10-21 (PCT/GB98/03140) [87] 2000-02-24 (WO00/10327) [30] GB (9817421.2) 1998-08-11</p>
<p style="text-align: right;">[21] <b>2,340,245</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61M 16/04</b> [25] EN [54] <b>LARYNGEAL MASK AIRWAY DEVICE</b> [54] <b>DISPOSITIF RESPIRATOIRE A MASQUE LARYNGE</b> [72] BRAIN, ARCHIBALD IAN JEREMY, GB [71] BRAIN, ARCHIBALD IAN JEREMY, GB [85] 2001-02-12 [86] 1999-08-11 (PCT/GB99/02646) [87] 2000-02-24 (WO00/09189) [30] GB (9817537.5) 1998-08-13 [30] US (09/289,319) 1999-04-09</p>	<p style="text-align: right;">[21] <b>2,340,248</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61M 5/20 7A61M 5/32 7A61M 5/42 7A61M 5/46</b> [25] EN [54] <b>APPARATUS FOR DELIVERING A SUBSTANCE HAVING ONE OR MORE NEEDLES DRIVEN AT HIGH VELOCITY</b> [54] <b>APPAREIL D'APPORT D'UNE SUBSTANCE POURVU D'UNE OU DE PLUSIEURS AIGUILLES ENTRAINEES A GRANDE VITESSE</b> [72] CROCKER, PETER JOHN, GB [71] IMPRINT PHARMACEUTICALS LIMITED, GB [85] 2001-02-12 [86] 1999-08-13 (PCT/GB99/02680) [87] 2000-02-24 (WO00/09184) [30] GB (9817662.1) 1998-08-13</p>	<p style="text-align: right;">[21] <b>2,340,253</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C11D 3/395 7C11D 1/29</b> [25] EN [54] <b>BLEACHING COMPOSITIONS</b> [54] <b>COMPOSITIONS DE BLANCHIMENT</b> [72] TODINI, ORESTE, IT [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2001-02-12 [86] 1999-09-01 (PCT/US99/20127) [87] 2000-03-09 (WO00/12668) [30] EP (98870185.0) 1998-09-01</p>
<p style="text-align: right;">[21] <b>2,340,246</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61B 8/00 7G01S 7/52</b> [25] EN [54] <b>ADAPTIVE CANCELLATION OF RING-DOWN ARTIFACT IN IVUS IMAGING</b> [54] <b>SUPPRESSION ADAPTATIVE DU PHENOMENE PARASITE DU TYPE = LORS D'UNE IMAGERIE ULTRASONORE INTRAVASCULAIRE</b> [72] TEO, TAT-JIN, US [72] GRUNWALD, SORIN, US [71] BOSTON SCIENTIFIC LIMITED, BB [85] 2001-02-12 [86] 1999-09-13 (PCT/IB99/01542) [87] 2000-04-13 (WO00/19904) [30] US (09/165,807) 1998-10-02</p>	<p style="text-align: right;">[21] <b>2,340,249</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04R 5/02 7H04R 27/00 7E04B 1/82</b> [25] EN [54] <b>ACOUSTICAL SPEAKER HOUSING AND METHODS OF INSTALLATION</b> [54] <b>ENCEINTES ACOUSTIQUES DE HAUT-PARLEURS ET PROCEDES D'INSTALLATION</b> [72] MCGRATH, RALPH D., US [71] OWENS CORNING, US [85] 2001-02-12 [86] 1999-07-22 (PCT/US99/16594) [87] 2000-03-16 (WO00/14999) [30] US (09/148,519) 1998-09-04</p>	<p style="text-align: right;">[21] <b>2,340,254</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04L 9/06</b> [25] EN [54] <b>APPARATUS AND METHOD FOR CHANNEL CODING AND MULTIPLEXING IN CDMA COMMUNICATION SYSTEM</b> [54] <b>APPAREIL ET PROCEDE DE CODAGE ET DE MULTIPLEXAGE DE CANAUX DANS UN SYSTEME DE COMMUNICATION CDMA</b> [72] KIM, SE-HYOUNG, KR [72] KIM, MIN-GOO, KR [72] KIM, BEONG-JO, KR [72] LEE, YOUNG-HWAN, KR [72] CHOI, SOON-JAE, KR [71] SAMSUNG ELECTRONICS CO., LTD., KR [85] 2001-02-12 [86] 2000-06-26 (PCT/KR00/00668) [87] 2001-01-04 (WO01/01626) [30] KR (1999/26221) 1999-06-25 [30] KR (1999/27163) 1999-07-07</p>

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[21] **2,340,255**  
[13] A1  
[51] **Int.Cl. 7C07C 5/48 7B01J 37/02 7B01J 38/12 7B01J 23/40 7B01J 23/56 7B01J 23/96**  
[25] EN  
[54] **ON-LINE SYNTHESIS AND REGENERATION OF A CATALYST USED IN AUTOTHERMAL OXIDATION**  
[54] **SYNTHESE EN LIGNE ET REGENERATION D'UN CATALYSEUR UTILISE DANS UNE OXYDATION AUTOTHERMIQUE**  
[72] MAJ, JOSEPH J., US  
[72] BHARADWAJ, SAMEER S., US  
[72] SIDDALL, JONATHAN H., US  
[71] THE DOW CHEMICAL COMPANY, US  
[85] 2001-02-12  
[86] 1999-09-01 (PCT/US99/19974)  
[87] 2000-03-16 (WO00/14037)  
[30] US (60/099,041) 1998-09-03  
[30] US (60/111,861) 1998-12-11  
[30] US (60/136,003) 1999-05-26

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[21] **2,340,256**  
[13] A1  
[51] **Int.Cl. 7A61F 13/56 7A61F 13/15**  
[25] EN  
[54] **CLOTH-LIKE BREATHABLE DISPOSABLE ABSORBENT BRIEF WITH REFASTENING MEANS**  
[54] **CULOTTE DE PROTECTION JETABLE, EN TISSU DU TYPE IMPER-RESPISANT, DOTEE DE MOYENS PERMETTANT PLUSIEURS FIXATIONS**  
[72] GLAUG, FRANK, US  
[71] CONFAB SERVICES AG, CH  
[85] 2001-02-09  
[86] 2000-05-18 (PCT/US00/13522)  
[87] 2000-12-14 (WO00/74621)  
[30] US (09/328,605) 1999-06-09

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[21] **2,340,257**  
[13] A1  
[51] **Int.Cl. 6A61K 38/16 6A61K 38/27 6A61K 38/48**  
[25] EN  
[54] **TREATMENT OF DISEASE STATES**  
[54] **TRAITEMENT D'ETATS MALADIFS**  
[72] GURNEY, HARRY C., US  
[72] MCMICHAEL, JOHN, US  
[71] MILKHAUS LABORATORY, INC., US  
[85] 2001-02-09  
[86] 1998-11-13 (PCT/US98/24268)  
[87] 2000-02-24 (WO00/09146)  
[30] US (09/132,353) 1998-08-11

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[21] **2,340,258**  
[13] A1  
[51] **Int.Cl. 6A61K 38/00 6C07K 2/00 6C07K 5/00 6C07K 7/00**  
[25] EN  
[54] **METHODS FOR TREATMENT OF NEUROLOGICAL DISORDERS**  
[54] **METHODES DE TRAITEMENT DE TROUBLES NEUROLOGIQUES**  
[72] MCMICHAEL, JOHN, US  
[71] MILKHAUS LABORATORY, INC., US  
[85] 2001-02-09  
[86] 1999-07-12 (PCT/US99/15692)  
[87] 2000-02-24 (WO00/09142)  
[30] US (09/132,352) 1998-08-11

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[21] **2,340,259**  
[13] A1  
[51] **Int.Cl. 6A61K 31/415 6A61K 31/405**  
[25] EN  
[54] **TREATMENT OF FECAL INCONTINENCE**  
[54] **TRAITEMENT DE L'INCONTINENCE FECALE**  
[72] MCMICHAEL, JOHN, US  
[71] MILKHAUS LABORATORY, INC., US  
[85] 2001-02-09  
[86] 1999-11-13 (PCT/US98/24266)  
[87] 2000-02-24 (WO00/09128)  
[30] US (09/132,041) 1998-08-11

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[21] **2,340,260**  
[13] A1  
[51] **Int.Cl. 6H04M 15/00 6H04M 3/00**  
[25] EN  
[54] **A METHOD AND APPARATUS FOR DETERMINING WHETHER A FEE IS TO BE CHARGED TO A PARTY INITIATING A TELEPHONE CALL**  
[54] **PROCEDE ET APPAREIL PERMETTANT DE DETERMINER SI UNE TAXE DOIT ETRE FACTUREE A UNE PARTIE LANCANT UN APPEL TELEPHONIQUE**  
[72] SANTOS, DANIEL J., US  
[72] COUNCIL, MICHAEL O., US  
[71] CBT FLINT PARTNERSHIP, US  
[85] 2001-02-09  
[86] 1999-08-10 (PCT/US99/18183)  
[87] 2000-02-24 (WO00/10318)  
[30] US (60/095,939) 1998-08-10  
[30] US (09/145,710) 1998-09-02

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[21] **2,340,261**  
[13] A1  
[51] **Int.Cl. 7G01N 33/543 7G01N 33/553**  
[25] EN  
[54] **BINDING ASSAYS USING OPTICAL RESONANCE OF COLLOIDAL PARTICLES**  
[54] **ESSAIS DE LIAISON METTANT EN OEUVRE LA RESONANCE OPTIQUE DE PARTICULES COLLOIDALES**  
[72] KRAULEDAT, PETRA B., US  
[72] HANSEN, W. PETER, US  
[71] UNION BIOMETRICA TECHNOLOGY HOLDINGS, INC., US  
[85] 2001-02-09  
[86] 1999-08-11 (PCT/US99/18225)  
[87] 2000-02-24 (WO00/10010)  
[30] US (60/096,159) 1998-08-11

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[21] **2,340,262**  
[13] A1  
[51] **Int.Cl. 7H01H 9/00**  
[25] EN  
[54] **STEP SWITCH WITH SELECTOR**  
[54] **COMMUTATEUR A GRADINS AVEC PRESELECTEUR**  
[72] ALBRECHT, WOLFGANG, DE  
[71] MASCHINENFABRIK REINHAUSEN GMBH, DE  
[85] 2001-02-09  
[86] 1999-06-04 (PCT/EP99/03868)  
[87] 2000-02-24 (WO00/10182)  
[30] DE (198 36 463.6) 1998-08-12

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[21] **2,340,263**  
[13] A1  
[51] **Int.Cl. 7B29C 45/28**  
[25] EN  
[54] **HOT RUNNER NOZZLE WITH CERAMIC SHUT-OFF NEEDLE**  
[54] **FILIERE A CANAL CHAUFFE, COMPORTANT UNE AIGUILLE D'OBTURATION EN CERAMIQUE**  
[72] HUGGINS, JOHN, DE  
[72] PESCH, HEINRICH, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2001-02-09  
[86] 1999-07-31 (PCT/EP99/05547)  
[87] 2000-02-24 (WO00/09311)  
[30] DE (198 36 506.3) 1998-08-12

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[21] **2,340,264**  
[13] A1  
[51] **Int.Cl. 7G11B 20/12 7G11B 20/18 7G11B 27/30**  
[25] EN  
[54] **ERROR CORRECTION ENCODING A DATA STREAM OF INFORMATION**  
[54] **CODAGE EN MODE CORRECTION D'ERREURS D'UN TRAIN DE DONNEES D'INFORMATIONS**  
[72] BLUM, MARTINUS WILHELMUS, NL  
[72] VAN DEN ENDEN, GIJSBERT JOSEPH, NL  
[72] STEK, AALBERT, NL  
[71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL  
[85] 2001-02-09  
[86] 2000-05-29 (PCT/EP00/04931)  
[87] 2000-12-21 (WO00/77787)  
[30] EP (99201840.8) 1999-06-10

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[21] **2,340,265**  
[13] A1  
[51] **Int.Cl. 7H04M 11/06 7H04B 7/24**  
[25] EN  
[54] **METHOD FOR CONTROLLING DATA TRANSMISSION IN A WIRELESS V.24 DATA TRANSMISSION SYSTEM OPERATING BETWEEN A DATA TERMINAL AND A DATA TRANSMISSION DEVICE FOR DATA TELECOMMUNICATION**  
[54] **PROCEDE POUR COMMANDER LA TRANSMISSION DE DONNEES DANS UN SYSTEME DE TRANSMISSION DE DONNEES V.24 SANS FIL EXPLOITE ENTRE UN TERMINAL ET UN DISPOSITIF DE TRANSMISSION DE DONNEES POUR LA TELECOMMUNICATION DE DONNEES**  
[72] BIEDERMANN, ROLF, DE  
[72] GARCIA ALFARO, DIEGO, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2001-02-09  
[86] 1999-08-04 (PCT/DE99/02419)  
[87] 2000-02-24 (WO00/10292)  
[30] DE (198 36 609.4) 1998-08-12

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[21] **2,340,279**  
[13] A1  
[51] **Int.Cl. 7C12N 15/82 7A01H 5/00 7A01N 65/00 7C12N 15/11 7C12N 15/53**  
[25] EN  
[54] **METHOD FOR INCREASING THE RESISTANCE OF CULTIVATED PLANTS TO CHEMICAL STRESS**  
[54] **PROCEDE POUR ACCROITRE LA RESISTANCE A UN STRESS CHIMIQUE DE PLANTES CULTIVEES**  
[72] WESTPHALEN, KARL-OTTO, DE  
[72] HERBERS, KARIN, DE  
[72] BOWE, STEVEN J., DE  
[72] RADEMACHER, WILHELM, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2001-02-15  
[86] 2000-06-07 (PCT/EP00/05249)  
[87] 2000-12-28 (WO00/78979)  
[30] DE (199 27 568.8) 1999-06-17

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[21] **2,340,281**  
[13] A1  
[51] **Int.Cl. 7A61K 35/44 7C12N 5/06**  
[25] EN  
[54] **NEURAL RETINAL CELLS AND RETINAL PIGMENT EPITHELIUM CELLS AND THEIR USE IN TREATMENT OF RETINAL DISORDERS**  
[54] **CELLULES NERVEUSES ET CELLULES EPITHELIALES PIGMENTAIRES DE LA RETINE UTILISEES DANS LES TRAITEMENTS DES AFFECTIONS RETINIENNES**  
[72] EDGE, ALBERT, US  
[71] DIACRIN, INC., US  
[85] 2001-02-22  
[86] 1999-08-25 (PCT/US99/19583)  
[87] 2000-03-02 (WO00/10580)  
[30] US (09/139,812) 1998-08-25

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[21] **2,340,286**  
[13] A1  
[51] **Int.Cl. 7C12N 15/82 7A01H 5/00 7C12N 5/10**  
[25] EN  
[54] **PLANT EXPRESSION VECTORS**  
[54] **VECTEURS D'EXPRESSION POUR PLANTES**  
[72] SANTINO, COLLEEN G., US  
[72] CONNER, TIMOTHY W., US  
[71] MONSANTO COMPANY, US  
[85] 2001-02-16  
[86] 1999-08-18 (PCT/US99/19102)  
[87] 2000-03-02 (WO00/11200)  
[30] US (60/097,150) 1998-08-19

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[21] **2,340,304**  
[13] A1  
[51] **Int.Cl. 6A61K 39/395 6A61K 39/00 6C07K 14/00 6C07K 16/00**  
[25] EN  
[54] **MULTICOMPONENT VACCINES**  
[54] **VACCINS A PLUSIEURS CONSTITUANTS**  
[72] HOOK, MAGNUS, US  
[72] FOSTER, TIMOTHY J., IE  
[72] PATTI, JOSEPH M., US  
[71] THE TEXAS A & M UNIVERSITY SYSTEM, US  
[71] THE PROVOST FELLOWS AND SCHOLARS OF THE COLLEGE OF THE HOLY AND UNDIVIDE, IE  
[71] INHIBITEX, INC., US  
[85] 2001-02-19  
[86] 1999-08-31 (PCT/US99/19727)  
[87] 2000-03-09 (WO00/12131)  
[30] US (60/098,439) 1998-08-31

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[21] **2,340,305**  
[13] A1  
[51] **Int.Cl. 7C07K 16/06 7A61K 39/02**  
**7C07K 16/10 7C07K 16/12 7C07K 14/29**  
**7A61K 39/40**  
[25] EN  
[54] **HIV SUPPRESSOR FACTOR**  
**DERIVED FROM SCRUB TYPHUS**  
[54] **FACTEUR SUPPRESSEUR DU VIH**  
**DERIVE DU TYPHUS DES**  
**BROUSSAILLES**  
[72] DESOUZA, MARK S., TT  
[72] BROWN, ARTHUR E., US  
[72] WATT, GEORGE H., US  
[72] SIRIYAPHAN, PHINYO, TH  
[72] BIRX, DEBORAH L., US  
[71] WATT, GEORGE H., US  
[85] 2001-02-19  
[86] 1999-08-20 (PCT/US99/16725)  
[87] 2000-03-02 (WO00/11035)  
[30] US (60/097,288) 1998-08-20

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[21] **2,340,319**  
[13] A1  
[51] **Int.Cl. 7C12N 15/82 7A01H 5/00**  
**7A23L 1/00 7A61K 31/35 7C12N 15/53**  
[25] EN  
[54] **METHOD FOR PRODUCING**  
**PLANTS WITH INCREASED**  
**FLAVONOID AND PHENOLIC**  
**COMPOUND CONTENT**  
[54] **PROCEDES POUR PRODUIRE DES**  
**PLANTES A TENEUR AUGMENTEE EN**  
**FLAVONOIDES ET EN COMPOSES**  
**PHENOLIQUES**  
[72] HERBERS, KARIN, DE  
[72] RADEMACHER, WILHELM, DE  
[72] SCHWEDEN, JURGEN, DE  
[72] KRAMER, KLAUS, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2001-02-15  
[86] 2000-06-07 (PCT/EP00/05257)  
[87] 2000-12-28 (WO00/78980)  
[30] DE (199 27 574.2) 1999-06-17

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[21] **2,340,320**  
[13] A1  
[51] **Int.Cl. 7A61K 38/19 7A61K 48/00**  
**7A61P 9/00 7A61K 39/395**  
[25] EN  
[54] **USE OF AN ANGIOGENIC**  
**FACTOR FOR THE TREATMENT OF**  
**MICROVASCULAR ANGIOPATHIES**  
[54] **TRAITEMENT D'ANGIOPATHIES**  
**MICROVASCULAIRES**  
[72] SCHREINER, GEORGE F., US  
[72] JOHNSON, RICHARD J., US  
[71] SCIOS INC., US  
[85] 2001-02-14  
[86] 1999-09-09 (PCT/US99/20480)  
[87] 2000-03-16 (WO00/13702)  
[30] US (60/099,694) 1998-09-09  
[30] US (60/126,406) 1999-03-26  
[30] US (60/126,615) 1999-03-27

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[21] **2,340,322**  
[13] A1  
[51] **Int.Cl. 6C12N 9/16 6A61K 38/46**  
[25] EN  
[54] **DNAZYMES AND METHODS FOR**  
**TREATING RESTENOSIS**  
[54] **DNAZYMES ET METHODES DE**  
**TRAITEMENT DE LA RESTENOSE**  
[72] CAIRNS, MURRAY J., AU  
[72] SUN, LUN-QUAN, AU  
[71] JOHNSON & JOHNSON RESEARCH  
PTY LIMITED, AU  
[85] 2001-02-12  
[86] 1999-08-12 (PCT/IB99/01484)  
[87] 2000-02-24 (WO00/09672)  
[30] US (60/096,374) 1998-08-13

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[21] **2,340,323**  
[13] A1  
[51] **Int.Cl. 7C07K 14/72 7G01N 33/566**  
**7C07K 14/68 7G01N 33/74 7G01N 33/94**  
[25] EN  
[54] **MC4-R AS TARGET FOR THE**  
**IDENTIFICATION OF COMPOUNDS**  
**USED TO TREAT DRUG ADDICTION**  
[54] **RECEPTEUR DE LA**  
**MELANOCORTINE 4 EN TANT QUE**  
**CIBLE POUR L'IDENTIFICATION DE**  
**COMPOSES UTILISES POUR TRAITER**  
**LA NARCOMANIE**  
[72] DUMAN, RONALD, US  
[71] MILLENNIUM  
PHARMACEUTICALS, INC., US  
[85] 2001-02-20  
[86] 1999-08-30 (PCT/US99/19790)  
[87] 2000-03-16 (WO00/14115)  
[30] US (60/099,104) 1998-09-03

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[21] **2,340,324**  
[13] A1  
[51] **Int.Cl. 7C12N 15/32 7A01H 5/00**  
**7A01H 5/10 7C07K 14/325 7C12N 15/82**  
[25] EN  
[54] **IMPROVED EXPRESSION OF**  
**CRY3B INSECTICIDAL PROTEIN IN**  
**PLANTS**  
[54] **EXPRESSION AMELIOREE DE LA**  
**PROTEINE INSECTICIDE CRY3BB**  
**DANS DES PLANTES**  
[72] ROMANO, CHARLES P., US  
[71] MONSANTO COMPANY, US  
[85] 2001-02-16  
[86] 1999-08-19 (PCT/US99/18883)  
[87] 2000-03-02 (WO00/11185)  
[30] US (60/097,150) 1998-08-19

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[21] **2,340,340**  
[13] A1  
[51] **Int.Cl. 6A61K 9/16 6A61K 9/72**  
[25] EN  
[54] **PARTICULATE EXCIPIENTS FOR**  
**PULMONARY ADMINISTRATION**  
[54] **EXCIPIENT DE PRINCIPE ACTIF**  
**PARTICULAIRE DESTINE A UNE**  
**APPLICATION PULMONAIRE**  
[72] GRANDE, JURGEN, DE  
[72] BENGES, HOLGER, DE  
[71] AXIVA GMBH, DE  
[85] 2000-10-06  
[86] 1999-04-08 (PCT/EP99/02385)  
[87] 1999-10-21 (WO99/52506)  
[30] DE (198 16 085.2) 1998-04-09

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[21] **2,340,341**  
[13] A1  
[51] **Int.Cl. 6C07D 265/30 6A61K 31/535**  
[25] EN  
[54] **CALCILYTIIC COMPOUNDS**  
[54] **COMPOSES CALCILYTIQUES**  
[72] BHATNAGAR, PRADIP K., US  
[72] LAGO, AMPARO MARIE, US  
[71] SMITHKLINE BEECHAM  
CORPORATION, US  
[85] 2001-02-12  
[86] 1999-08-12 (PCT/US99/18377)  
[87] 2000-02-24 (WO00/09491)  
[30] US (60/096,336) 1998-08-12

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[21] **2,340,342**  
[13] A1  
[51] **Int.Cl. 7G06F 11/14**  
[25] EN  
[54] **A METHOD, COMPUTER, AND ARTICLE OF MANUFACTURING FOR FAULT TOLERANT BOOTING**  
[54] **PROCEDE, ORDINATEUR ET ARTICLE MANUFACTURE POUR L'INITIALISATION INSENSIBLE AUX DEFAILLANCES**  
[72] BONAMICO, JOHN, US  
[71] SYMANTEC CORPORATION, US  
[85] 2001-02-12  
[86] 1999-08-10 (PCT/US99/18071)  
[87] 2000-02-24 (WO00/10085)  
[30] US (09/132,956) 1998-08-12

[21] **2,340,343**  
[13] A1  
[51] **Int.Cl. 7C07D 311/60 7C07D 311/26**  
[25] EN  
[54] **ENANTIOSELECTIVE SYNTHESIS**  
[54] **SYNTHESE ENANTIOSELECTIVE**  
[72] VATER, EUGENE J., US  
[72] DRAPER, RICHARD W., US  
[72] LU, YUELIE, US  
[72] IYER, RADHA V., US  
[71] SCHERING CORPORATION, US  
[85] 2001-02-12  
[86] 1999-08-12 (PCT/US99/16711)  
[87] 2000-02-24 (WO00/09493)  
[30] US (09/134,216) 1998-08-14

[21] **2,340,345**  
[13] A1  
[51] **Int.Cl. 6A23L 1/275 6A23L 1/314 6A23L 1/315 6A23L 1/325**  
[25] EN  
[54] **IMPROVED METHOD FOR BROWNING PRECOOKED, WHOLE MUSCLE MEAT PRODUCTS**  
[54] **PROCEDE D'OBTENTION D'UNE SURFACE CROUSTILLANTE SUR UN PRODUIT CARNE PRECUIT ENTIEREMENT FAIT DE MUSCLE**  
[72] SINGH, PREM S., US  
[71] SWIFT-ECKRICH, INC., US  
[85] 2001-02-13  
[86] 1999-05-03 (PCT/US99/09651)  
[87] 1999-11-18 (WO99/57999)  
[30] US (09/075,608) 1998-05-11

[21] **2,340,347**  
[13] A1  
[51] **Int.Cl. 7F16C 1/14 7F16C 1/26**  
[25] EN  
[54] **CONTROL CABLES**  
[54] **CABLES DE COMMANDE**  
[72] MURG, LARRY J., US  
[71] TRANSDIGM, INC., US  
[85] 2001-02-13  
[86] 1999-08-13 (PCT/US99/18012)  
[87] 2000-02-24 (WO00/09895)  
[30] US (09/133,566) 1998-08-13

[21] **2,340,348**  
[13] A1  
[51] **Int.Cl. 6C07D 307/02**  
[25] EN  
[54] **CONTINUOUS PROCESS FOR THE PRODUCTION OF ANHYDROSUGAR ALCOHOLS**  
[54] **PROCEDE DE FABRICATION EN CONTINU D'ALCOOLS DE SUCRE ANHYDRES**  
[72] RIETH, JOCHEN, DE  
[72] DINGERDISSEN, UWE, DE  
[72] KOHLE, NORBERT, DE  
[72] KIND, WERNER, DE  
[72] ROESKY, RAINER, FR  
[72] HUBBARD, MICHAEL A., US  
[72] ZEY, EDWARD G., US  
[72] SHOCKLEY, THOMAS H., US  
[72] KVAKOVSKY, GEORGE, US  
[72] THOMZIGK, MANFRED, DE  
[72] WOHLERS, MICHAEL, DE  
[72] BRINEGAR, WILLARD C., US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2001-02-13  
[86] 1999-01-11 (PCT/US99/00537)  
[87] 2000-03-16 (WO00/14081)  
[30] DE (198 41 032.8) 1998-09-09

[21] **2,340,349**  
[13] A1  
[51] **Int.Cl. 6E02B 7/00 6E02B 3/10**  
[25] EN  
[54] **DIKE MODULE**  
[54] **MODULE DE DIGUE**  
[72] SCHNEIDER, REINHARD, DE  
[71] SCHNEIDER, REINHARD, DE  
[85] 2001-02-13  
[86] 1997-11-17 (PCT/DE97/02682)  
[87] 1999-03-11 (WO99/11868)  
[30] DE (197 38 216.9) 1997-09-02  
[30] DE (197 46 460.2) 1997-10-21

[21] **2,340,350**  
[13] A1  
[51] **Int.Cl. 7C07D 473/06 7A61K 31/522**  
[25] EN  
[54] **PHENYL YANTHINE DERIVATIVES**  
[54] **DERIVES DE PHENYLXANTHINE**  
[72] JURGENSEN, CYNTHIA HOLDER, US  
[72] DALUGE, SUSAN MARY, US  
[72] MARTIN, MICHAEL TOLAR, US  
[72] OSTERHOUT, MARTIN HOWARD, US  
[71] GLAXO GROUP LIMITED, GB  
[85] 2001-02-08  
[86] 1999-08-11 (PCT/EP99/05814)  
[87] 2000-02-24 (WO00/09507)  
[30] GB (9817623.3) 1998-08-13

[21] **2,340,351**  
[13] A1  
[51] **Int.Cl. 7B22D 11/128 7F15B 13/02**  
[25] EN  
[54] **DEVICE FOR HYDRAULICALLY ADJUSTING THE ROLLERS OF STRAND GUIDING SEGMENTS OF A CONTINUOUS CASTING INSTALLATION**  
[54] **PROCEDE POUR LE REGLAGE HYDRAULIQUE DES ROULEAUX DES SEGMENTS DE GUIDAGE DU BRIN D'UNE INSTALLATION DE COULEE CONTINUE**  
[72] HILD, BERTHOLD, DE  
[72] HARTMANN, RALF, DE  
[72] GEERKENS, CHRISTIAN, DE  
[72] WATZLAW, MEINHARD, DE  
[71] SMS SCHLOEMANN-SIEMAG AKTIENGESELLSCHAFT, DE  
[85] 2001-02-13  
[86] 1999-08-13 (PCT/EP99/05944)  
[87] 2000-02-24 (WO00/09279)  
[30] DE (198 36 843.7) 1998-08-14



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[21] **2,340,352**  
[13] A1  
[51] **Int.Cl. 7G11B 7/125 7G11B 7/00 7G11B 20/10**  
[25] EN  
[54] **OPTICAL DATA RECORDING METHOD, AND DATA RECORDING MEDIUM**  
[54] **PROCEDE D'ENREGISTREMENT DE DONNEES OPTIQUES ET SUPPORT D'ENREGISTREMENT DE DONNEES**  
[72] NAKAMURA, ATSUSHI, JP  
[72] SHOJI, MAMORU, JP  
[72] ISHIDA, TAKASHI, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[85] 2001-02-09  
[86] 1999-07-08 (PCT/JP99/03699)  
[87] 2000-03-23 (WO00/16322)  
[30] JP (10/259908) 1998-09-14  
[30] JP (10/350100) 1998-12-09

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[21] **2,340,353**  
[13] A1  
[51] **Int.Cl. 7G01N 33/543 7B05D 7/24**  
[25] EN  
[54] **DEVICE AND PROCESS FOR INVESTIGATING CHEMICAL INTERACTIONS**  
[54] **DISPOSITIF POUR L'ANALYSE D'INTERACTIONS CHIMIQUES ET SON PROCEDE D'UTILISATION**  
[72] ENGBERS, GERARDUS HENRICUS MARIA, NL  
[72] TERLINGEN, JOHANNES GJSBERTUS ANTONIUS, NL  
[71] HOLLAND BIOMATERIALS GROUP B.V., NL  
[85] 2001-02-13  
[86] 1999-08-06 (PCT/NL99/00504)  
[87] 2000-02-24 (WO00/10012)  
[30] NL (1009871) 1998-08-14

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[21] **2,340,354**  
[13] A1  
[51] **Int.Cl. 7F16K 3/24**  
[25] EN  
[54] **SPOOL VALVE FOR FLUID CONTROL**  
[54] **SOUPAPE A TIROIR POUR REGULATION FLUIDIQUE**  
[72] GLEASMAN, VERNON E., US  
[72] ALEXANDER, WARREN R., US  
[71] TORVEC, INC., US  
[85] 2001-02-09  
[86] 2000-01-25 (PCT/US00/01619)  
[87] 2000-08-03 (WO00/45074)  
[30] US (09/238,444) 1999-01-28

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[21] **2,340,355**  
[13] A1  
[51] **Int.Cl. 6B01D 39/04 6B01D 39/16**  
[25] EN  
[54] **HIGH EFFICIENCY SYNTHETIC FILTER MEDIUM**  
[54] **SUPPORT DE FILTRAGE SYNTHETIQUE A HAUTE EFFICACITE**  
[72] WU, TIEN T., US  
[72] KINDERMAN, RICHARD, US  
[72] ABOLHASSAN, SEYED, US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 2001-02-13  
[86] 1999-02-16 (PCT/US99/03188)  
[87] 2000-03-16 (WO00/13765)  
[30] US (09/146,627) 1998-09-03

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[21] **2,340,357**  
[13] A1  
[51] **Int.Cl. 7G06T 9/40**  
[25] EN  
[54] **EMBEDDED QUADTREE WAVELETS IN IMAGE COMPRESSION**  
[54] **ONDELETES D'ARBRE QUADRATIQUE ENCASTRE EN COMPRESSION D'IMAGE**  
[72] XIONG, YI, CA  
[72] WANG, MENG, CA  
[71] DIGITAL ACCELERATOR CORPORATION, CA  
[85] 2001-02-09  
[86] 1999-08-10 (PCT/CA99/00739)  
[87] 2000-02-24 (WO00/10131)  
[30] US (60/096,007) 1998-08-10

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[21] **2,340,358**  
[13] A1  
[51] **Int.Cl. 7B29B 9/06 7B29B 13/04 7B29B 9/12 7B29C 47/88**  
[25] EN  
[54] **METHOD AND DEVICE FOR FEEDING AND TREATING PLASTIC STRANDS**  
[54] **PROCEDE ET DISPOSITIF PERMETTANT D'AMENER ET DE TRAITER DES BOUDINS EN PLASTIQUE**  
[72] STEINBACHER, WERNER, DE  
[72] GLOCKNER, FRANK, DE  
[71] RIETER AUTOMATIK GMBH, DE  
[85] 2001-02-09  
[86] 2000-07-13 (PCT/EP00/06691)  
[87] 2001-01-25 (WO01/05566)  
[30] DE (199 33 476.5) 1999-07-16

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[21] **2,340,360**  
[13] A1  
[51] **Int.Cl. 7A01K 97/00**  
[25] EN  
[54] **FISHING TIP-UP**  
[54] **DISPOSITIF DE PECHE SUR GLACE**  
[72] BENNETT, FRED, US  
[72] ODDIE, DUNCAN, US  
[72] FACKENTHALL, KRISTIAN, US  
[72] ELMER, ERRETT, US  
[72] MASON, ROBERT, US  
[71] TRIPLEEE ENGINEERED SOLUTIONS, LLC, US  
[85] 2001-02-09  
[86] 2000-06-09 (PCT/US00/40182)  
[87] 2000-12-14 (WO00/74480)  
[30] US (60/138,335) 1999-06-09

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[21] **2,340,361**  
[13] A1  
[51] **Int.Cl. 7C12Q 1/68**  
[25] EN  
[54] **ASSAYS USING CROSSLINKABLE IMMOBILIZED NUCLEIC ACIDS**  
[54] **DOSAGES UTILISANT DES ACIDES NUCLEIQUES RETICULABLES IMMOBILISES**  
[72] HUAN, BINGFANG, US  
[72] ALBAGLI, DAVID, US  
[72] CHENG, PETER C., US  
[72] VAN ATTA, REUEL B., US  
[72] WOOD, MICHAEL L., US  
[71] NAXCOR, US  
[85] 2001-02-09  
[86] 1999-08-23 (PCT/US99/18950)  
[87] 2000-03-16 (WO00/14281)  
[30] US (09/138,195) 1998-08-21

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## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,340,362</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01F 1/057 6C22C 38/00</b> [25] EN [54] <b>IRON-RARE EARTH-BORON-REFRACTORY METAL MAGNETIC NANOCOMPOSITES</b> [54] <b>NANOCOMPOSITES MAGNETIQUES A BASE DE FER, D'ELEMENTS DE TERRES RARES, DE BORE ET DE METAL REFRACTAIRE</b> [72] CHEN, QUN, US [72] CHANG, WEN CHENG, TW [72] MA, BAO-MIN, US [72] BOUNDS, CHARLES O., US [71] SANTOKU AMERICA, INC., US [85] 2001-02-09 [86] 1998-10-16 (PCT/US98/21884) [87] 1999-04-29 (WO99/21196) [30] US (60/062,940) 1997-10-22 [30] US (60/062,939) 1997-10-22 [30] US (60/062,830) 1997-10-22 [30] US (60/062,832) 1997-10-22 [30] US (09/001,727) 1997-12-31</p>	<p style="text-align: right;">[21] <b>2,340,364</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H03M 13/00</b> [25] EN [54] <b>PARTITIONED DEINTERLEAVER MEMORY FOR MAP DECODER</b> [54] <b>MEMOIRE DE DISPOSITIF DE DESENTRELACEMENT CLOISONNEE POUR DECODEUR A PROBABILITE MAXIMALE A POSTERIORI</b> [72] KANG, INYUP, US [71] QUALCOMM INCORPORATED, US [85] 2001-02-13 [86] 1999-08-13 (PCT/US99/18551) [87] 2000-02-24 (WO00/10255) [30] US (60/096,489) 1998-08-14 [30] US (09/259,665) 1999-02-26</p>	<p style="text-align: right;">[21] <b>2,340,368</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A47C 7/62 6A47C 13/00</b> [25] EN [54] <b>FOLDING CHAIR WITH RETRACTABLE CUP HOLDER</b> [54] <b>CHAISE PLIANTE EQUIPEE D'UN PORTE-GOBELET</b> [72] MENDENHALL, ANDREW B., US [72] HOLTKE, TIMOTHY D., US [72] TURNER, DENNIS M., US [71] COSCO MANAGEMENT, INC., US [85] 2001-02-13 [86] 1999-08-13 (PCT/US99/18460) [87] 2000-02-24 (WO00/08978) [30] US (60/096,503) 1998-08-14</p>
<p style="text-align: right;">[21] <b>2,340,363</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B03D 1/02 6B03D 1/006 6B03D 1/008 6B03D 1/01 6B03D 1/012 6B03D 1/014</b> [25] EN [54] <b>FLOTATION OF SULFIDE MINERAL SPECIES WITH OILS</b> [54] <b>FLOTTATION D'ESPECES MINERALES AU SULFURE AVEC DES HUILES</b> [72] BAUER, KATHY, US [72] YOUNG, SHARON K., US [72] GREENE, MICHAEL G., US [72] REBER, NORMAND R. (DECEASED), US [72] YOUNG, TOM L., US [71] VERSITECH, INC., US [85] 2001-02-09 [86] 1999-08-09 (PCT/US99/18055) [87] 2000-02-24 (WO00/09268) [30] US (60/096,175) 1998-08-11</p>	<p style="text-align: right;">[21] <b>2,340,366</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H03M 13/00</b> [25] EN [54] <b>MEMORY ARCHITECTURE FOR MAP DECODER</b> [54] <b>ARCHITECTURE DE MEMOIRE POUR DECODEUR A PROBABILITE MAXIMALE A POSTERIORI</b> [72] HALTER, STEVEN J., US [71] QUALCOMM INCORPORATED, US [85] 2001-02-13 [86] 1999-08-13 (PCT/US99/18550) [87] 2000-02-24 (WO00/10254) [30] US (60/096,489) 1998-08-14 [30] US (09/259,665) 1999-02-26 [30] US (09/283,013) 1999-03-31</p>	<p style="text-align: right;">[21] <b>2,340,370</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C05C 9/00 6C07C 273/00 6C08G 12/00 6A01N 25/00 6C05C 9/02 6C08G 12/12</b> [25] EN [54] <b>HIGHLY AVAILABLE PARTICULATE CONTROLLED RELEASE NITROGEN FERTILIZER</b> [54] <b>ENGRAIS AZOTES EN PARTICULES A LIBERATION CONTROLEE A DISPONIBILITE ELEVEE</b> [72] MOORE, WILLIAM P., US [71] MOORE, WILLIAM P., US [71] LESCO, INC., US [85] 2001-02-13 [86] 1999-08-05 (PCT/US99/17882) [87] 2000-02-24 (WO00/09462) [30] US (09/130,344) 1998-08-13</p>
<p style="text-align: right;">[21] <b>2,340,367</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04L 9/32</b> [25] EN [54] <b>UNIQUE DIGITAL SIGNATURE</b> [54] <b>SIGNATURE NUMERIQUE UNIQUE</b> [72] GIBBS, BENJAMIN K., US [72] ROEDER, G. R. KONRAD, US [71] OMNIPOINT CORPORATION, US [85] 2001-02-13 [86] 1999-07-30 (PCT/US99/17409) [87] 2000-02-24 (WO00/10289) [30] US (09/134,133) 1998-08-14</p>	<p style="text-align: right;">[21] <b>2,340,372</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E06B 3/677 7B01J 20/18 7B01J 20/26</b> [25] EN [54] <b>DISPENSABLE NON-ADHESIVE DESICCATED MATRIX SYSTEM FOR INSULATING GLASS UNITS</b> [54] <b>SYSTEME DE MATRICE FLUIDE NON COLLANTE A SICCATIF INTEGRE POUR PANNEAUX DE VITRAGE ISOLANT</b> [72] FERRI, LOUIS ANTHONY, US [71] TRUSEAL TECHNOLOGIES, INC., US [85] 2001-02-13 [86] 1999-08-12 (PCT/US99/18340) [87] 2000-02-24 (WO00/09848) [30] US (60/096,490) 1998-08-14 [30] US (09/235,069) 1999-01-21</p>	

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[21] **2,340,373**  
[13] A1  
[51] **Int.Cl. 7C08L 57/00 7C08L 63/00 7C09D 5/03**  
[25] EN  
[54] **THERMOSETTING COMPOSITIONS CONTAINING CARBOXYLIC ACID FUNCTIONAL POLYMERS PREPARED BY ATOM TRANSFER RADICAL POLYMERIZATION**  
[54] **COMPOSITIONS THERMODURCISSABLES, CONTENANT DES POLYMERES FONCTIONNELS A GROUPES CARBOXYLIQUES PREPARES PAR POLYMERISATION RADICALE A TRANSFERT D'ATOME**  
[72] WHITE, DANIELA, US  
[72] BARKAC, KAREN A., US  
[72] COCA, SIMION, US  
[72] FRANKS, JAMES R., US  
[72] HUMBERT, KURT A., US  
[72] OLSON, KURT G., US  
[72] O'DWYER, JAMES B., US  
[72] MARTIN, ROXALANA L., US  
[72] LAMERS, PAUL H., US  
[71] PPG INDUSTRIES OHIO, INC., US  
[85] 2001-02-13  
[86] 1999-08-30 (PCT/US99/19446)  
[87] 2000-03-09 (WO00/12626)  
[30] US (60/098,603) 1998-08-31  
[30] US (09/375,017) 1999-08-16

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[21] **2,340,374**  
[13] A1  
[51] **Int.Cl. 7B23B 31/26 7B23B 31/113**  
[25] EN  
[54] **CUTTING HEAD AND TOOL HOLDER COUPLING**  
[54] **ASSEMBLAGE D'UNE TETE DE COUPE ET D'UN SUPPORT D'OUTIL**  
[72] HECHT, GIL, IL  
[71] ISCAR LTD., IL  
[85] 2001-02-13  
[86] 1999-08-04 (PCT/IL99/00429)  
[87] 2000-02-24 (WO00/09282)  
[30] IL (125766) 1998-08-13

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[21] **2,340,375**  
[13] A1  
[51] **Int.Cl. 7A61K 31/343 7A61P 35/00 7A61K 49/04 7A61K 51/04 7A61K 47/22 7C07D 307/93**  
[25] EN  
[54] **AGENT FOR ENHANCING ACCUMULATION OF DRUGS IN TUMOR TISSUES**  
[54] **AGENT FACILITANT L'ACCUMULATION DE MEDICAMENTS DANS DES TISSUS TUMORAUX**  
[72] HARA, MICHIO, JP  
[72] MAEDA, HIROSHI, JP  
[71] TORAY INDUSTRIES, INC., JP  
[71] MAEDA, HIROSHI, JP  
[85] 2001-02-13  
[86] 2000-06-13 (PCT/JP00/03829)  
[87] 2000-12-21 (WO00/76496)  
[30] JP (11/166763) 1999-06-14

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[21] **2,340,376**  
[13] A1  
[51] **Int.Cl. 7A61B 10/00**  
[25] EN  
[54] **DEVICE FOR RECEIVING AND ACTUATING A BIOPSY NEEDLE**  
[54] **DISPOSITIF DESTINE A LA RECEPTION ET A L'ACTIONNEMENT D'UNE AIGUILLE DE BIOPSIE**  
[72] HEINRICH, JURGEN, DE  
[71] GIP MEDIZINTECHNIK GMBH, DE  
[85] 2001-02-08  
[86] 1999-09-08 (PCT/DE99/02841)  
[87] 2000-03-16 (WO00/13592)  
[30] DE (198 40 978.8) 1998-09-08

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[21] **2,340,377**  
[13] A1  
[51] **Int.Cl. 7B41J 3/407**  
[25] EN  
[54] **DESIGN OF TEXT AND GRAPHIC IMAGERY ON FLAG OR TAB MEDIA**  
[54] **CONCEPTION D'OBJETS TEXTUELS OU GRAPHIQUES SUR DES SUPPORTS A VIGNETTES OU ONGLETS**  
[72] O'BRIEN, MICHAEL E., US  
[72] EISENBERG, PETER M., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2001-02-13  
[86] 1999-08-12 (PCT/US99/18392)  
[87] 2000-02-24 (WO00/09342)  
[30] US (09/134,794) 1998-08-14

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[21] **2,340,378**  
[13] A1  
[51] **Int.Cl. 7B01J 8/24 7B01J 8/18**  
[25] EN  
[54] **GASEOUS FLUIDIZATION AIDS**  
[54] **SYSTEME GAZEUX D'AIDE A LA FLUIDISATION**  
[72] JIAO, SHI-YUN, CN  
[72] GRACE, JOHN R., CA  
[72] ZHU, JINGXU, CA  
[71] THE UNIVERSITY OF WESTERN ONTARIO, CA  
[85] 2001-02-08  
[86] 1999-08-13 (PCT/CA99/00742)  
[87] 2000-02-24 (WO00/09254)  
[30] US (09/133,215) 1998-08-13

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[21] **2,340,381**  
[13] A1  
[51] **Int.Cl. 6A61M 37/00**  
[25] EN  
[54] **METHODS AND APPARATUS FOR IN SITU FORMATION OF HYDROGELS**  
[54] **PROCEDES ET APPAREIL SERVANT A FORMER DES HYDROGELS IN SITU**  
[72] MELANSON, DAVID A., US  
[72] CAMPBELL, PATRICK K., US  
[72] SAWHNEY, AMARPREET S., US  
[71] INCEPT LLC, US  
[85] 2001-02-13  
[86] 1999-08-13 (PCT/US99/18446)  
[87] 2000-02-24 (WO00/09199)  
[30] US (09/134,198) 1998-08-14  
[30] US (60/108,273) 1998-11-12

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[21] **2,340,383**  
[13] A1  
[51] **Int.Cl. 7A61F 9/013**  
[25] EN  
[54] **KERATOME**  
[54] **KERATOME**  
[72] FEINGOLD, VLADIMIR, US  
[71] FEINGOLD, VLADIMIR, US  
[85] 2001-02-08  
[86] 1999-08-11 (PCT/US99/18165)  
[87] 2000-02-24 (WO00/09055)  
[30] US (09/132,897) 1998-08-12

## Demandes PCT entrant en phase nationale

<p>[21] <b>2,340,384</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04L 9/32</b> [25] EN [54] <b>APPARATUS AND METHOD FOR AN AUTHENTICATED ELECTRONIC USERID</b> [54] <b>APPAREIL ET PROCEDE PERMETTANT D'AUTHEMTIFIER L'IDENTIFICATION ELECTRONIQUE D'UN UTILISATEUR</b> [72] GIBBS, BENJAMIN K., US [71] OMNIPOINT CORPORATION, US [85] 2001-02-13 [86] 1999-07-30 (PCT/US99/17285) [87] 2000-02-24 (WO00/10288) [30] US (09/133,875) 1998-08-14 [30] US (09/293,131) 1999-04-16</p>	<p>[21] <b>2,340,390</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04R 1/02 7H04R 27/00 7E04B 1/82</b> [25] EN [54] <b>DIFFUSER PANEL WITH BUILT-IN SPEAKER ARRANGEMENT AND METHODS OF INSTALLATION</b> [54] <b>PANNEAU FORMANT DIFFUSEUR AVEC UN SYSTEME DE HAUT-PARLEUR INTEGRE ET PROCEDES D'INSTALLATION</b> [72] MCGRATH, RALPH D., US [72] ALTER, HARRY A., US [71] OWENS CORNING, US [85] 2001-02-13 [86] 1999-07-22 (PCT/US99/16602) [87] 2000-03-16 (WO00/14996) [30] US (09/146,902) 1998-09-04</p>	<p>[21] <b>2,340,393</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B23K 35/26 7C22C 13/02</b> [25] EN [54] <b>LEAD-FREE SOLDER</b> [54] <b>SOUDURE SANS PLOMB</b> [72] NAKAGAKI, SHIGEKI, JP [72] SAKAGUCHI, KOICHI, JP [72] DOMI, SHINJIRO, JP [72] SUGANUMA, KATSUAKI, JP [71] NIPPON SHEET GLASS CO., LTD., JP [85] 2001-02-08 [86] 2000-06-05 (PCT/JP00/03631) [87] 2000-12-21 (WO00/76717) [30] JP (11/164737) 1999-06-11</p>
<p>[21] <b>2,340,386</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01B 3/44 7H01B 7/02</b> [25] EN [54] <b>ELECTRICAL WIRE INSULATION</b> [54] <b>ISOLANT POUR FIL ELECTRIQUE</b> [72] RODWAY, GILES HENRY, GB [71] RAYCHEM LIMITED, GB [85] 2001-02-08 [86] 1999-09-17 (PCT/GB99/03116) [87] 2000-03-30 (WO00/17889) [30] GB (9820214.6) 1998-09-17</p>	<p>[21] <b>2,340,391</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F23D 23/00 6F23M 13/00 6F23R 3/42</b> [25] EN [54] <b>ARRANGEMENT FOR REDUCTION OF ACOUSTIC VIBRATIONS IN A COMBUSTION CHAMBER</b> [54] <b>SYSTEME POUR REDUIRE LES VIBRATIONS ACOUSTIQUES DANS UNE CHAMBRE DE COMBUSTION</b> [72] ANDERSSON, LEIF G., SE [71] ABB AB, SE [85] 2001-02-08 [86] 1999-07-23 (PCT/SE99/01308) [87] 2000-02-24 (WO00/09945) [30] SE (9802707-1) 1998-08-11</p>	<p>[21] <b>2,340,395</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F16K 17/40</b> [25] EN [54] <b>GAS CARTRIDGE ACTUATED ISOLATION VALVE</b> [54] <b>VANNE D'ISOLEMENT ACTIONNEE PAR UNE CARTOUCHE DE GAZ</b> [72] GOING, JOHN E., US [72] STAGGS, WILLIAM A., US [71] FIKE CORPORATION, US [85] 2001-02-13 [86] 1999-08-12 (PCT/US99/18478) [87] 2000-02-24 (WO00/09920) [30] US (09/133,573) 1998-08-13 [30] US (09/373,087) 1999-08-12</p>
<p>[21] <b>2,340,389</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A63F 3/00 6A63F 9/18</b> [25] EN [54] <b>A GAME HAVING MULTIPLE GAME ACTIVITIES</b> [54] <b>JEU A ACTIVITES MULTIPLES</b> [72] ALEXANDER, WILLIAM WHITNEY II, US [72] TAIT, RICHARD J., US [71] CRANIUM, INC., US [85] 2001-02-08 [86] 1999-08-10 (PCT/US99/18086) [87] 2000-02-24 (WO00/09225) [30] US (09/135,383) 1998-08-17</p>	<p>[21] <b>2,340,392</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/31 7C07K 16/12 7A61K 38/16 7C07K 14/21 7G01N 33/53</b> [25] EN [54] <b>CLONING OF BASB023 ANTIGEN FROM MORAXELLA CATARRHALIS</b> [54] <b>CLONAGE DE L'ANTIGENE BASB023 A PARTIR DE MORAXELLA CATARRHALIS</b> [72] THONNARD, JOELLE, BE [71] SMITHKLINE BEECHAM BIOLOGICALS S.A., BE [85] 2001-02-13 [86] 1999-08-11 (PCT/EP99/05828) [87] 2000-02-24 (WO00/09694) [30] GB (9817824.7) 1998-08-14</p>	<p>[21] <b>2,340,396</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G02C 11/00 7G01T 1/11</b> [25] EN [54] <b>APPARATUS FOR MEASURING FACIAL EXPOSURE TO RADIATION, MOUNTABLE ON AN EYE PROTECTIVE DEVICE</b> [54] <b>APPAREIL DE MESURE DE L'EXPOSITION DU VISAGE A UN RAYONNEMENT, SUSCEPTIBLE D'ETRE MONTE SUR UN DISPOSITIF DE PROTECTION OCULAIRE</b> [72] SAWYER, ROBERT N., US [71] SAWYER, ROBERT N., US [85] 2001-02-08 [86] 1999-03-09 (PCT/US99/05081) [87] 2000-02-24 (WO00/10050) [30] US (09/131,901) 1998-08-10</p>

## PCT Applications Entering the National Phase

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[21] **2,340,397**  
[13] A1

[51] **Int.Cl. 7H02H 3/04**  
[25] EN  
[54] **A MONITOR CIRCUIT FOR A CURRENT LIMITING DEVICE**  
[54] **CIRCUIT DE SURVEILLANCE POUR DISPOSITIF LIMITEUR DE COURANT**  
[72] STRUEMLER, RALF, CH  
[72] RAJALA, ERKKI, FI  
[72] JOKINIEMI, TIMO, FI  
[71] ABB RESEARCH LTD., CH  
[85] 2001-02-13  
[86] 2000-06-13 (PCT/CH00/00321)  
[87] 2000-12-28 (WO00/79665)  
[30] EP (99810537.3) 1999-06-17

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[21] **2,340,399**  
[13] A1

[51] **Int.Cl. 7C11D 3/39**  
[25] EN  
[54] **THE USE OF AN ALIPHATIC-AROMATIC DIACYL PEROXIDE IN A BLEACHING COMPOSITION**  
[54] **UTILISATION DE PEROXYDE DE DIACYLE AROMATIQUE-ALIPHATIQUE DANS UNE COMPOSITION DE BLANCHIMENT**  
[72] SCIALLA, STEFANO, IT  
[72] CAMPESTRINI, SANDRO, IT  
[72] ZANAZZI, SILVIA, IT  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-02-08  
[86] 1999-09-01 (PCT/US99/20128)  
[87] 2000-03-09 (WO00/12666)  
[30] EP (98870184.3) 1998-09-01

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[21] **2,340,400**  
[13] A1

[51] **Int.Cl. 7C11D 1/83**  
[25] EN  
[54] **SOLUBILIZATION OF LOW 2-PHENYL ALKYL BENZENE SULFONATES**  
[54] **SOLUBILISATION DE SULFONATES D'ALKYL BENZENE 2-PHENYLE INFERIEURS**  
[72] LEWIS, RONALD G., US  
[72] LEWIS, DAVID C., US  
[71] HUNTSMAN PETROCHEMICAL CORPORATION, US  
[85] 2001-02-08  
[86] 1999-08-24 (PCT/US99/19588)  
[87] 2000-03-09 (WO00/12659)  
[30] US (09/141,660) 1998-08-28

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[21] **2,340,401**  
[13] A1

[51] **Int.Cl. 7H03C 1/62 7H04B 1/00 7H04B 17/00 7H04B 1/18 7H04Q 7/20 7H04B 1/60**  
[25] EN  
[54] **SYSTEM AND METHOD FOR MEASURING AND LOCATING A MOBILE STATION SIGNAL IN A WIRELESS COMMUNICATION SYSTEM**  
[54] **SIGNAL ET PROCEDE DE MESURE ET DE LOCALISATION D'UN SIGNAL DE STATION MOBILE DANS UN SYSTEME DE COMMUNICATION SANS FIL**  
[72] WEISS, ANTHONY J., IL  
[72] KARMI, YAIR, IL  
[71] SIGMAONE COMMUNICATIONS CORPORATION, US  
[85] 2001-02-13  
[86] 1999-08-19 (PCT/US99/18992)  
[87] 2000-03-02 (WO00/11804)  
[30] US (09/136,277) 1998-08-19

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[21] **2,340,402**  
[13] A1

[51] **Int.Cl. 7C11D 1/83**  
[25] EN  
[54] **SOLUBILIZATION OF LOW 2-PHENYL ALKYL BENZENE SULFONATES**  
[54] **SOLUBILISATION DE SULFONATES D'ALKYL BENZENE A FAIBLE TENEUR EN 2-PHENYLE**  
[72] LEWIS, DAVID C., US  
[72] LEWIS, RONALD G., US  
[71] HUNTSMAN PETROCHEMICAL CORPORATION, US  
[85] 2001-02-08  
[86] 1999-08-24 (PCT/US99/19176)  
[87] 2000-03-09 (WO00/12658)  
[30] US (09/143,177) 1998-08-28

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[21] **2,340,403**  
[13] A1

[51] **Int.Cl. 6B22F 9/04 6B22F 1/00 6C22C 1/04**  
[25] EN  
[54] **PREPARATION OF NANOCRYSTALLINE ALLOYS BY MECHANICAL ALLOYING CARRIED OUT AT ELEVATED TEMPERATURES**  
[54] **PREPARATION D'ALLIAGES NANOCRYSTALLINS PAR BROYAGE MECANIQUE A TEMPERATURES ELEVEES**  
[72] RIOUX, REYNALD, CA  
[72] BOILY, SABIN, CA  
[72] HUOT, JACQUES, CA  
[72] SCHULZ, ROBERT, CA  
[71] HYDRO-QUEBEC, CA  
[85] 2001-02-13  
[86] 1998-09-30 (PCT/CA98/00939)  
[87] 2000-04-06 (WO00/18530)

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[21] **2,340,404**  
[13] A1

[51] **Int.Cl. 7C30B 15/22 7C30B 15/00 7C30B 29/06 7C30B 15/26 7C30B 15/30**  
[25] EN  
[54] **METHOD AND SYSTEM FOR STABILIZING DENDRITIC WEB CRYSTAL GROWTH**  
[54] **PROCEDE ET SYSTEME DE STABILISATION DE LA CROISSANCE DENDRITIQUE DU TYPE WEB DES CRISTAUX**  
[72] STOEHR, ROBERT P., US  
[72] MEIER, DANIEL L., US  
[72] MACUGA, EDWARD V., US  
[72] NEUGEBAUER, GREGORY T., US  
[72] SALAMI, JALAL, US  
[72] SIMPSON, PHILIP J., US  
[71] EBARA SOLAR, INC., US  
[85] 2001-02-13  
[86] 1999-07-28 (PCT/US99/17136)  
[87] 2000-02-24 (WO00/09784)  
[30] US (60/096,574) 1998-08-14  
[30] US (09/294,529) 1999-04-19

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[21] **2,340,405**  
[13] A1  
[51] **Int.Cl. 7C07D 401/12 7A61P 11/00 7C07D 401/04 7C07D 403/04 7C07D 417/04 7A61P 9/10 7C07D 403/12 7A61P 13/12 7A61K 31/505 7A61K 31/506**  
[25] EN  
[54] **SUBSTITUTED 4-AMINO-2-ARYL-PYRIMIDINES, THEIR PRODUCTION AND USE AND PHARMACEUTICAL PREPARATIONS CONTAINING SAME**  
[54] **4-AMINO-2-ARYL-PYRIMIDINE SUBSTITUEE PROCEDE DE FABRICATION, UTILISATION ET PREPARATIONS PHARMACEUTIQUES LA CONTENANT**  
[72] SCHINDLER, URSULA, DE  
[72] SCHONAFINGER, KARL, DE  
[72] STROBEL, HARTMUT, DE  
[71] AVENTIS PHARMA DEUTSCHLAND GMBH, DE  
[85] 2001-02-13  
[86] 1999-08-04 (PCT/EP99/05636)  
[87] 2000-02-24 (WO00/09496)  
[30] DE (198 36 697.3) 1998-08-13

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[21] **2,340,406**  
[13] A1  
[51] **Int.Cl. 7H02H 3/04**  
[25] EN  
[54] **AN APPARATUS FOR LIMITING AN ELECTRICAL CURRENT**  
[54] **DISPOSITIF DE LIMITATION DE COURANT ELECTRIQUE**  
[72] JOKINIEMI, TIMO, FI  
[72] STRUEMPLER, RALF, CH  
[72] RAJALA, ERKKI, FI  
[72] GLATZ-REICHENBACH, JOACHIM, CH  
[71] ABB RESEARCH LTD., CH  
[85] 2001-02-13  
[86] 2000-06-13 (PCT/CH00/00322)  
[87] 2000-12-28 (WO00/79666)  
[30] EP (99 810 538.1) 1999-06-17

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[21] **2,340,408**  
[13] A1  
[51] **Int.Cl. 7G06F 9/44 7G06F 3/033**  
[25] EN  
[54] **METHODS AND APPARATUSES FOR TRACKING THE ACTIVE WINDOW OF A HOST COMPUTER IN A REMOTE COMPUTER DISPLAY WINDOW**  
[54] **PROCEDE ET APPAREIL POUR SUIVRE LA FENETRE ACTIVE D'UN ORDINATEUR CENTRAL DANS UNE FENETRE D'AFFICHAGE D'ORDINATEUR ELOIGNE**  
[72] FAGIOLI, JAMES O., US  
[71] SYMANTEC CORPORATION, US  
[85] 2001-02-13  
[86] 1999-08-10 (PCT/US99/18072)  
[87] 2000-02-24 (WO00/10077)  
[30] US (09/134,076) 1998-08-13

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[21] **2,340,413**  
[13] A1  
[51] **Int.Cl. 6B65D 17/34 6B21D 51/44**  
[25] EN  
[54] **SAFE OPENING CAN END AND METHOD OF MANUFACTURING**  
[54] **COUVERCLE DE BOITE DE CONSERVE A FERMETURE DE SECURITE ET SON PROCEDE DE FABRICATION**  
[72] DOUGLAS, PETER M., US  
[72] HUBER, WILLIAM, US  
[71] H.J. HEINZ COMPANY, US  
[85] 2001-02-13  
[86] 1999-08-09 (PCT/US99/16708)  
[87] 2000-02-24 (WO00/09406)  
[30] US (09/134,435) 1998-08-14

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[21] **2,340,414**  
[13] A1  
[51] **Int.Cl. 7C03C 17/04 7C03C 8/02 7C03C 8/14**  
[25] EN  
[54] **DECORATED GLASS-CERAMIC PLATE AND CORRESPONDING METHOD OF DECORATION**  
[54] **PLAQUE VITRO-CERAMIQUE DECOREE ET PROCEDE DE DECORATION ASSOCIE**  
[72] BEUNET, LIONEL, FR  
[72] PAPIN, ERIC, FR  
[72] COMTE, MARIE, FR  
[72] PESCHIERA, SOPHIE, FR  
[71] EUROKERA, FR  
[85] 2001-02-13  
[86] 1999-08-13 (PCT/IB99/01485)  
[87] 2000-02-24 (WO00/09458)  
[30] FR (98/10385) 1998-08-13

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[21] **2,340,415**  
[13] A1  
[51] **Int.Cl. 7C08L 67/02 7C08L 101/00**  
[25] EN  
[54] **BLENDS OF POLY(1,3-PROPYLENE 2,6-NAPHTHALATE)**  
[54] **MELANGES DE POLY(1,3-PROPYLENE 2,6-NAPHTALATE)**  
[72] NG, HOWARD CHUNG-HO, CA  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2001-02-13  
[86] 1999-08-26 (PCT/US99/19623)  
[87] 2000-03-09 (WO00/12628)  
[30] US (60/098,675) 1998-09-01

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[21] **2,340,416**  
[13] A1  
[51] **Int.Cl. 7A61K 48/00 7C12N 15/87**  
[25] EN  
[54] **PROTECTED ONE-VIAL FORMULATION FOR NUCLEIC ACID MOLECULES, METHODS OF MAKING THE SAME BY IN-LINE MIXING, AND RELATED PRODUCTS AND METHODS**  
[54] **FORMULATION PROTEGEE, DANS UN SEUL FLACON, POUR MOLECULES D'ACIDE NUCLEIQUE, SES PROCEDES DE FABRICATION PAR MELANGEAGE EN LIGNE, PRODUITS ET PROCEDES ASSOCIES**  
[72] TAGLIAFERRI, JENNA, US  
[72] LAWSON, LUKE, US  
[72] BRUNO, MARIA, US  
[72] LOGAN, MARK J., US  
[72] MUMPER, RUSS, US  
[71] VALENTIS, INC., US  
[85] 2001-02-13  
[86] 1999-08-10 (PCT/US99/18064)  
[87] 2000-02-24 (WO00/09086)  
[30] US (60/096,572) 1998-08-14

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<p style="text-align: right;">[21] <b>2,340,417</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 9/00</b> [25] EN [54] <b>METHODS FOR FORMING REGIONAL TISSUE ADHERENT BARRIERS AND DRUG DELIVERY SYSTEMS</b> [54] <b>METHODES DE FORMATION DE BARRIERES ADHERENTES AUX TISSUS DANS DES ZONES DONNEES ET SYSTEMES D'ADMINISTRATION DE MEDICAMENTS</b> [72] SAWHNEY, AMARPREET S., US [71] INCEPT LLC, US [85] 2001-02-13 [86] 1999-08-13 (PCT/US99/18522) [87] 2000-02-24 (WO00/09087) [30] US (09/134,748) 1998-08-14</p>	<p style="text-align: right;">[21] <b>2,340,422</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/37 7A61K 39/12 7C07K 14/205</b> [25] EN [54] <b>METHOD FOR PRODUCING YEAST EXPRESSED HPV TYPES 6 AND 16 CAPSID PROTEINS</b> [54] <b>PROCEDE POUR PRODUIRE DES PROTEINES DE CAPSIDES DE TYPES 6 ET 16 DU PVH EXPRIMEES DANS DES LEVURES</b> [72] BENSI, GIULIANO, IT [72] PETRACCA, ROBERTO, IT [72] GREER, CATHERINE E., US [72] GALEOTTI, CESIRA L., IT [72] BUONAMASSI, DANIELA TORNESE, IT [71] CHIRON CORPORATION, US [85] 2001-02-13 [86] 1999-08-13 (PCT/US99/18016) [87] 2000-02-24 (WO00/09699) [30] US (60/096,625) 1998-08-14</p>	<p style="text-align: right;">[21] <b>2,340,425</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 19/00 6A61M 29/00 6A61M 39/00 6A61M 25/16 6A61M 25/18</b> [25] EN [54] <b>PERFUSION CATHETER SYSTEM HAVING SUTURELESS ARTERIOTOMY SEAL AND METHODS OF USE</b> [54] <b>SYSTEME DE CATHETER DE PERFUSION DOTE D'UN ELEMENT DE SCELLEMENT D'ARTERIOTOMIE SANS SUTURES ET SES PROCEDES D'UTILISATION</b> [72] AFZAL, THOMAS A., US [71] CARDIOVENTION, INC., US [85] 2001-02-13 [86] 1999-08-13 (PCT/US99/18523) [87] 2000-02-24 (WO00/09028) [30] US (09/134,280) 1998-08-14</p>
<p style="text-align: right;">[21] <b>2,340,420</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06K 9/00</b> [25] EN [54] <b>SYSTEM AND METHOD FOR ARITHMETIC OPERATIONS FOR ELECTRONIC PACKAGE INSPECTION</b> [54] <b>SYSTEME ET PROCEDE PERMETTANT D'EFFECTUER DES OPERATIONS ARITHMETIQUES AFIN DE VERIFIER UN BOITIER ELECTRONIQUE</b> [72] LUDLOW, JONATHAN EDMUND, US [72] KING, STEVEN JOSEPH, US [71] ACUITY IMAGING, LLC., US [85] 2001-02-13 [86] 1999-08-09 (PCT/US99/17985) [87] 2000-02-24 (WO00/10114) [30] US (09/134,397) 1998-08-14</p>	<p style="text-align: right;">[21] <b>2,340,423</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B67D 3/00</b> [25] EN [54] <b>MULTI-DIRECTIONAL APPLICATOR WITH SHAPE RETENTION PROPERTIES</b> [54] <b>APPLICATEUR ORIENTABLE POSSEDANT DES PROPRIETES DE RETENTION DE FORME</b> [72] BROWN, DANIEL P., US [71] FLEXIBLE PRODUCTS COMPANY, US [85] 2001-02-13 [86] 1999-08-06 (PCT/US99/17968) [87] 2000-02-24 (WO00/09438) [30] US (09/134,400) 1998-08-14</p>	<p style="text-align: right;">[21] <b>2,340,426</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A01F 12/00</b> [25] EN [54] <b>SINGLE ROW OR PLANT COMBINE HARVESTING MACHINE</b> [54] <b>MACHINE DE RECOLTE COMBINEE D'UNE SEULE RANGEE OU D'UNE SEULE PLANTE</b> [72] DAVIS, MICHAEL A., US [72] KONZAK, CALVIN F., US [71] NORTHWEST PLANT BREEDING CO., US [85] 2001-02-13 [86] 1999-08-12 (PCT/US99/18586) [87] 2000-02-24 (WO00/08915) [30] US (09/134,018) 1998-08-14</p>
<p style="text-align: right;">[21] <b>2,340,421</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 5/01</b> [25] EN [54] <b>A METHOD AND APPARATUS FOR COMPRESSING SIGNALS IN A FIXED POINT FORMAT WITHOUT INTRODUCING A BIAS</b> [54] <b>PROCEDE ET APPAREIL DE COMPRESSION DE SIGNAUX DANS UN FORMAT DE POINT FIXE SANS INTRODUCTION D'UNE DISTORSION</b> [72] RIDDLE, CHRISTOPHER C., US [72] LEVIN, JEFFREY A., US [71] QUALCOMM INCORPORATED, US [85] 2001-02-13 [86] 1999-08-13 (PCT/US99/18546) [87] 2000-02-24 (WO00/10253) [30] US (09/134,248) 1998-08-14</p>	<p style="text-align: right;">[21] <b>2,340,424</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F42B 5/02</b> [25] EN [54] <b>SELF LOADING GUN CARTRIDGE</b> [54] <b>CARTOUCHE DE FUSIL A CHARGEMENT AUTOMATIQUE</b> [72] SAXBY, MICHAEL ERNEST, GB [71] LAMBETH PROPERTIES LTD., BS [85] 2001-02-13 [86] 1999-08-13 (PCT/GB99/02556) [87] 2000-02-24 (WO00/09965) [30] GB (9817515.1) 1998-08-13 [30] GB (9819929.2) 1998-09-14</p>	<p style="text-align: right;">[21] <b>2,340,427</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01N 33/02</b> [25] EN [54] <b>NON-SEDATING DIPHENHYDRAMINE METABOLITES</b> [54] <b>METABOLITES DE DIPHENHYDRAMINE, NON SEDATIFS</b> [72] ABERG, A. K. GUNNAR, US [71] BRIDGE PHARMA, INC., US [85] 2001-02-13 [86] 1999-08-11 (PCT/US99/18257) [87] 2000-02-24 (WO00/08928) [30] US (60/096,366) 1998-08-13</p>

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[21] **2,340,428**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C07K 14/47 7G01N 33/50 7C12Q 1/68 7C12N 15/85**  
[25] EN  
[54] **A SINGLE GENE ENCODING AORTIC-SPECIFIC AND STRIATED-SPECIFIC MUSCLE CELL ISOFORMS, ITS REGULATORY SEQUENCES AND USES THEREOF**  
[54] **GENE UNIQUE CODANT DES ISOFORMES SPECIFIQUES DES CELLULES DES MUSCLES AORTIQUES ET DES ISOFORMES SPECIFIQUES DES CELLULES DES MUSCLES STRIES, SEQUENCES REGULATRICES DE CE GENE, ET UTILISATIONS CORRESPONDANTES**  
[72] LEE, MU-EN, US  
[72] HSIEH, CHUNG-MING, US  
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US  
[85] 2001-02-13  
[86] 1999-05-11 (PCT/US99/10298)  
[87] 2000-02-24 (WO00/09689)  
[30] US (09/134,250) 1998-08-14  
[30] US (09/303,069) 1999-04-30

[21] **2,340,429**  
[13] A1

[51] **Int.Cl. 6C09B 61/00 6A23L 1/275**  
[25] EN  
[54] **TRANS-XANTHOPHYLL ESTER CONCENTRATES OF ENHANCED PURITY AND METHODS OF MAKING SAME**  
[54] **CONCENTRATS D'ESTER TRANS-XANTOPHYLLE A PURETE AMELIOREE ET LEURS PROCEDES DE PRODUCTION**  
[72] LEVY, LUIS, W., EC  
[71] INEXA, INDUSTRIA EXTRACTORA C.A., EC  
[85] 2001-02-13  
[86] 1999-04-14 (PCT/US99/08142)  
[87] 1999-10-28 (WO99/54408)  
[30] US (60/082,293) 1998-04-20  
[30] US (60/085,804) 1998-05-18  
[30] US (09/229,041) 1999-01-12

[21] **2,340,431**  
[13] A1

[51] **Int.Cl. 7F01D 15/10 7F02C 7/275 7F02C 9/28**  
[25] EN  
[54] **MICROTURBINE POWER GENERATING SYSTEM INCLUDING VARIABLE-SPEED GAS COMPRESSOR**  
[54] **SYSTEME DE PRODUCTION D'ENERGIE PAR MICROTURBINE COMPRENANT UN COMPRESSEUR A GAZ A VITESSE VARIABLE**  
[72] JENSEN, DAVID, US  
[71] ALLIEDSIGNAL INC., US  
[85] 2001-02-13  
[86] 1999-08-13 (PCT/US99/18435)  
[87] 2000-02-24 (WO00/09862)  
[30] US (09/134,254) 1998-08-14

[21] **2,340,432**  
[13] A1

[51] **Int.Cl. 6C25C 1/08 6C22B 23/00**  
[25] EN  
[54] **METHOD FOR THE REMOVAL OF SULFUR IN THE NICKEL LEACHING PROCESS**  
[54] **PROCEDE PERMETTANT D'ELIMINER LE SOUFRE DURANT LA LIXIVIATION DU NICKEL**  
[72] ROSENBACK, LEIF, FI  
[71] OUTOKUMPU OYJ, FI  
[85] 2001-02-13  
[86] 1999-08-12 (PCT/FI99/00672)  
[87] 2000-02-24 (WO00/09782)  
[30] FI (981760) 1998-08-17

[21] **2,340,433**  
[13] A1

[51] **Int.Cl. 7G01N 33/68 7G01N 33/574**  
[25] EN  
[54] **TAU AS A MARKER FOR EARLY CNS DAMAGE**  
[54] **TAU UTILISE COMME MARQUEUR DANS LE DIAGNOSTIC PRECOCE DE LESIONS DU SYSTEME NERVEUX CENTRAL**  
[72] VANDERSTICHELE, HUGO, BE  
[72] VANMECHELEN, EUGEN, BE  
[72] HULSTAERT, FRANK, BE  
[71] INNOGENETICS N.V., BE  
[85] 2001-02-13  
[86] 1999-09-07 (PCT/EP99/06592)  
[87] 2000-03-16 (WO00/14546)  
[30] EP (98870190.0) 1998-09-08

[21] **2,340,434**  
[13] A1

[51] **Int.Cl. 7H04N 7/14 7H04N 7/173**  
[25] EN  
[54] **INTERACTIVE SYSTEM FOR ENABLING TV SHOPPING**  
[54] **SYSTEME INTERACTIF PERMETTANT LE TELE-CHAT**  
[72] HUNT, SIMON JOHN, GB  
[71] MEDIA LOGIC SYSTEMS LTD., GB  
[85] 2001-02-13  
[86] 1999-08-12 (PCT/GB99/02665)  
[87] 2000-02-24 (WO00/10330)  
[30] GB (9817829.6) 1998-08-14

[21] **2,340,435**  
[13] A1

[51] **Int.Cl. 6F16L 11/22**  
[25] EN  
[54] **AN EASILY BENDABLE TUBING FOR TWO SEPARATE FLUIDS**  
[54] **TUBULURE A PLIAGE FACILE POUR DEUX FLUIDES SEPARES**  
[72] JOHANNESSEN, LEIF, SE  
[71] DELAVAL HOLDING AB, SE  
[85] 2001-02-13  
[86] 1999-08-30 (PCT/SE99/01486)  
[87] 2000-03-09 (WO00/12924)  
[30] SE (9802941-6) 1998-09-01

[21] **2,340,436**  
[13] A1

[51] **Int.Cl. 7H04B 10/08 7H04B 10/00 7H04B 10/17**  
[25] EN  
[54] **PATH MONITORING IN OPTICAL COMMUNICATION SYSTEMS**  
[54] **SURVEILLANCE DES VOIES DANS DES SYSTEMES DE COMMUNICATION OPTIQUE**  
[72] OBERG, MAGNUS, SE  
[72] LIDEN, FREDRIK, SE  
[72] SANDELL, JOHAN, SE  
[72] WINGSTRAND, SVEN, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-02-13  
[86] 1999-08-05 (PCT/EP99/05671)  
[87] 2000-02-24 (WO00/10268)  
[30] EP (98115350.5) 1998-08-14



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[21] **2,340,437**  
[13] A1

[51] **Int.Cl. 7B60G 17/015 7E01D 19/00**  
[25] EN  
[54] **VEHICLE/BRIDGE VIBRATION MITIGATION ASSEMBLY**  
[54] **AMORTISSEUR PENDULAIRE DE VIBRATION DE VEHICULE/PONT**  
[72] PATTEN, WILLIAM N., US  
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA, US  
[85] 2001-02-13  
[86] 1999-08-12 (PCT/US99/18375)  
[87] 2000-02-24 (WO00/09349)  
[30] US (09/133,547) 1998-08-13

[21] **2,340,439**  
[13] A1

[51] **Int.Cl. 7A61F 2/06**  
[25] EN  
[54] **STENT-GRAFT-MEMBRANE AND METHOD OF MAKING SAME**  
[54] **ENSEMBLE EXTENSEUR-GREFFE-MEMBRANE ET SON PROCEDE DE FABRICATION**  
[72] CHOUINARD, PAUL F., US  
[71] BOSTON SCIENTIFIC SCIMED, INC., US  
[85] 2001-02-13  
[86] 1999-08-16 (PCT/US99/18616)  
[87] 2000-02-24 (WO00/09041)  
[30] US (09/134,859) 1998-08-14

[21] **2,340,440**  
[13] A1

[51] **Int.Cl. 6G06K 9/00 6G06K 9/68**  
[25] EN  
[54] **SYSTEM AND METHOD FOR IMAGE SUBTRACTION FOR BALL AND BUMPED GRID ARRAY INSPECTION**  
[54] **SYSTEME ET PROCEDE DE SOUSTRACTION D'IMAGE PERMETTANT DE VERIFIER DES RESEAUX EN FORME DE GRILLE A BILLES OU A BOSSES**  
[72] LUDLOW, JONATHAN EDMUND, US  
[72] KING, STEVEN JOSEPH, US  
[71] ACUITY IMAGING, LLC., US  
[85] 2001-02-13  
[86] 1999-08-09 (PCT/US99/17986)  
[87] 2000-02-24 (WO00/10115)  
[30] US (09/134,654) 1998-08-14

[21] **2,340,441**  
[13] A1

[51] **Int.Cl. 7C25C 3/06 7G01N 21/65**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ANALYSIS OF CHEMICAL CONSTITUENTS IN AN ELECTROLYSIS CELL**  
[54] **PROCEDE ET APPAREIL D'ANALYSE DES CONSTITUANTS CHIMIQUES DANS UNE CELLULE D'ELECTROLYSE**  
[72] HUGLEN, REIDAR, NO  
[72] FOOSNAES, TRYGVE, NO  
[72] GILBERT, BERNARD, BE  
[71] NORSK HYDRO ASA, NO  
[85] 2001-02-13  
[86] 1999-08-11 (PCT/NO99/00250)  
[87] 2000-02-24 (WO00/09783)  
[30] NO (19983730) 1998-08-14

[21] **2,340,442**  
[13] A1

[51] **Int.Cl. 7C07C 209/10 7C07C 211/52**  
[25] EN  
[54] **PROCESS FOR PREPARING 3,5-DIFLUOROANILINE**  
[54] **PROCEDE DE PREPARATION DE 3,5-DIFLUOROANILINE**  
[72] LIPA, WILLIAM J., US  
[72] BREMMER, MARTIN L., US  
[71] BASF CORPORATION, US  
[85] 2001-02-13  
[86] 1999-08-07 (PCT/EP99/05729)  
[87] 2000-02-24 (WO00/09474)  
[30] US (09/134,620) 1998-08-14

[21] **2,340,443**  
[13] A1

[51] **Int.Cl. 6B32B 5/16 6B32B 9/04 6B32B 13/04 6B32B 25/04 6C08K 3/10 6C08K 7/16 6C08K 3/18 6C08K 3/22 6C08K 3/26 6C08K 3/34**  
[25] EN  
[54] **ADHESIVE CAULKING MATERIAL WHICH CAN MIMIC THE APPEARANCE OF A MULTICOLORED STONE SURFACE**  
[54] **MATERIAU DE CALFEUTRAGE CAPABLE D'IMITER L'ASPECT D'UNE SURFACE EN PIERRE POLYCHROME**  
[72] MODRAK, ROBERT G., US  
[72] BOISE, LAWRENCE H., US  
[72] ANDERSON, THEODORE P., US  
[71] GLOUCESTER CO., INC., US  
[85] 2001-02-13  
[86] 1999-08-13 (PCT/US99/18350)  
[87] 2000-02-24 (WO00/09322)  
[30] US (60/160,070) 1998-08-14  
[30] US (09/261,744) 1999-03-03

[21] **2,340,444**  
[13] A1

[51] **Int.Cl. 6C07D 311/80 6A61K 31/35 6C07D 311/92**  
[25] EN  
[54] **CANNABINOIDS SELECTIVE FOR THE CB2 RECEPTOR**  
[54] **CANNABINOIDES SPECIFIQUES AU RECEPTEUR CB2**  
[72] MAKRIYANNIS, ALEXANDROS, US  
[72] LU, DAI, US  
[72] KHANOLKAR, ATMARAM, US  
[71] THE UNIVERSITY OF CONNECTICUT, US  
[85] 2001-02-13  
[86] 1999-05-04 (PCT/US99/09806)  
[87] 1999-11-11 (WO99/57107)  
[30] US (60/084,129) 1998-05-04

[21] **2,340,445**  
[13] A1

[51] **Int.Cl. 6C07D 311/80 6C07D 407/04 6C07D 409/04 6A61K 31/35**  
[25] EN  
[54] **NOVEL ANALGESIC AND IMMUNOMODULATORY CANNABINOIDS**  
[54] **NOUVEAUX CANNABINOIDES ANALGESIQUES ET IMMUNOMODULATEURS**  
[72] KHANOLKAR, ATMARAM, US  
[72] LU, DAI, US  
[72] MAKRIYANNIS, ALEXANDROS, US  
[72] MENG, ZHAOXING, US  
[71] THE UNIVERSITY OF CONNECTICUT, US  
[85] 2001-02-13  
[86] 1999-05-04 (PCT/US99/09701)  
[87] 1999-11-11 (WO99/57106)  
[30] US (60/084,008) 1998-05-04

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[21] **2,340,446**  
[13] A1  
[51] **Int.Cl. 7H04Q 7/32 7G06F 1/12 7H04B 1/16**  
[25] EN  
[54] **SYNCHRONISATION OF A LOW POWER CLOCK IN A WIRELESS COMMUNICATION DEVICE**  
[54] **SYNCHRONISATION D'UNE HORLOGE DE FAIBLE PUISSANCE DANS UN DISPOSITIF DE COMMUNICATION SANS FIL**  
[72] BUTLER, BRIAN K., US  
[72] YU, NICHOLAS K., US  
[72] EASTON, KENNETH D., US  
[71] QUALCOMM INCORPORATED, US  
[85] 2001-02-13  
[86] 1999-08-13 (PCT/US99/18545)  
[87] 2000-02-24 (WO00/10354)  
[30] US (09/134,808) 1998-08-14

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[21] **2,340,447**  
[13] A1  
[51] **Int.Cl. 7A01G 23/08**  
[25] EN  
[54] **A DELIMBING DEVICE AND A METHOD IN A DELIMBING DEVICE**  
[54] **DISPOSITIF D'EBRANCHAGE ET DISPOSITIF D'EBRANCHAGE**  
[72] NIEMI, PETRI, FI  
[71] TIMBERJACK OY, FI  
[85] 2001-02-13  
[86] 1999-09-10 (PCT/FI99/00733)  
[87] 2000-03-23 (WO00/15025)  
[30] FI (981982) 1998-09-15

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[21] **2,340,448**  
[13] A1  
[51] **Int.Cl. 7C23C 16/50 7B05D 7/24 7C23C 16/30**  
[25] EN  
[54] **MODULATED PLASMA GLOW DISCHARGE TREATMENTS FOR MAKING SUPERHYDROPHOBIC SUBSTRATES**  
[54] **TRAITEMENTS PAR DECHARGE LUMINESCENTE AU PLASMA NON CONTINU, SERVANT A FABRIQUER DES SUBSTRATS EXTREMEMENT HYDROPHOBES**  
[72] FAVIA, PIETRO, IT  
[72] LAMENDOLA, RITALBA, IT  
[72] PALUMBO, GIANFRANCO, DE  
[72] CORZANI, ITALO, IT  
[72] D'AGOSTINO, RICCARDO, IT  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-02-13  
[86] 1999-09-07 (PCT/US99/20504)  
[87] 2000-03-16 (WO00/14297)  
[30] EP (98116895.8) 1998-09-07

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[21] **2,340,449**  
[13] A1  
[51] **Int.Cl. 7B05D 7/24**  
[25] EN  
[54] **DURABLY WETTABLE LIQUID PERVIOUS WEBS PREPARED USING A REMOTE PLASMA POLYMERIZATION PROCESS**  
[54] **VOILES IMPERMEABLES AUX LIQUIDES A MOUILLABILITE DURABLE PREPARES PAR UN PROCEDE DE POLYMERISATION AU PLASMA A DISTANCE**  
[72] LEE, YANN-PER, US  
[72] FRANCE, PAUL AMAAT, US  
[72] RADOMYSELSKIY, ARSENIY, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-02-13  
[86] 1999-09-20 (PCT/US99/21710)  
[87] 2000-03-30 (WO00/16914)  
[30] US (09/157,840) 1998-09-21  
[30] US (09/382,067) 1999-08-24

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[21] **2,340,450**  
[13] A1  
[51] **Int.Cl. 7C09K 7/02 7C08F 8/00**  
[25] EN  
[54] **SHALE-STABILIZING ADDITIVES**  
[54] **ADDITIFS DE STABILISATION DE FORMATIONS SCHISTEUSES**  
[72] BALSON, TERENCE GEORGE, GB  
[72] SMITH, CARL KEITH, GB  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[71] THE DOW CHEMICAL COMPANY, US  
[85] 2001-02-14  
[86] 1999-08-09 (PCT/GB99/02623)  
[87] 2000-02-24 (WO00/09625)  
[30] GB (9817780.1) 1998-08-15

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[21] **2,340,451**  
[13] A1  
[51] **Int.Cl. 7B32B 5/18 7B32B 5/22**  
[25] EN  
[54] **FOAMED FACER AND INSULATION BOARDS MADE THEREFROM**  
[54] **BARDAGE EN MOUSSE ET PANNEAUX ISOLANTS QU'IL PERMET DE FABRIQUER**  
[72] HORNER, CHARLES J., JR., US  
[72] FRANZYSHEN, FRANK S., US  
[72] SHERMAN, MURRAY S., US  
[71] BUILDING MATERIALS INVESTMENT CORPORATION, US  
[85] 2001-02-14  
[86] 1999-08-26 (PCT/US99/19499)  
[87] 2000-03-16 (WO00/14358)  
[30] US (60/099,451) 1998-09-08  
[30] US (09/376,247) 1999-08-18  
[30] US (09/376,275) 1999-08-18

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[21] **2,340,452**  
[13] A1  
[51] **Int.Cl. 7G02B 5/22 7F41H 3/00 7F21V 9/04**  
[25] EN  
[54] **METHOD OF REDUCING INFRARED VIEWABILITY OF OBJECTS**  
[54] **REDUCTION DE LA VISIBILITE INFRAROUGE D'OBJETS**  
[72] BRYANT, YVONNE G., US  
[72] MCKINNEY, RICHARD A., US  
[72] COLVIN, DAVID P., US  
[71] DELTA THERMAL SYSTEMS, INC., US  
[85] 2001-02-14  
[86] 1999-08-13 (PCT/US99/18458)  
[87] 2000-03-16 (WO00/13965)  
[30] US (60/096,670) 1998-08-15

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[21] **2,340,453**  
[13] A1

[51] **Int.Cl. 7B29C 33/38 7B23K 26/00 7B23K 9/035 7B29C 65/16 7B29C 53/38**  
[25] EN  
[54] **METHOD OF MAKING A MOLD FOR PATTERNED SURFACE ARTICLES**  
[54] **PROCEDE RELATIF A LA FABRICATION D'UN MOULE POUR ARTICLES A SURFACE MODELEE**  
[72] BACON, CHESTER A., JR., US  
[72] PAULSON, VERLYN H., US  
[72] GEISLER, GARY J., US  
[72] BENSON, GERALD M., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2001-02-14  
[86] 1999-08-27 (PCT/US99/19843)  
[87] 2000-03-16 (WO00/13873)  
[30] US (09/148,104) 1998-09-04  
[30] US (09/379,398) 1999-08-24

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[21] **2,340,465**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C12N 5/10 7A61K 38/17 7C07K 16/18 7C12N 1/21 7C07K 14/47 7G01N 33/50 7C12Q 1/68**  
[25] EN  
[54] **GENES THAT REGULATE HEMATOPOIETIC BLOOD FORMING STEM CELLS AND USES THEREOF**  
[54] **GENES REGULANT LES CELLULES SOUCHE HEMATOPOIETIQUES ET UTILISATION DE CES GENES**  
[72] LEMISCHKA, IHOR, US  
[72] MOORE, KATERI, US  
[71] PRINCETON UNIVERSITY, US  
[85] 2001-02-21  
[86] 1999-08-20 (PCT/US99/19052)  
[87] 2000-03-02 (WO00/11168)  
[30] US (09/138,132) 1998-08-21

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[21] **2,340,530**  
[13] A1

[51] **Int.Cl. 7H04Q 11/04 7H04L 12/56**  
[25] EN  
[54] **METHOD FOR ROUTING CONNECTIONS IN AN ATM NETWORK**  
[54] **PROCEDE POUR ACHEMINER DES COMMUNICATIONS DANS UN RESEAU MTA**  
[72] FISCHER, GERHARD, AT  
[72] CONTE, MARCO, AT  
[72] BELLA, LUIGI, NL  
[72] RAMMER, JOSEF, AT  
[72] CHUMMUN, FERIAL, NL  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2001-02-15  
[86] 1999-08-09 (PCT/DE99/02484)  
[87] 2000-03-02 (WO00/11906)  
[30] DE (198 37 243.4) 1998-08-17

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[21] **2,340,454**  
[13] A1

[51] **Int.Cl. 7C07D 213/82 7C07D 417/02 7C07D 401/04 7C07D 409/04 7C07D 249/06 7C07D 231/14 7C07D 277/20 7C07D 263/34 7C07D 333/38 7C07D 241/44 7C07D 215/48 7C07D 307/68 7C07D 333/70 7C07D 307/84 7C07D 307/91**  
[25] EN  
[54] **BENZAMIDE DERIVATIVES AND THEIR USE AS CYTOKINE INHIBITORS**  
[54] **DERIVES DE BENZAMIDE ET LEUR UTILISATION EN TANT QU'INHIBITEURS DE CYTOKINES**  
[72] BROWN, GEORGE ROBERT, GB  
[72] BROWN, DEARG SUTHERLAND, GB  
[71] ASTRAZENECA AB, SE  
[85] 2001-02-14  
[86] 1999-09-21 (PCT/GB99/03144)  
[87] 2000-04-06 (WO00/18738)  
[30] GB (9820770.7) 1998-09-25  
[30] GB (9826938.4) 1998-12-09  
[30] GB (9905969.3) 1999-03-17

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[21] **2,340,468**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7A61K 48/00 7A61K 38/02 7A61K 39/395**  
[25] EN  
[54] **METHODS OF FACILITATING VASCULAR GROWTH**  
[54] **PROCEDES DESTINES A FACILITER LA CROISSANCE VASCULAIRE**  
[72] ZHANG, FANGRONG, US  
[72] GEBB, SARAH A., US  
[72] SCHWARZ, MARGARET, US  
[71] CHILDREN'S HOSPITAL OF LOS ANGELES, US  
[85] 2001-02-16  
[86] 1999-11-12 (PCT/US99/26743)  
[87] 2000-05-25 (WO00/29620)  
[30] US (60/108,435) 1998-11-13

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[21] **2,340,579**  
[13] A1

[51] **Int.Cl. 6C12N 15/24 6C12P 21/02 6A61K 38/20 6C07K 14/54**  
[25] EN  
[54] **INTERLEUKIN 18-BINDING PROTEIN**  
[54] **PROTEINE DE LIAISON DE L'INTERLEUKINE 18**  
[72] KURIMOTO, MASASHI, JP  
[72] TANIAI, MADOKA, JP  
[72] TORIGOE, KAKUJI, JP  
[71] KABUSHIKI KAISHA HAYASHIBARA SEIBUTSU KAGAKU KENKYUJO, JP  
[85] 2001-02-22  
[86] 1998-11-18 (PCT/JP98/05186)  
[87] 2000-03-09 (WO00/12555)  
[30] JP (10/247588) 1998-09-01  
[30] JP (10/327914) 1998-11-18

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[21] **2,340,581**  
[13] A1  
[51] **Int.Cl. 7C12N 15/31 7C12N 9/18 7C12N 1/21 7C12N 15/70**  
[25] EN  
[54] **PHENOLIC ACID ESTERASES, CODING SEQUENCES AND METHODS**  
[54] **ESTERASES D'ACIDE PHENOLIQUE, SEQUENCES DE CODAGE ET PROCEDES**  
[72] BLUM, DAVID L., US  
[72] LI, XIN-LIANG, US  
[72] KATAEVA, IRINA, US  
[72] LJUNGDAHL, LARS G., US  
[71] UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC., US  
[85] 2001-02-28  
[86] 1999-09-03 (PCT/US99/20304)  
[87] 2000-03-16 (WO00/14243)  
[30] US (60/099,136) 1998-09-04

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[21] **2,340,624**  
[13] A1  
[51] **Int.Cl. 7B01D 53/94 7B01J 23/847**  
[25] EN  
[54] **SELF-REGENERATING OXIDATION CATALYST FOR TREATING DIESEL ENGINE EXHAUST GASES**  
[54] **CATALYSEUR D'OXYDATION AUTO-REGENERANT POUR LE TRAITEMENT DES GAZ D'ECHAPPEMENT DES MOTEURS DIESEL**  
[72] MANSON, IAN, CA  
[71] REDEM TECHNOLOGIES, INC., US  
[85] 2001-01-08  
[86] 1999-07-15 (PCT/US99/16128)  
[87] 2000-01-27 (WO00/03790)  
[30] US (09/115,806) 1998-07-15

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[21] **2,340,641**  
[13] A1  
[51] **Int.Cl. 7D21H 23/14 7D21H 21/10 7D21H 17/28**  
[25] EN  
[54] **MANUFACTURE OF PAPER**  
[54] **FABRICATION DE PAPIER**  
[72] WARING, IAN MARK, GB  
[71] CIBA SPECIALTY CHEMICALS WATER TREATMENTS LIMITED, GB  
[85] 2001-02-12  
[86] 1999-08-16 (PCT/EP99/05999)  
[87] 2000-03-09 (WO00/12819)  
[30] GB (9818917.8) 1998-08-28

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[21] **2,340,643**  
[13] A1  
[51] **Int.Cl. 6G01J 9/02 6G01C 19/72**  
[25] EN  
[54] **INTERFEROMETER COUPLER USING MULTIPLE INPUT PORTS FOR IMPROVED STABILITY**  
[54] **COUPLEUR D'INTERFEROMETRE UTILISANT DES PORTS D'ENTREE MULTIPLES AFIN D'AMELIORER LA STABILITE**  
[72] HAYWOOD, JOHN HERBERT, AU  
[72] BASSETT, IAN MASSON, AU  
[71] THE UNIVERSITY OF SYDNEY, AU  
[85] 2001-02-13  
[86] 1999-10-11 (PCT/AU99/00870)  
[87] 2000-04-20 (WO00/22393)  
[30] AU (PP 6449) 1998-10-09

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[21] **2,340,644**  
[13] A1  
[51] **Int.Cl. 7H04B 1/707 7H04J 3/06 7H04B 7/26**  
[25] EN  
[54] **METHOD AND DEVICE FOR A FULL-DUPLEX RADIO TRANSMISSION SYSTEM WITH CODE DIVISION MULTIPLE ACCESS**  
[54] **PROCEDE ET DISPOSITIF DESTINE A UN SYSTEME DE TRANSMISSION RADIO DUPLEX INTEGRAL A ACCES CDMA**  
[72] JACKEL, KLAUS, DE  
[72] HACHENBERGER, ANDREAS, DE  
[72] REIBE, MATHIAS, DE  
[72] SCHIFFEL, REINHARD, DE  
[72] SEIDEL, JOACHIM, DE  
[71] Q-CELL GMBH, DE  
[85] 2001-02-13  
[86] 1999-08-03 (PCT/EP99/05619)  
[87] 2000-02-24 (WO00/10258)  
[30] DE (198 36 888.7) 1998-08-14

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[21] **2,340,647**  
[13] A1  
[51] **Int.Cl. 7C07K 7/56 7A61K 38/12**  
[25] EN  
[54] **REVERSIBLE BORONATE COMPLEXES OF 1,2-CIS-DIOL CYCLIC-PEPTIDES**  
[54] **COMPLEXES BORONATES REVERSIBLES/PEPTIDES CYCLIQUES A 1,2-CIS-DIOL**  
[72] MOSER, BRIAN ALLEN, US  
[72] BAKER, JEFFREY CLAYTON, US  
[71] ELI LILLY AND COMPANY, US  
[85] 2001-02-14  
[86] 1999-08-18 (PCT/US99/19066)  
[87] 2000-03-09 (WO00/12540)  
[30] US (60/098,267) 1998-08-28

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[21] **2,340,648**  
[13] A1  
[51] **Int.Cl. 6A61B 17/36 6A61M 37/00**  
[25] EN  
[54] **COMPOSITIONS, SYSTEMS, AND METHODS FOR CREATING IN SITU, CHEMICALLY CROSS-LINKED, MECHANICAL BARRIERS OR COVERING STRUCTURES**  
[54] **COMPOSITIONS, SYSTEMES ET PROCEDES SERVANT A FORMER IN SITU DES BARRIERES MECANIQUES OU DES STRUCTURES COUVRANTES RETICULEES CHIMIQUEMENT**  
[72] CRUISE, GREGORY M., US  
[72] HNOJEWYJ, OLEXANDER, US  
[72] GOUGH, EDWARD, US  
[72] EDWARDS, STUART D., US  
[71] NEOMEND, INC., US  
[85] 2001-02-14  
[86] 1999-08-25 (PCT/US99/19561)  
[87] 2000-03-09 (WO00/12018)  
[30] US (09/140,017) 1998-08-26  
[30] US (09/187,384) 1998-11-06  
[30] US (09/188,083) 1998-11-06  
[30] US (09/283,535) 1999-04-01

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[21] **2,340,653**  
[13] A1  
[51] **Int.Cl. 7H01L 29/51 7H01L 29/24 7H01L 21/28**  
[25] EN  
[54] **LAYERED DIELECTRIC ON SILICON CARBIDE SEMICONDUCTOR STRUCTURES**  
[54] **STRUCTURES SEMI-CONDUCTRICES STRATIFIEES A DIELECTRIQUE SUR CARBURE DE SILICIUM**  
[72] PALMOUR, JOHN WILLIAMS, US  
[72] LIPKIN, LORI A., US  
[71] CREE, INC., US  
[85] 2001-02-15  
[86] 1999-08-27 (PCT/US99/19775)  
[87] 2000-03-09 (WO00/13236)  
[30] US (09/141,795) 1998-08-28

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[21] **2,340,655**  
[13] A1  
[51] **Int.Cl. 6A61M 5/32**  
[25] EN  
[54] **FLUID INFUSION DEVICE WITH RETRACTABLE NEEDLE**  
[54] **DISPOSITIF DE PERFUSION DE LIQUIDES MUNI D'UNE AIGUILLE ESCAMOTABLE**  
[72] BOTICH, MICHAEL J., US  
[72] BARKER, JOHN, US  
[72] HALSETH, THOR R., US  
[71] MDC INVESTMENT HOLDINGS, INC., US  
[85] 2001-02-15  
[86] 1999-08-28 (PCT/US99/19763)  
[87] 2000-03-09 (WO00/12160)  
[30] US (60/098,280) 1998-08-28

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[21] **2,340,656**  
[13] A1  
[51] **Int.Cl. 6E02F 9/28 6F16B 2/14**  
[25] EN  
[54] **EXCAVATING BUCKET WITH REPLACEABLE WEDGE-LOCKED TEETH**  
[54] **BENNE EXCAVATRICE A DENTS INTERCHANGEABLES, BLOQUEES PAR DES COINS**  
[72] BIERWITH, ROBERT S., US  
[71] BERKELEY FORGE AND TOOL, INC., US  
[85] 2001-02-15  
[86] 1999-06-14 (PCT/US99/13373)  
[87] 1999-12-23 (WO99/66135)  
[30] US (60/089,357) 1998-06-15

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[21] **2,340,657**  
[13] A1  
[51] **Int.Cl. 7G01N 27/447**  
[25] EN  
[54] **MULTI-CHANNEL CAPILLARY ELECTROPHORESIS DEVICE INCLUDING SHEATH-FLOW CUVETTE AND REPLACEABLE CAPILLARY ARRAY**  
[54] **DISPOSITIF D'ELECTROPHORESE CAPILLAIRE MULTICANAUX COMPORTANT UNE CUVE A FLUX DE GAINAGE ET UN ENSEMBLE DE CAPILLAIRES AMOVIBLE**  
[72] WUNDERLE, PHILIP J., US  
[72] CARRILLO, ALBERT L., US  
[72] DEMOREST, DAVID M., US  
[72] NORDMAN, ERIC S., US  
[72] SHIGEURA, JOHN, US  
[71] PE CORPORATION (NY), US  
[85] 2001-02-14  
[86] 1999-09-09 (PCT/US99/20630)  
[87] 2000-03-23 (WO00/16086)  
[30] US (09/151,928) 1998-09-11

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[21] **2,340,661**  
[13] A1  
[51] **Int.Cl. 7G01N 27/447**  
[25] EN  
[54] **SAMPLE HANDLING SYSTEM FOR A MULTI-CHANNEL CAPILLARY ELECTROPHORESIS DEVICE**  
[54] **SYSTEME DE MANIPULATION D'ECHANTILLONS DESTINE A UN DISPOSITIF D'ELECTROPHORESE CAPILLAIRE A CANAUX MULTIPLES**  
[72] SHIGEURA, JOHN, US  
[72] KING, HOWARD GREGG, US  
[72] NORDMAN, ERIC S., US  
[72] DESMOND, SEAN MATTHEW, US  
[71] PE CORPORATION (NY), US  
[85] 2001-02-15  
[86] 1999-09-08 (PCT/US99/20555)  
[87] 2000-03-23 (WO00/16085)  
[30] US (09/152,590) 1998-09-14

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[21] **2,340,663**  
[13] A1  
[51] **Int.Cl. 7A61K 31/496 7C07D 403/12**  
[25] EN  
[54] **ANTIVIRAL INDOLEOXOACETYLPYPERAZINE DERIVATIVES**  
[54] **DERIVES D'INDOLEOXOACETYLPYPERAZINE, A PROPRIETES ANTIVIRALES**  
[72] YEUNG, KAP-SUN, US  
[72] ZHANG, ZHONGXING, US  
[72] WANG, TAO, US  
[72] WALLACE, OWEN B., US  
[72] WANG, HUI, US  
[72] SPICER, TIMOTHY P., US  
[72] LIN, PIN-FANG, US  
[72] BLAIR, WADE S., US  
[72] DESHPANDE, MILIND, US  
[72] FANG, HAIQUAN, US  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
[85] 2001-02-14  
[86] 2000-05-24 (PCT/US00/14359)  
[87] 2000-12-21 (WO00/76521)  
[30] US (60/139,213) 1999-06-15

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[21] **2,340,664**  
[13] A1  
[51] **Int.Cl. 7A61F 13/15**  
[25] EN  
[54] **AIR PERMEABLE ABSORBENT ARTICLE HAVING A HYDROPHOBIC FOAM BACKSHEET LAYER**  
[54] **ARTICLE ABSORBANT, PERMEABLE A L'AIR ET DOTE D'UNE COUCHE SUPPORT EN MOUSSE HYDROPHOBE**  
[72] CARLUCCI, GIANFRANCO, IT  
[72] D'INCECCO, AMADEO FRANCO, IT  
[72] CIMINI, CARMINE, IT  
[72] TORO, CARLO, IT  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-02-14  
[86] 1999-09-07 (PCT/US99/20502)  
[87] 2000-03-16 (WO00/13637)  
[30] EP (98116893.3) 1998-09-07

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,340,666</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61N 1/39</b> [25] EN [54] <b>METHOD AND APPARATUS FOR TREATMENT OF ARRHYTHMIAS</b> [54] <b>PROCEDE ET DISPOSITIF DE TRAITEMENT DES ARYTHMIES</b> [72] MEHRA, RAHUL, US [71] MEDTRONIC, INC., US [85] 2001-02-15 [86] 1999-08-11 (PCT/US99/18214) [87] 2000-02-24 (WO00/09207) [30] US (09/135,480) 1998-08-17</p>	<p style="text-align: right;">[21] <b>2,340,670</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C09B 1/515 6G01N 33/52 6G01N 33/58 6C12Q 1/68</b> [25] EN [54] <b>AN ANTHRAQUINONE AND ITS DERIVATIVES</b> [54] <b>ANTHRAQUINONE ET SES DERIVES</b> [72] PATTERSON, LAURENCE HYLTON, GB [72] SMITH, PAUL JAMES, GB [71] DE MONTFORT UNIVERSITY, GB [71] UNIVERSITY OF WALES COLLEGE OF MEDICINE, GB [85] 2001-02-14 [86] 1999-06-15 (PCT/GB99/01904) [87] 1999-12-23 (WO99/65992) [30] GB (9813062.8) 1998-06-18</p>	<p style="text-align: right;">[21] <b>2,340,675</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G02B 6/16 7G02B 6/22</b> [25] EN [54] <b>SINGLE-MODE OPTICAL FIBER</b> [54] <b>FIBRE OPTIQUE MONOMODE</b> [72] VOBIAN, JOACHIM, DE [72] BONESS, REINER, DE [72] DULTZ, WOLFGANG, DE [71] DEUTSCHE TELEKOM AG, DE [85] 2001-02-14 [86] 1999-08-23 (PCT/EP99/06188) [87] 2000-03-16 (WO00/14580) [30] DE (198 39 870.0) 1998-09-02</p>
<p style="text-align: right;">[21] <b>2,340,667</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61B 5/00 7G06F 19/00</b> [25] EN [54] <b>PROPHYLACTIC REDUCTION AND REMEDIATION OF SCHIZOPHRENIC IMPAIRMENTS THROUGH INTERACTIVE BEHAVIORAL TRAINING</b> [54] <b>REDUCTION PROPHYLACTIQUE ET TRAITEMENT DE TROUBLES SCHIZOPHRENIQUES PAR UN ENTRAINEMENT COMPORTEMENTAL INTERACTIF</b> [72] MERZENICH, MICHAEL M., US [71] SCIENTIFIC LEARNING CORPORATION, US [85] 2001-02-14 [86] 1999-08-11 (PCT/US99/18428) [87] 2000-02-24 (WO00/09007) [30] US (09/134,759) 1998-08-14</p>	<p style="text-align: right;">[21] <b>2,340,671</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 69/653 6C08F 20/30</b> [25] EN [54] <b>BROMINATED MATERIALS</b> [54] <b>MATERIAUX BROMES</b> [72] OLSON, DAVID B., US [71] MINNESOTA MINING AND MANUFACTURING COMPANY, US [85] 2001-02-15 [86] 1998-09-02 (PCT/US98/18127) [87] 2000-03-16 (WO00/14050)</p>	<p style="text-align: right;">[21] <b>2,340,676</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07K 7/50 7A61K 38/12</b> [25] EN [54] <b>RING MODIFIED CYCLIC PEPTIDE ANALOGS</b> [54] <b>ANALOGUES PEPTIDIQUES CYCLIQUES A SYSTEME CYCLIQUE MODIFIE</b> [72] SHEPHERD, TIMOTHY ALAN, US [72] MAYHUGH, DANIEL RAY, US [72] HENLE, STACY KAY, US [72] COHEN, JEFFREY DANIEL, US [72] GREGORY, GEORGE STUART, US [72] JUNGHEIM, LOUIS NICKOLAUS, US [72] TURNER, WILLIAM WILSON JR., US [72] HITCHCOCK, STEPHEN ANDREW, US [72] BORROMEO, PETER STANLEY, US [71] ELI LILLY AND COMPANY, US [85] 2001-02-14 [86] 1999-08-18 (PCT/US99/18908) [87] 2000-03-02 (WO00/11023) [30] US (60/097,228) 1998-08-20</p>
<p style="text-align: right;">[21] <b>2,340,668</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/40 7A61K 31/445</b> [25] EN [54] <b>HETEROCYCLIC THIOESTERS OR KETONES FOR VISION AND MEMORY DISORDERS</b> [54] <b>THIOESTERS OU CETONES HETEROCYCLIQUES DESTINES A DES TROUBLES DE LA VISION ET DE LA MEMOIRE</b> [72] ROSS, DOUGLAS T., US [72] HAMILTON, GREGORY S., US [72] SAUER, HANSJORG, US [72] STEINER, JOSEPH P., US [71] GPI NIL HOLDINGS, INC., US [85] 2001-02-14 [86] 1999-08-12 (PCT/US99/18239) [87] 2000-02-24 (WO00/09479) [30] US (09/134,424) 1998-08-14</p>	<p style="text-align: right;">[21] <b>2,340,672</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G02F 1/167</b> [25] EN [54] <b>ELECTRICALLY SWITCHABLE COMPOSITE FILMS</b> [54] <b>FEUILLES MULTICOUCHES ELECTRIQUEMENT COMMUTABLES</b> [72] SCHMIDT, FRIEDRICH GEORG, DE [71] CREAVIS GESELLSCHAFT FUR TECHNOLOGIE UND INNOVATION MBH, DE [85] 2001-02-14 [86] 2000-05-05 (PCT/DE00/01418) [87] 2000-12-21 (WO00/77570) [30] DE (199 27 361.8) 1999-06-16</p>	

## PCT Applications Entering the National Phase

[21] **2,340,677**  
[13] A1

[51] **Int.Cl. 7H01L 21/60 7H01L 23/12**  
[25] EN  
[54] **SEMICONDUCTOR PACKAGE, SEMICONDUCTOR DEVICE, ELECTRONIC DEVICE, AND METHOD OF MANUFACTURING SEMICONDUCTOR PACKAGE**  
[54] **BOITIER A SEMI-CONDUCTEUR, DISPOSITIF SEMI-CONDUCTEUR, DISPOSITIF ELECTRONIQUE ET PROCEDE DE FABRICATION DE BOITIER A SEMI-CONDUCTEUR**  
[72] INABA, MASATOSHI, JP  
[72] SUZUKI, TAKANAO, JP  
[72] OMINATO, TADANORI, JP  
[72] SADAKATA, NOBUYUKI, JP  
[72] MASUMOTO, KENJI, JP  
[72] MASUMOTO, MUTSUMI, JP  
[72] KAIZU, MASAHIRO, JP  
[72] INABA, MASATOSHI, JP  
[72] KUROSAKA, AKIHITO, JP  
[71] TEXAS INSTRUMENTS JAPAN LIMITED, JP  
[71] FUJIKURA LTD., JP  
[85] 2001-02-14  
[86] 2000-06-13 (PCT/JP00/03836)  
[87] 2000-12-21 (WO00/77844)  
[30] JP (11/169008) 1999-06-15

[21] **2,340,678**  
[13] A1

[51] **Int.Cl. 7H01R 13/66 7H01R 25/14**  
[25] EN  
[54] **ADAPTER, NOTABLY POWER BUS ADAPTER**  
[54] **ADAPTATEUR, NOTAMMENT DE BUS D'ALIMENTATION**  
[72] REH, GERHARD, DE  
[72] HILTSCHER, ALFONS, DE  
[72] TLUCZYKONT, STEFAN, DE  
[72] KRONER, DIETER, DE  
[72] SCHUIR, ALEXANDER, DE  
[72] DORRMANN, HORST, DE  
[72] ELLMANN, HELMUT, DE  
[72] HOFFMANN, ANGELIKA, DE  
[71] WIELAND ELECTRIC GMBH, DE  
[85] 2001-02-14  
[86] 1999-08-07 (PCT/EP99/05745)  
[87] 2000-02-24 (WO00/10232)  
[30] DE (298 14 596.0) 1998-08-14

[21] **2,340,679**  
[13] A1

[51] **Int.Cl. 6H04J 3/14**  
[25] EN  
[54] **SYSTEM AND METHOD FOR LOW LATENCY COMMUNICATION**  
[54] **SYSTEME ET PROCEDE DE COMMUNICATION A FAIBLE TEMPS D'ATTENTE**  
[72] ABBOTT, BEN, US  
[72] CHHABRIA, RAJESH, US  
[72] DEY, ABHIJIT, US  
[71] UTAH STATE UNIVERSITY, US  
[85] 2001-02-14  
[86] 1999-09-01 (PCT/US99/20074)  
[87] 2000-03-09 (WO00/13357)  
[30] US (09/145,194) 1998-09-01

[21] **2,340,680**  
[13] A1

[51] **Int.Cl. 7C22C 38/00 7C22C 38/54**  
[25] EN  
[54] **HIGH CARBON STEEL WIRE ROD EXCELLENT IN DRAWABILITY AND FATIGUE RESISTANCE AFTER WIRE DRAWING**  
[54] **TIGE DE FIL D'ACIER A TENEUR ELEVEE EN CARBONE PRESENTANT UNE EXCELLENTE CAPACITE D'ETIRAGE ET DE RESISTANCE A LA FATIGUE APRES ETIRAGE DU FIL**  
[72] TAKAHASHI, HIROMI, JP  
[72] HIKITA, NAOSHI, JP  
[72] SUGIMARU, SATOSHI, JP  
[72] NISHIDA, SEIKI, JP  
[72] YAMADA, WATARU, JP  
[71] NIPPON STEEL CORPORATION, JP  
[85] 2001-02-14  
[86] 2000-06-16 (PCT/JP00/03977)  
[87] 2000-12-21 (WO00/77271)  
[30] JP (11/169469) 1999-06-16

[21] **2,340,682**  
[13] A1

[51] **Int.Cl. 6C12N 15/00 6A61K 35/00 6A61K 48/00 6C07H 21/04 6C12N 15/63**  
[25] EN  
[54] **ADENOVIRUS FORMULATIONS FOR GENE THERAPY**  
[54] **FORMULATIONS D'ADENOVIRUS POUR THERAPIE GENIQUE**  
[72] MCGLENNON, KAREN R., US  
[72] SHIH, SHIAN-JIUN, US  
[72] MOODY, DEWEY, US  
[71] AVENTIS PHARMACEUTICALS PRODUCTS INC., US  
[85] 2001-02-14  
[86] 1999-08-13 (PCT/US99/18515)  
[87] 2000-02-24 (WO00/09675)  
[30] US (60/096,600) 1998-08-14

[21] **2,340,683**  
[13] A1

[51] **Int.Cl. 7G02F 1/167**  
[25] EN  
[54] **COMPOSITE SHEETS WITH ELECTRICALLY SWITCHABLE OPTICAL PROPERTIES MADE OF LIGHT-SCATTERING BASE MATERIAL**  
[54] **FEUILLES COMPOSITES A PROPRIETES OPTIQUES COMMUTABLES ELECTRIQUEMENT EN MATERIAUX SUPPORTS DIFFUSANT LA LUMIERE**  
[72] SCHMIDT, FRIEDRICH GEORG, DE  
[71] CREAVIS GESELLSCHAFT FUR TECHNOLOGIE UND INNOVATION MBH, DE  
[85] 2001-02-14  
[86] 2000-05-05 (PCT/DE00/01455)  
[87] 2000-12-21 (WO00/77571)  
[30] DE (199 27 359.6) 1999-06-16

[21] **2,340,686**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C12P 21/02 7C12N 5/10 7C12N 1/21 7C07K 16/28 7A61K 39/395 7G01N 33/566 7C12N 15/62 7C12N 15/63 7C12Q 1/68 7C07K 14/705**  
[25] EN  
[54] **NOVEL MOLECULES OF THE HERPES VIRUS-ENTRY-MEDIATOR-RELATED PROTEIN FAMILY AND USES THEREOF**  
[54] **NOUVELLES MOLECULES DE LA FAMILLE DES PROTEINES ASSOCIEES AU MEDIATEUR D'ENTREE DU VIRUS DE L'HERPES ET LEURS APPLICATIONS**  
[72] BUSFIELD, SAMANTHA J., US  
[71] MILLENIUM PHARMACEUTICALS, INC., US  
[85] 2001-02-14  
[86] 1999-09-03 (PCT/US99/20180)  
[87] 2000-03-16 (WO00/14230)  
[30] US (09/146,950) 1998-09-03  
[30] US (09/342,767) 1999-06-29

## Demandes PCT entrant en phase nationale

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[21] **2,340,687**  
[13] A1  
[51] **Int.Cl. 6H04Q 7/22**  
[25] EN  
[54] **METHOD FOR TRANSMITTING VOICE OR DATA IN A WIRELESS NETWORK DEPENDING ON BILLING ACCOUNT STATUS**  
[54] **PROCEDE D'EMISSION DE VOIE OU DE DONNEES DANS UN RESEAU HERTZIEN EN FONCTION DE L'ETAT DU COMPTE FACTURABLE**  
[72] LADUE, CHRISTOPH K., US  
[71] AERIS COMMUNICATIONS, INC., US  
[85] 2001-02-14  
[86] 1998-08-17 (PCT/US98/16982)  
[87] 2000-02-24 (WO00/10350)

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[21] **2,340,688**  
[13] A1  
[51] **Int.Cl. 7C22C 38/00**  
[25] EN  
[54] **HIGHLY CLEANED STEEL**  
[54] **ACIER FORTEMENT NETTOYE**  
[72] SUGIMARU, SATOSHI, JP  
[72] NISHIDA, SEIKI, JP  
[72] UEYAMA, SHINJIRO, JP  
[72] YAMADA, WATARU, JP  
[72] YATABE, HIROSHI, JP  
[71] NIPPON STEEL CORPORATION, JP  
[85] 2001-02-14  
[86] 2000-06-16 (PCT/JP00/03975)  
[87] 2000-12-21 (WO00/77270)  
[30] JP (11/169470) 1999-06-16

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[21] **2,340,689**  
[13] A1  
[51] **Int.Cl. 7C08F 291/00 7C08F 4/00 7C08F 293/00 7C08F 2/38**  
[25] EN  
[54] **GRAFTING OF ETHYLENICALLY UNSATURATED MONOMERS ONTO POLYMERS**  
[54] **GREFFE DE MONOMERES NON SATURES EN ETHYLENE SUR DES POLYMERES**  
[72] PFAENDNER, RUDOLF, DE  
[72] NESVADBA, PETER, CH  
[72] ROTH, MICHAEL, DE  
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH  
[85] 2001-02-14  
[86] 1999-08-23 (PCT/EP99/06172)  
[87] 2000-03-16 (WO00/14135)  
[30] EP (98810877.5) 1998-09-03

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[21] **2,340,690**  
[13] A1  
[51] **Int.Cl. 7C21C 7/068 7C21C 7/064 7C21C 7/10**  
[25] EN  
[54] **REFINING METHOD AND REFINING APPARATUS OF MOLTEN STEEL**  
[54] **PROCEDE ET DISPOSITIF DE RAFFINAGE D'ACIER FONDU**  
[72] SAKAI, WATARU, JP  
[72] OMURA, NORIO, JP  
[72] MUKAWA, SUSUMU, JP  
[72] IMAI, TADASHI, JP  
[72] KUNITAKE, OKITOMO, JP  
[71] NIPPON STEEL CORPORATION, JP  
[85] 2001-02-14  
[86] 2000-05-12 (PCT/JP00/03075)  
[87] 2000-12-21 (WO00/77264)  
[30] JP (11/169706) 1999-06-16  
[30] JP (11/215205) 1999-07-29

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[21] **2,340,691**  
[13] A1  
[51] **Int.Cl. 7B29C 70/30**  
[25] EN  
[54] **A METHOD OF CONSTRUCTING SKIN FOR A MEMBER OF A BODY SUCH AS AN AIRCRAFT**  
[54] **PROCEDE DE FORMATION D'UNE ENVELOPPE POUR UN ELEMENT D'UN CORPS TEL QU'UN AERONEF**  
[72] SPEAR, ROBERT DAVID, GB  
[72] GODBEHERE, ANDREW PAUL, GB  
[72] WILLIAMS, STEPHEN, GB  
[71] BAE SYSTEMS PLC, GB  
[85] 2001-02-14  
[86] 1999-08-12 (PCT/GB99/02668)  
[87] 2000-02-24 (WO00/09315)  
[30] GB (9817778.5) 1998-08-15

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[21] **2,340,692**  
[13] A1  
[51] **Int.Cl. 7A61K 39/385 7C08B 37/00 7C08L 5/00 7A61K 39/09 7A61K 39/095 7A61K 39/108 7A61K 39/395**  
[25] EN  
[54] **IMMUNOGENIC .BETA.-PROPIONAMIDO-LINKED POLYSACCHARIDE PROTEIN CONJUGATE USEFUL AS A VACCINE PRODUCED USING AN N-ACRYLOYLATED POLYSACCHARIDE**  
[54] **CONJUGUE DE PROTEINE-POLYSACCHARIDE IMMUNOGENE A LIAISON BETA-PROPIONAMIDO, UTILE COMME VACCIN ETABLI AU MOYEN D'UN POLYSACCHARIDE N-ACRYLOYLE**  
[72] HUANG, CHUN-HSIEN, US  
[72] MICHON, FRANCIS, US  
[72] UITZ, CATHERINE, US  
[71] NORTH AMERICAN VACCINE, INC., US  
[85] 2001-02-14  
[86] 1999-08-18 (PCT/US99/18982)  
[87] 2000-03-02 (WO00/10599)  
[30] US (60/097,120) 1998-08-19  
[30] US (09/376,911) 1999-08-18

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[21] **2,340,693**  
[13] A1  
[51] **Int.Cl. 6F02B 23/04 6F02B 31/00 6F02B 77/11**  
[25] EN  
[54] **RECIPROCATING MACHINE WITH TWO SUB-CHAMBERS**  
[54] **MACHINE ALTERNATIVE A DEUX SOUS-CHAMBRES**  
[72] GALBRAITH, PETER AFTON, AU  
[71] GALBRAITH ENGINEERING PTY. LTD., AU  
[85] 2001-02-14  
[86] 1999-09-01 (PCT/AU99/00708)  
[87] 2000-03-09 (WO00/12881)  
[30] AU (PP 5583) 1998-09-01



## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,340,695</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 7/38</b> [25] EN [54] <b>RANDOM ACCESS IN A MOBILE TELECOMMUNICATIONS SYSTEM</b> [54] <b>ACCES ALEATOIRE DANS UN SYSTEME DE TELECOMMUNICATIONS MOBILE</b> [72] ESMAILZADEH, RIAZ, JP [72] ROOBOL, CHRISTIAAN, SE [72] JAMAL, KARIM, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2001-02-15 [86] 1999-08-31 (PCT/SE99/01495) [87] 2000-03-16 (WO00/14989) [30] US (09/148,224) 1998-09-04</p>	<p style="text-align: right;">[21] <b>2,340,700</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 498/22 7C07D 205/00 7C07D 221/00 7C07D 267/00 7C07D 273/00 7C07D 311/00 7C07H 7/02 7C07D 498/18 7A61K 31/4353</b> [25] EN [54] <b>PHOTOCYCLIZED RAPAMYCINS</b> [54] <b>RAPAMYCINES</b> <b>PHOTOCYCLISEES</b> [72] ZHU, TIANMIN, US [72] LEE, HYUK-KOO, US [71] AMERICAN HOME PRODUCTS CORPORATION, US [85] 2001-02-15 [86] 1999-08-16 (PCT/US99/18564) [87] 2000-02-24 (WO00/09510) [30] US (09/135,421) 1998-08-17</p>	<p style="text-align: right;">[21] <b>2,340,707</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C10G 45/12 7C10G 45/08 7B01J 27/185 7B01J 27/188 7C10G 45/64 7B01J 29/69 7B01J 23/85</b> [25] EN [54] <b>PROCESS AND CATALYSTS FOR UPGRADING OF HYDROCARBONS BOILING IN THE NAPHTHA RANGE</b> [54] <b>PROCEDE ET CATALYSEURS DESTINES A FAVORISER L'EBULLITION DES HYDROCARBURES DANS LA PLAGES D'EBULLITION DU NAPHTA</b> [72] PANARELLO, FEBRONIO, IT [72] ZANIBELLI, LAURA, IT [72] ATANES, EVANGELINA, ES [72] ALBERTOS, FERNANDO, ES [72] ARRIGONI, VIRGINIO, IT [72] CHOLLEY, THIERRY, FR [71] REPSOL PETROLEO S.A., ES [71] AGIP PETROLI S.P.A., IT [71] EURON S.P.A., IT [71] ELF ANTAR FRANCE S.A., FR [71] ENITECNOLOGIE S.P.A., IT [85] 2001-02-14 [86] 1999-08-03 (PCT/EP99/05577) [87] 2000-02-24 (WO00/09632) [30] EP (98202744.3) 1998-08-15</p>
<p style="text-align: right;">[21] <b>2,340,696</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 13/00</b> [25] EN [54] <b>A SYSTEM AND METHOD FOR SUPPORTING MULTIPLE VENDOR TELEPHONY HARDWARE ON A COMPUTING PLATFORM</b> [54] <b>SYSTEME ET PROCEDE PERMETTANT DE FAIRE ACCEPTER PAR UNE PLATE-FORME INFORMATIQUE DES MATERIELS TELEPHONIQUES DE PLUSIEURS FABRIQUANTS</b> [72] NANCE, NICK, US [72] BOEHRER, TRACY, US [71] COM2001.COM, US [85] 2001-02-14 [86] 2000-05-22 (PCT/US00/14061) [87] 2001-01-11 (WO01/02966) [30] US (09/345,695) 1999-06-30</p>	<p style="text-align: right;">[21] <b>2,340,702</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/395 7A61P 25/00 7A61P 17/02 7A61K 31/401 7A61K 31/445 7A61K 31/4709</b> [25] EN [54] <b>PYRROLIDINE DERIVATIVES FOR VISION AND MEMORY DISORDERS</b> [54] <b>DERIVES PYRROLIDINE DESTINES A DES TROUBLES DE LA VISION ET DE LA MEMOIRE</b> [72] HAMILTON, GREGORY S., US [72] SAUER, HANSJORG, US [72] ROSS, DOUGLAS T., US [72] STEINER, JOSEPH P., US [71] GPI NIL HOLDINGS, INC., US [85] 2001-02-14 [86] 1999-08-12 (PCT/US99/18233) [87] 2000-02-24 (WO00/09124) [30] US (09/134,423) 1998-08-14</p>	<p style="text-align: right;">[21] <b>2,340,712</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B01J 19/00</b> [25] EN [54] <b>METHOD AND DEVICE FOR CARRYING OUT BIOCHEMICAL REACTIONS WITH A HIGH THROUGHPUT</b> [54] <b>PROCEDE ET DISPOSITIF DE REALISATION DE REACTIONS BIOCHIMIQUES A DEBIT ELEVE</b> [72] METZLER, THOMAS, DE [72] SCHELS, HANS, DE [72] REICHHUBER, ROLF, DE [72] KLUGE, JOCHEN, DE [71] ROCHE DIAGNOSTICS GMBH, DE [85] 2001-02-14 [86] 2000-06-10 (PCT/EP00/05378) [87] 2000-12-28 (WO00/78444) [30] EP (99111762.3) 1999-06-18</p>
<p style="text-align: right;">[21] <b>2,340,697</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07C 29/42</b> [25] EN [54] <b>METHOD FOR PRODUCING ALKYNE DIOLS</b> [54] <b>PROCEDE POUR LA PREPARATION DE DIOLS D'ALKINE</b> [72] KINDLER, ALOIS, DE [72] TRAGUT, CHRISTIAN, DE [72] BRUNNER, MELANIE, DE [72] HENKELMANN, JOCHEM, DE [71] BASF AKTIENGESELLSCHAFT, DE [85] 2001-02-15 [86] 1999-08-13 (PCT/EP99/05933) [87] 2000-02-24 (WO00/09465) [30] DE (198 37 211.6) 1998-08-17</p>		

## Demandes PCT entrant en phase nationale

[21] **2,340,715**  
[13] A1

[51] **Int.Cl. 7C08K 5/00 7A61L 2/00**  
[25] EN  
[54] **METHOD OF PREPARING A STERILE ARTICLE**  
[54] **PROCEDE DE PRODUCTION D'UN ARTICLE STERILE**  
[72] WANG, QI, US  
[72] NAGY, SANDOR, US  
[72] XU, MINGZHU, US  
[71] OCCIDENTAL CHEMICAL CORPORATION, US  
[85] 2001-02-14  
[86] 1999-07-29 (PCT/GB99/02484)  
[87] 2000-02-24 (WO00/09600)  
[30] US (09/135,120) 1998-08-17

[21] **2,340,717**  
[13] A1

[51] **Int.Cl. 7H04J 3/16**  
[25] EN  
[54] **A SYSTEM AND METHOD FOR CONTROLLING TELEPHONE CALLS THROUGH A CROSS PLATFORM ENABLED INTERNET BROWSER**  
[54] **SYSTEME ET PROCEDE SERVANT AUX COMMANDES D'APPELS TELEPHONIQUES VIA UN INTERSYSTEME A NAVIGATEUR INTERNET**  
[72] NANCE, NICK, US  
[72] JOHNSON, STEVE, US  
[72] BOEHRER, TRACY, US  
[72] PORTER, MATHEW, US  
[71] COM2001.COM, US  
[85] 2001-02-14  
[86] 2000-05-22 (PCT/US00/14062)  
[87] 2001-01-04 (WO01/01615)  
[30] US (09/340,372) 1999-06-28

[21] **2,340,719**  
[13] A1

[51] **Int.Cl. 7C12Q 1/04 7G01N 33/569**  
[25] EN  
[54] **COMPOSITION AND METHODS FOR EXPOSING ANTIGENIC EPITOPES ON CULTURED MICROORGANISM**  
[54] **COMPOSITION, FORMULES, DISPOSITIFS ET METHODES DE REGULATION DE LA SPECIFICITE ET DU CARACTERE INCLUSIF DE MICRO-ORGANISMES CONTENANT DES EPITOPES D'ANTIGENES ETROITEMENT LIES**  
[72] ZHU, PING, US  
[72] MUI, LINDA, US  
[72] KERR, DAVID A., US  
[72] FELDSINE, PHILIP T., US  
[71] BIOCONTROL SYSTEMS, INC., US  
[85] 2001-02-14  
[86] 1999-08-13 (PCT/US99/18531)  
[87] 2000-02-24 (WO00/10013)  
[30] US (60/096,566) 1998-08-14

[21] **2,340,720**  
[13] A1

[51] **Int.Cl. 7A61B 10/00 7G01N 33/58**  
[25] EN  
[54] **DETECTION OF CONTAMINANTS USING SELF-CONTAINED DEVICES EMPLOYING TARGET MATERIAL BINDING DYES**  
[54] **DETECTION DE CONTAMINANTS AU MOYEN DE DISPOSITIFS AUTONOMES UTILISANT DES COLORANTS LIANT LES SUBSTANCES CIBLES**  
[72] TORNBERG, MELANIE, US  
[72] ECKENROTH, BRIAN, US  
[72] CLARK, GENEVIEVE, US  
[72] CARPENTER, CHARLES, US  
[72] PIERSON, MARK, W., US  
[72] EHRENFELD, ELIZABETH, US  
[71] BIOCONTROL SYSTEMS, INC., US  
[85] 2001-02-14  
[86] 1999-08-06 (PCT/US99/17728)  
[87] 2000-02-24 (WO00/09016)  
[30] US (09/134,492) 1998-08-14

[21] **2,340,722**  
[13] A1

[51] **Int.Cl. 7C08J 5/18 7C08L 69/00 7B29C 47/88**  
[25] EN  
[54] **OPTICALLY ISOTROPIC POLYCARBONATE FILMS AND A METHOD FOR THE PRODUCTION THEREOF**  
[54] **FILMS EN POLYCARBONATE OPTIQUEMENT ISOTROPES, AINSI QUE LEUR PROCEDE DE FABRICATION**  
[72] NUMRICH, UWE, DE  
[72] HOFMANN, KLAUS, DE  
[72] EMERSON, ROGER, HUGH, GB  
[72] PFAFF, THOMAS, DE  
[72] MEIER-KAISER, MICHAEL, DE  
[71] ROHM GMBH, DE  
[85] 2001-02-14  
[86] 1999-08-16 (PCT/EP99/05996)  
[87] 2000-02-24 (WO00/09592)  
[30] DE (198 36 800.3) 1998-08-14

[21] **2,340,725**  
[13] A1

[51] **Int.Cl. 7H04R 25/02 7H04R 1/22**  
[25] EN  
[54] **ELECTRIC/ACOUSTIC TRANSDUCER MODULE, INTRA-AURAL HEARING-AID AND METHOD FOR PRODUCING AN INTRA-AURAL HEARING AID**  
[54] **MODULE CONVERTISSEUR ELECTRIQUE/ACOUSTIQUE, ET APPAREIL AUDITIF INTRA-AURICULAIRE ET SON PROCEDE DE PRODUCTION**  
[72] VONLANTHEN, ANDI, CH  
[71] PHONAK AG, CH  
[85] 2001-02-14  
[86] 2000-06-06 (PCT/CH00/00311)  
[87] 2000-12-28 (WO00/79832)  
[30] CH (PCT/CH99/00260) 1999-06-16

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[21] **2,340,727**  
[13] A1

[51] **Int.Cl. 7C08J 3/14 7C08L 5/00**  
[25] EN  
[54] **METHOD FOR THE PRODUCTION OF SMALL SPHERICAL PARTICLES CONTAINING AT LEAST ONE WATER-INSOLUBLE LINEAR POLYSACCHARIDE**  
[54] **PROCEDE DE PREPARATION DE PETITES PARTICULES SPHERIQUES CONTENANT AU MOINS UN POLYSACCHARIDE LINEAIRE SOLUBLE DANS L'EAU**  
[72] GRANDE, JURGEN, DE  
[72] BENGS, HOLGER, DE  
[71] AXIVA GMBH, DE  
[85] 2001-02-14  
[86] 1999-08-14 (PCT/EP99/05975)  
[87] 2000-03-09 (WO00/12589)  
[30] DE (198 39 212.5) 1998-08-28

[21] **2,340,734**  
[13] A1

[51] **Int.Cl. 7C07D 413/04 7A61P 9/00 7A61K 31/5395**  
[25] EN  
[54] **OPTICALLY ACTIVE PYRIDYL-4H-1,2,4-OXADIAZINE DERIVATIVE AND ITS USE IN THE TREATMENT OF VASCULAR DISEASES**  
[54] **DERIVE DE PYRIDYL-4H-1,2,4-OXADIAZINE OPTIQUEMENT ACTIF ET SON UTILISATION DANS LE TRAITEMENT DES MALADIES VASCULAIRES**  
[72] KRAJCSI, PETER, HU  
[72] KURUCZ, ISTVAN, HU  
[72] ACSAI, KAROLY, HU  
[72] BARABAS, MIHALY, HU  
[72] SZILBEREKY, JENO, HU  
[72] MARVANYOS, EDE, HU  
[72] BACSY, ERNO, HU  
[72] CSAKAI, ZITA, HU  
[72] TOROK, MAGDOLNA, HU  
[72] JEDNAKOVITS, ANDREA, HU  
[72] URGE, LASZLO, HU  
[72] KOROM, ZSUZSANNA, HU  
[72] DENES, LASZLO, HU  
[72] NAGY, ZOLTAN, HU  
[72] UROGDI, LASZLO, HU  
[71] BIOREX KUTAT, ÉS FEJLESZTO RT., HU  
[85] 2001-02-14  
[86] 1999-12-07 (PCT/HU99/00095)  
[87] 2000-06-22 (WO00/35914)  
[30] HU (P 9802897) 1998-12-14

[21] **2,340,735**  
[13] A1

[51] **Int.Cl. 7B32B 5/12 7B29C 65/00 7B64C 1/12 7B29C 70/20 7B32B 5/26**  
[25] EN  
[54] **COMPOSITE MATERIAL CONSTRUCTION**  
[54] **FORMATION DE MATIERE COMPOSITE**  
[72] SPEAR, ROBERT DAVID, GB  
[72] WILLIAMS, STEPHEN, GB  
[71] BAE SYSTEMS PLC, GB  
[85] 2001-02-14  
[86] 1999-08-12 (PCT/GB99/02670)  
[87] 2000-02-24 (WO00/09321)  
[30] GB (9817777.7) 1998-08-15

[21] **2,340,742**  
[13] A1

[51] **Int.Cl. 7H04L 9/32**  
[25] EN  
[54] **INTERNET AUTHENTICATION TECHNOLOGY**  
[54] **TECHNOLOGIE D'AUTHENTIFICATION POUR INTERNET**  
[72] JOHNSON, HAROLD J., CA  
[72] CHOW, STANLEY T., CA  
[72] GU, YUAN, CA  
[71] CLOAKWARE CORPORATION, CA  
[85] 2001-02-14  
[86] 1999-07-14 (PCT/CA99/00633)  
[87] 2000-02-24 (WO00/10286)  
[30] US (09/134,731) 1998-08-14

[21] **2,340,744**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68**  
[25] EN  
[54] **COMPOSITONS, KITS, AND METHODS FOR HYDRODYNAMIC STRESS-RELATED REGULATION OF GENE EXPRESSION**  
[54] **COMPOSTIONS, KITS ET PROCEDES POUR LA REGULATION DE L'EXPRESSION GENIQUE LIEE AUX CONTRAINTES HYDRODYNAMIQUES**  
[72] POLACEK, DENISE C., US  
[72] DAVIES, PETER F., US  
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US  
[85] 2001-02-14  
[86] 1999-08-13 (PCT/US99/18014)  
[87] 2000-02-24 (WO00/09750)  
[30] US (60/096,624) 1998-08-14

[21] **2,340,745**  
[13] A1

[51] **Int.Cl. 7C07D 211/60 7C07D 401/12 7A61K 31/445**  
[25] EN  
[54] **AZEPINYLAND LINEAR COMPOUNDS AND THEIR USE FOR VISION AND MEMORY DISORDERS**  
[54] **COMPOSES LINEAIRE D'AZEPINYLANDE ET LEUR UTILISATION POUR DES TROUBLES DE LA VISION ET DE LA MEMOIRE**  
[72] SAUER, HANSJORG, US  
[72] HAMILTON, GREGORY S., US  
[72] STEINER, JOSEPH P., US  
[72] ROSS, DOUGLAS T., US  
[71] GPI NIL HOLDINGS, INC., US  
[85] 2001-02-14  
[86] 1999-08-12 (PCT/US99/18235)  
[87] 2000-02-24 (WO00/09484)  
[30] US (09/134,418) 1998-08-14

[21] **2,340,749**  
[13] A1

[51] **Int.Cl. 6A61N 5/02**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PROVIDING LOCALIZED HEATING OF THE PREOPTIC ANTERIOR HYPOTHALAMUS**  
[54] **PROCEDE ET APPAREIL SERVANT A ASSURER UN CHAUFFAGE LOCALISE DE L'HYPOTHALAMUS ANTERIEUR PREOPTIQUE**  
[72] CARSON, GARY ALLEN, US  
[71] MEDIVANCE INC., US  
[85] 2001-02-16  
[86] 1999-09-09 (PCT/US99/20653)  
[87] 2000-03-23 (WO00/15297)  
[30] US (60/099,965) 1998-09-11

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[21] **2,340,751**  
[13] A1  
[51] **Int.Cl. 7C01G 19/00 7H01B 1/08 7C01B 13/14 7H01L 31/18 7C03C 17/25**  
[25] EN  
[54] **COMPOSITIONS FOR FORMING TRANSPARENT CONDUCTIVE NANOPARTICLE COATINGS AND PROCESS OF PREPARATION THEREFOR**  
[54] **COMPOSITIONS DE FORMATION DE REVETEMENTS CONDUCTEURS TRANSPARENTS A NANOPARTICULES ET LEUR PROCEDE DE PREPARATION**  
[72] BROTZMAN, RICHARD W., JR., US  
[72] HELVOIGT, SARA, US  
[72] AIKENS, JOHN H., US  
[72] SARKAS, HARRY W., US  
[71] NANOPHASE TECHNOLOGIES CORPORATION, US  
[85] 2001-02-16  
[86] 1999-08-16 (PCT/US99/18677)  
[87] 2000-02-24 (WO00/09446)  
[30] US (60/096,829) 1998-08-17  
[30] US (09/374,751) 1999-08-13

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[21] **2,340,752**  
[13] A1  
[51] **Int.Cl. 7H04Q 7/38 7H04Q 3/00**  
[25] EN  
[54] **SYSTEM AND METHOD FOR DIALING ABBREVIATED NUMBERS FOR A ROAMING SUBSCRIBER**  
[54] **SYSTEME ET PROCEDE DE COMPOSITION DE NUMEROS ABREGES POUR ABONNE ITINERANT**  
[72] GAUTHIER, LYSANNE, CA  
[72] GELIBET, CHARLES, CA  
[72] CONTE, GIUSEPPE, CA  
[72] GANTOUS, PAUL, CA  
[72] THIBERT, MYRIAM, CA  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-02-16  
[86] 1999-09-08 (PCT/SE99/01563)  
[87] 2000-03-16 (WO00/14992)  
[30] US (60/099,645) 1998-09-09  
[30] US (09/303,026) 1999-04-30

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[21] **2,340,753**  
[13] A1  
[51] **Int.Cl. 7H04L 12/56 7H04L 12/24**  
[25] EN  
[54] **ROUTE MONITORING GRAPHICAL USER INTERFACE, SYSTEM AND METHOD**  
[54] **INTERFACE UTILISATEUR GRAPHIQUE DE SUIVI DE VOIE D'ACHEMINEMENT, SYSTEME ET PROCEDE**  
[72] FRANKO, LARRY A., CA  
[72] ROCHFORD, SUZANNE L., CA  
[72] WILLE, ALLAN, CA  
[71] NORTEL NETWORKS LIMITED, CA  
[85] 2001-02-16  
[86] 2000-05-18 (PCT/CA00/00590)  
[87] 2001-01-11 (WO01/03378)  
[30] US (09/345,472) 1999-06-30

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[21] **2,340,754**  
[13] A1  
[51] **Int.Cl. 7E01H 1/05**  
[25] EN  
[54] **SWEEPING UNIT**  
[54] **UNITE DE NETTOYAGE**  
[72] TUSKAN, JANKO, DE  
[72] ROSA, CLEMENS, DE  
[72] RUUSKA, MAUNO OLAVI, FI  
[71] PATRIA VAMMAS OY, FI  
[71] SCHMIDT HOLDING GMBH, DE  
[85] 2001-02-16  
[86] 2000-06-15 (PCT/EP00/05486)  
[87] 2000-12-28 (WO00/79058)  
[30] DE (199 27 592.0) 1999-06-17

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[21] **2,340,756**  
[13] A1  
[51] **Int.Cl. 7B65D 5/46**  
[25] EN  
[54] **CARTON WITH REINFORCED HANDLE STRUCTURE**  
[54] **CARTON A STRUCTURE DE POIGNEE RENFORCEE**  
[72] HOLLEY, JOHN M., JR., US  
[72] OLIFF, JAMES, US  
[72] BATES, AARON, US  
[71] THE MEAD CORPORATION, US  
[85] 2001-02-16  
[86] 2000-06-15 (PCT/US00/16505)  
[87] 2000-12-28 (WO00/78618)  
[30] US (09/336,502) 1999-06-18  
[30] US (09/382,428) 1999-08-24  
[30] US (09/568,231) 2000-05-05

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[21] **2,340,757**  
[13] A1  
[51] **Int.Cl. 7A61K 9/127 7A61K 31/198 7A61K 31/355**  
[25] EN  
[54] **DELIVERY OF LIPOSOMAL-ENCAPSULATED ANTIOXIDANTS AND APPLICATIONS THEREOF**  
[54] **ADMINISTRATION D'ANTIOXYDANTS LIPOSOMAUX ENCAPSULES ET LEURS APPLICATIONS**  
[72] SUNTRES, ZACHARIAS E., CA  
[72] SHEK, PANG N., CA  
[72] ROTSTEIN, ORI D., CA  
[72] FAN, JIE, CA  
[71] HER MAJESTY THE QUEEN AS REPRESENTED BY THE MINISTER OF NATIONAL DEFENCE, CA  
[85] 2001-02-16  
[86] 2000-07-07 (PCT/CA00/00806)  
[87] 2001-01-18 (WO01/03669)  
[30] US (60/142,545) 1999-07-07

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[21] **2,340,758**  
[13] A1  
[51] **Int.Cl. 7F27B 9/26 7F27D 23/00 7F27D 3/12 7C23C 14/56**  
[25] EN  
[54] **CONTINUOUS PUSHER FURNACE HAVING TRAVELING GAS BARRIER**  
[54] **FOUR A POUSSOIR CONTINU DOTE D'UNE BARRIERE AUX GAZ MOBILE**  
[72] ORBECK, GARY, US  
[72] THAYER, JOHN, US  
[71] BTU INTERNATIONAL, INC., US  
[85] 2001-02-16  
[86] 2000-06-09 (PCT/US00/16005)  
[87] 2000-12-28 (WO00/79197)  
[30] US (60/139,612) 1999-06-17  
[30] US (09/438,073) 1999-11-10

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<p style="text-align: right;">[21] <b>2,340,759</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08J 7/06 7B32B 33/00</b> [25] EN [54] <b>PROCESS FOR APPLYING POLYSILICATE BARRIER COATINGS UPON POLYOLEFIN OBJECTS AND THE ARTICLES PRODUCED THEREBY</b> [54] <b>PROCEDE D'APPLICATION DE REVETEMENTS EN POLYSILICATE FORMANT BARRIERE SUR DES OBJETS EN POLYOLEFINE ET ARTICLES AINSI PRODUITS</b> [72] PRASAD, RAVI, US [71] HOECHST TRESPAPHAN GMBH, DE [85] 2001-02-16 [86] 1999-08-13 (PCT/EP99/05943) [87] 2000-02-24 (WO00/09596) [30] US (09/135,228) 1998-08-17</p>	<p style="text-align: right;">[21] <b>2,340,763</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 3/033</b> [25] EN [54] <b>METHOD AND APPARATUS FOR DISPLAYING AND NAVIGATING CONTAINMENT HIERARCHIES</b> [54] <b>PROCEDE ET APPAREIL PERMETTANT D'AFFICHER DES HIERARCHIES DE CONTENANCES ET DE NAVIGUER DANS CELLES-CI</b> [72] ROCHFORD, SUZANNE L., CA [72] WILLE, ALLAN, CA [71] NORTEL NETWORKS LIMITED, CA [85] 2001-02-16 [86] 2000-05-19 (PCT/CA00/00596) [87] 2000-12-28 (WO00/79374) [30] US (09/337,536) 1999-06-22</p>	<p style="text-align: right;">[21] <b>2,340,770</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E01H 4/02</b> [25] EN [54] <b>PLANING DEVICE MOUNTED ON MACHINES FOR PROCESSING ICE</b> [54] <b>DISPOSITIF A RABOTER PLACE SUR DES MACHINES DE TRAITEMENT DE LA GLACE</b> [72] HOFFMANN, HEINZ, DE [71] TORONTO GMBH, DE [85] 2001-02-15 [86] 2000-06-19 (PCT/DE00/01931) [87] 2000-12-28 (WO00/79060) [30] DE (199 27 811.3) 1999-06-18</p>
<p style="text-align: right;">[21] <b>2,340,761</b> [13] A1</p> <p>[51] <b>Int.Cl. 7D06N 7/00 7C08K 13/02</b> [25] EN [54] <b>SPILL RESISTANT CARPET BACKING</b> [54] <b>DOSSIER DE TAPIS ANTI-DEVERSEMENT</b> [72] JENKINES, RANDALL C., US [72] SUAREZ, RHONDA R., US [72] TABOR, RICK L., US [71] THE DOW CHEMICAL COMPANY, US [85] 2001-02-16 [86] 1999-08-17 (PCT/US99/18672) [87] 2000-02-24 (WO00/09798) [30] US (60/096,777) 1998-08-17</p>	<p style="text-align: right;">[21] <b>2,340,764</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A01G 1/04 7C05F 11/00 7C05D 3/02</b> [25] EN [54] <b>MUSHROOM CASING SPAWN</b> [54] <b>BLANC DE CHAMPIGNON A TERRE DE GOBETAGE</b> [72] MCDANIEL, JACK A., US [72] LAPOLT, DENA L., US [72] KANANEN, DAVID L., US [71] MONEY'S MUSHROOMS, LTD., CA [85] 2001-02-16 [86] 1999-08-06 (PCT/US99/17831) [87] 2000-02-24 (WO00/08916) [30] US (09/134,939) 1998-08-17</p>	<p style="text-align: right;">[21] <b>2,340,771</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F24F 5/00 7F04B 7/00 7F04B 39/00 7F25B 29/00 7F04C 18/02 7F16C 11/06 7F04C 18/10 7F04B 37/14 7F16M 11/14 7B01D 53/26 7F04C 18/344 7F16C 33/74</b> [25] EN [54] <b>VAPOR-COMPRESSION EVAPORATIVE AIR CONDITIONING SYSTEM</b> [54] <b>SYSTEME DE CONDITIONNEMENT D'AIR A EVAPORATEUR A COMPRESSION DE VAPEUR</b> [72] HOLTZAPPLE, MARK T., US [72] DAVISON, RICHARD, US [72] RABROKER, G. ANDREW, US [71] THE TEXAS A &amp; M UNIVERSITY SYSTEM, US [85] 2001-02-15 [86] 1999-07-27 (PCT/US99/16882) [87] 2000-02-10 (WO00/06955) [30] US (09/126,325) 1998-07-31</p>
<p style="text-align: right;">[21] <b>2,340,762</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01J 65/04</b> [25] EN [54] <b>COLOR DISPLAY HAVING SEQUENTIAL PRIMARY COLOR GENERATION</b> [54] <b>SYSTEME D'AFFICHAGE EN COULEUR A PRODUCTION SEQUENTIELLE DE COULEURS PRIMAIRES</b> [72] SEIBOLD, MICHAEL, DE [72] CUSTODIS, UDO, DE [72] LECHER, REINHARD, DE [71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH, DE [85] 2001-02-16 [86] 2000-06-05 (PCT/DE00/01823) [87] 2000-12-28 (WO00/79334) [30] DE (199 27 791.5) 1999-06-18</p>	<p style="text-align: right;">[21] <b>2,340,768</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E01C 5/06</b> [25] EN [54] <b>PAVING STONE</b> [54] <b>PIERRE A PAVE</b> [72] SCHEIWILLER, ROLF, CH [71] SCHEIWILLER, ROLF, CH [85] 2001-02-16 [86] 1999-08-12 (PCT/EP99/05874) [87] 2000-02-24 (WO00/09808) [30] DE (198 37 165.9) 1998-08-17 [30] DE (199 17 113.0) 1999-04-15</p>	<p style="text-align: right;">[21] <b>2,340,772</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01H 85/02 7H01F 27/40</b> [25] EN [54] <b>HIGH-VOLTAGE FUSE AND POWER DISTRIBUTION NETWORK</b> [54] <b>FUSIBLE POUR COURANT DE HAUTE INTENSITE ET RESEAU DE DISTRIBUTION DE COURANT</b> [72] WIDMER, HANSPETER, CH [72] BITTER, LUDGER, DE [72] HANSEN, RALF, DE [71] ASCOM POWERLINE COMMUNICATIONS AG, CH [85] 2001-02-15 [86] 1999-09-23 (PCT/CH99/00454) [87] 2000-04-06 (WO00/19475) [30] EP (98810964.1) 1998-09-24</p>

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[21] **2,340,773**  
[13] A1

[51] **Int.Cl. 7C08F 210/10 7C08F 212/34**  
[25] EN  
[54] **RANDOM ISOMONOOLEFIN/  
ALLYL STYRENE COPOLYMERS AND  
FUNCTIONALIZED DERIVATIVES  
THEREOF**  
[54] **COPOLYMERES  
D'ISOMONOOLEFINE/STYRENE  
D'ALLYLE ALEATOIRES ET DERIVES  
FONCTIONNALISES DE CEUX-CI**  
[72] SHAFFER, TIMOTHY D., US  
[72] CHUNG, DAVID YEN-LUNG, US  
[71] EXXON CHEMICAL PATENTS INC.,  
US  
[85] 2001-02-15  
[86] 1999-06-16 (PCT/US99/13574)  
[87] 2000-04-13 (WO00/20474)  
[30] US (09/167,787) 1998-10-07

[21] **2,340,774**  
[13] A1

[51] **Int.Cl. 7C10G 45/58**  
[25] EN  
[54] **PRODUCTION ON SYNTHETIC  
LUBRICANT AND LUBRICANT BASE  
STOCK WITHOUT DEWAXING**  
[54] **PRODUCTION DE LUBRIFIANT  
SYNTHETIQUE ET DE MATIERE DE  
BASE POUR LUBRIFIANT SANS  
DEPARAFFINAGE**  
[72] WITTENBRINK, ROBERT JAY, US  
[72] RYAN, DANIEL FRANCIS, US  
[72] BOATE, DOUGLAS RAYMOND, US  
[71] EXXON RESEARCH AND  
ENGINEERING COMPANY, US  
[85] 2001-02-15  
[86] 1999-08-24 (PCT/US99/18947)  
[87] 2000-03-16 (WO00/14183)  
[30] US (09/148,282) 1998-09-04

[21] **2,340,775**  
[13] A1

[51] **Int.Cl. 7H01F 38/00**  
[25] EN  
[54] **DUAL-RATED CURRENT  
TRANSFORMER CIRCUIT**  
[54] **CIRCUIT DE TRANSFORMATION  
DE COURANT A DEUX DEBITS**  
[72] DEPUY, ROBERT P., US  
[71] GENERAL ELECTRIC COMPANY,  
US  
[85] 2001-02-15  
[86] 2000-06-29 (PCT/US00/17809)  
[87] 2001-01-04 (WO01/01426)  
[30] US (09/343,456) 1999-06-30

[21] **2,340,776**  
[13] A1

[51] **Int.Cl. 7C22C 1/00 7C01B 3/00 7B01J  
20/02 7H01M 8/04 7C23C 14/14 7H01M 4/  
38**  
[25] EN  
[54] **HYDROGEN-OCCLUDING  
MATERIAL AND PROCESS FOR  
PRODUCING THE SAME**  
[54] **MATERIAU D'OCCLUSION  
D'HYDROGENE ET PROCEDE DE  
PRODUCTION ASSOCIE**  
[72] TAKEDA, YOSHINOBU, JP  
[72] YAMANAKA, SHOUSAU, JP  
[72] KAWABE, NOZOMU, JP  
[72] SOGABE, KOUICHI, JP  
[72] UEMURA, TAKASHI, JP  
[71] SUMITOMO ELECTRIC  
INDUSTRIES, LTD., JP  
[85] 2001-02-15  
[86] 2000-06-07 (PCT/JP00/03710)  
[87] 2001-01-25 (WO01/06024)  
[30] JP (11/203360) 1999-07-16

[21] **2,340,778**  
[13] A1

[51] **Int.Cl. 7C08B 1/00**  
[25] EN  
[54] **METHOD FOR PRODUCING A  
CELLULOSE SUSPENSION**  
[54] **PROCEDE DE PREPARATION  
D'UNE SUSPENSION DE CELLULOSE**  
[72] KAGALOWSKI, LEO, DE  
[72] KIND, UWE, DE  
[72] BLECH, MARCO, DE  
[71] ALCERU SCHWARZA GMBH, DE  
[85] 2001-02-15  
[86] 1999-08-13 (PCT/DE99/02583)  
[87] 2000-02-24 (WO00/09563)  
[30] DE (198 37 210.8) 1998-08-17

[21] **2,340,779**  
[13] A1

[51] **Int.Cl. 7A45D 29/02 7A01G 3/02  
7B26B 13/12**  
[25] EN  
[54] **CONSTRUCTIVE DISPOSITION  
INTRODUCED IN PLIERS**  
[54] **ELEMENT DE STRUCTURE POUR  
PINCES**  
[72] MERHEJE, MICHEL YAMIN, BR  
[71] MICHEL MERHEJE & CIA LTDA., BR  
[85] 2001-02-15  
[86] 2000-06-15 (PCT/BR00/00062)  
[87] 2000-12-21 (WO00/76364)  
[30] BR (MU 7901285-0) 1999-06-15

[21] **2,340,780**  
[13] A1

[51] **Int.Cl. 7G06F 1/00**  
[25] EN  
[54] **METHOD OF CREATING  
AUTHENTICATED VERIFIABLE  
REPRODUCTIONS OF ELECTRONIC  
DOCUMENTS**  
[54] **PROCEDE DE CREATION DE  
REPRODUCTIONS VERIFIABLES  
AUTHENTIFIEES DE DOCUMENTS  
ELECTRONIQUES**  
[72] PETROGIANNIS, TOMMY, CA  
[71] SILANIS TECHNOLOGY INC., CA  
[85] 2001-02-16  
[86] 1999-09-24 (PCT/CA99/00890)  
[87] 2000-04-06 (WO00/19295)  
[30] CA (2,246,049) 1998-09-25

[21] **2,340,886**  
[13] A1

[51] **Int.Cl. 7G01R 11/32**  
[25] EN  
[54] **METHODS AND APPARATUS FOR  
METERING ENERGY CONSUMPTION**  
[54] **PROCEDES ET APPAREIL DE  
MESURE DE CONSOMMATION  
D'ENERGIE**  
[72] SCHMIDT, LARRY A., US  
[72] CUMMISKEY, CAROL A., US  
[72] PLIS, MARK J., US  
[72] LAVOIE, GREGORY P., US  
[72] ELMORE, DAVID D., US  
[72] GERMER, WARREN R., US  
[72] OUELLETTE, MAURICE J., US  
[72] BALCH, RICHARD A., US  
[72] LEE, ROBERT E., JR., US  
[72] ZINKOWSKI, VIRGINIA H., US  
[71] GENERAL ELECTRIC COMPANY,  
US  
[85] 2001-02-15  
[86] 2000-06-29 (PCT/US00/18023)  
[87] 2001-01-04 (WO01/01156)  
[30] US (60/141,907) 1999-06-30

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[21] **2,340,889**  
[13] A1  
[51] **Int.Cl. 7G01D 18/00 7G06F 15/12 7H01J 40/14 7H05K 3/36**  
[25] EN  
[54] **METHODS AND APPARATUS FOR METER I/O BOARD ADDRESSING AND COMMUNICATION**  
[54] **PROCEDES ET DISPOSITIFS D'ADRESSAGE ET DE COMMUNICATION PAR CARTE D'ENTREE-SORTIE DE COMPTEUR ELECTRONIQUE**  
[72] ZINKOWSKI, VIRGINIA H., US  
[72] OUELLETTE, MAURICE J., US  
[72] GERMER, WARREN R., US  
[71] GENERAL ELECTRIC COMPANY, US  
[85] 2001-02-15  
[86] 2000-06-29 (PCT/US00/17992)  
[87] 2001-01-04 (WO01/01079)  
[30] US (60/141,600) 1999-06-30

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[21] **2,340,892**  
[13] A1  
[51] **Int.Cl. 7G06F 17/30 7H04L 12/16**  
[25] EN  
[54] **CONNECTION MANAGEMENT IN A DATA COMMUNICATIONS NETWORK**  
[54] **GESTION DE CONNEXIONS DANS UN RESEAU DE TELECOMMUNICATION DE DONNEES**  
[72] BOBERG, CHRISTER, SE  
[72] ERIKSSON, MATS, SE  
[72] EKLOF, THOMMY, SE  
[71] TELEFONAKTIEBOLAGET LM ERIKSSON, SE  
[85] 2001-02-15  
[86] 1999-08-25 (PCT/SE99/01454)  
[87] 2000-03-09 (WO00/13105)  
[30] SE (9802856-6) 1998-08-26

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[21] **2,340,893**  
[13] A1  
[51] **Int.Cl. 7H04Q 7/30 7H04Q 7/36**  
[25] EN  
[54] **ADAPTIVE DUAL-MODE TRANSCIVER CONFIGURATION**  
[54] **CONFIGURATION D'EMETTEUR-RECEPTEUR ADAPTATIF DOUBLE MODE**  
[72] CUFFARO, ANGELO, CA  
[72] DESGAGNE, MICHEL, CA  
[71] TELEFONAKTIEBOLAGET LM ERIKSSON, SE  
[85] 2001-02-15  
[86] 1999-08-06 (PCT/SE99/01347)  
[87] 2000-03-02 (WO00/11897)  
[30] US (09/138,440) 1998-08-21

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[21] **2,340,898**  
[13] A1  
[51] **Int.Cl. 7A61K 9/16 7A61K 31/495 7A61K 9/51**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR TREATING INTRACELLULAR INFECTIONS**  
[54] **TRAITEMENT D'INFECTIONS INTRACELLULAIRES ET COMPOSITIONS A CET EFFET**  
[72] WINCHESTER, GARY A., US  
[72] STAAS, JAY K., US  
[72] BARROW, ESTHER L., US  
[72] QUENELLE, DEBRA C., US  
[72] BARROW, WILLIAM W., US  
[71] SOUTHERN RESEARCH INSTITUTE, US  
[85] 2001-02-15  
[86] 1999-08-12 (PCT/US99/18308)  
[87] 2000-03-02 (WO00/10533)  
[30] US (09/135,708) 1998-08-18

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[21] **2,340,902**  
[13] A1  
[51] **Int.Cl. 7H04L 29/06 7H04L 12/28**  
[25] EN  
[54] **A METHOD AND SYSTEM FOR ELECTRONIC COMMUNICATION**  
[54] **PROCEDE ET SYSTEME DE COMMUNICATION ELECTRONIQUE**  
[72] LUDTKE, HAROLD AARON, US  
[71] SONY ELECTRONICS, INC., US  
[85] 2001-02-15  
[86] 1999-08-24 (PCT/US99/19138)  
[87] 2000-03-23 (WO00/16531)  
[30] US (09/151,373) 1998-09-10

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[21] **2,340,903**  
[13] A1  
[51] **Int.Cl. 7B60R 21/16 7B32B 5/02 7B32B 17/02 7B32B 27/30**  
[25] EN  
[54] **LOW PERMEABILITY AIRBAG CUSHIONS HAVING EXTREMELY LOW COATING LEVELS**  
[54] **COUSSIN GONFLABLE DE SECURITE A FAIBLE PERMEABILITE, DOTE D'UN REVETEMENT EN QUANTITE EXTREMEMENT FAIBLE**  
[72] LI, SHULONG, US  
[72] SOLLARS, JOHN A., JR., US  
[71] MILLIKEN & COMPANY, US  
[85] 2001-02-15  
[86] 2000-06-15 (PCT/US00/16561)  
[87] 2000-12-28 (WO00/78577)  
[30] US (09/335,257) 1999-06-17  
[30] US (09/350,620) 1999-07-09  
[30] US (09/501,467) 2000-02-09

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[21] **2,340,923**  
[13] A1  
[51] **Int.Cl. 7B01J 27/138**  
[25] EN  
[54] **THE MANUFACTURING METHOD OF CDS PHOTOCATALYST FOR HYDROGEN PRODUCTION AND METHOD FOR PRODUCING HYDROGEN BY USE OF THE SAME**  
[54] **METHODE DE PREPARATION D'UNPHOTOCATALYSEUR CDS POUR LA PRODUCTION D'HYDROGENE ET PROCEDE DE PRODUCTION D'HYDROGENE EN UTILISANT LADITE METHODE**  
[72] BAEK, JIN WOOK, KR  
[72] PARK, DAE CHUL, KR  
[71] KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY, KR  
[71] CHONGGU CO., LTD., KR  
[85] 2001-02-16  
[86] 2000-05-01 (PCT/KR00/00411)  
[87] 2000-12-28 (WO00/78450)  
[30] KR (1999/22953) 1999-06-18

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[21] **2,340,924**  
[13] A1

[51] **Int.Cl. 7G07F 19/00 7H04Q 3/00 7G07F 7/02 7H04L 29/06 7H04L 12/24**  
[25] EN  
[54] **TRANSPORTABLE LOGIC TO FACILITATE A LARGE CALLING CARD TRANSACTION NETWORK SUPPORTING DYNAMIC CHANGES**  
[54] **LOGIQUE TRANSPORTABLE POUR AIDER UN GRAND RESEAU DE TRANSACTIONS PAR CARTES D'APPEL A FAIRE FACE AUX CHANGEMENTS DYNAMIQUES**  
[72] PENFIELD, ROBERT F., US  
[72] CAPO, JOSE J., US  
[72] MELAMPY, PATRICK J., US  
[71] PRIORITY CALL MANAGEMENT, INC., US  
[85] 2001-02-16  
[86] 1999-08-16 (PCT/US99/18580)  
[87] 2000-03-02 (WO00/11627)  
[30] US (09/135,607) 1998-08-18

[21] **2,340,925**  
[13] A1

[51] **Int.Cl. 7C12N 15/60 7A01H 5/00 7C12P 5/00 7C12N 5/10 7C12P 17/18 7C12N 1/19 7C12N 1/21 7C12N 15/70 7C12N 15/82 7C12N 9/88**  
[25] EN  
[54] **TRANSGENIC AMORPHA-4,11-DIENE SYNTHESIS**  
[54] **SYNTHESE TRANSGENIQUE D'AMORPHA-4,11-DIENE**  
[72] WALLAART, THORVALD EELCO, NL  
[72] BOUWMEESTER, HENDRIK JAN, NL  
[71] GENOCLIPP BIOTECHNOLOGY B.V., NL  
[85] 2001-02-26  
[86] 1999-08-27 (PCT/EP99/06302)  
[87] 2000-03-09 (WO00/12725)  
[30] EP (98202854.0) 1998-08-27

[21] **2,340,927**  
[13] A1

[51] **Int.Cl. 6B32B 9/04 6A01N 59/14**  
[25] EN  
[54] **METHOD FOR TREATING CALCIUM BORATE ORES TO OBTAIN USEFUL BORON COMPOUNDS**  
[54] **OBTENTION DE COMPOSES BORES UTILES PAR TRAITEMENT DE MINERAIS DE BORATE DE CALCIUM**  
[72] BOSSERMAN, THOMAS L., US  
[71] SPECIALTY BORON PRODUCTS, LLC, US  
[85] 2001-02-16  
[86] 1999-08-13 (PCT/US99/18317)  
[87] 2000-02-24 (WO00/09326)  
[30] US (60/096,764) 1998-08-17

[21] **2,340,932**  
[13] A1

[51] **Int.Cl. 7B23K 9/04 7F01D 5/00 7B23P 6/00**  
[25] EN  
[54] **TURBINE ROTOR MODERNIZATION AND REPAIR METHOD**  
[54] **PROCEDE DE MODERNISATION ET DE REPARATION DE ROTOR**  
[72] AMOS, DENNIS RAY, US  
[72] BEEDON, KENT WIXON, US  
[71] SIEMENS WESTINGHOUSE POWER CORPORATION, US  
[85] 2001-02-16  
[86] 1999-08-18 (PCT/US99/18916)  
[87] 2000-03-02 (WO00/10765)  
[30] US (09/136,848) 1998-08-19

[21] **2,340,933**  
[13] A1

[51] **Int.Cl. 7G06T 15/20**  
[25] EN  
[54] **METHOD AND APPARATUS FOR RENDERING IMAGE**  
[54] **PROCEDE ET APPAREIL DE RENDU D'IMAGES**  
[72] AOKI, SACHIYO, JP  
[71] SONY COMPUTER ENTERTAINMENT INC., JP  
[85] 2001-02-16  
[86] 2000-06-15 (PCT/JP00/03916)  
[87] 2000-12-28 (WO00/79486)  
[30] JP (11/172859) 1999-06-18

[21] **2,340,939**  
[13] A1

[51] **Int.Cl. 7B60R 21/16 7B29D 22/00**  
[25] EN  
[54] **LOW PERMEABILITY AIRBAG CUSHIONS HAVING FILM COATINGS OF EXTREMELY LOW THICKNESS**  
[54] **COUSSINS GONFLABLES A FAIBLE PERMEABILITE REVETUS D'UN TISSU D'UNE EXTREME FINESSE**  
[72] LI, SHULONG, US  
[71] MILLIKEN & COMPANY, US  
[85] 2001-02-16  
[86] 2000-06-15 (PCT/US00/16566)  
[87] 2000-12-28 (WO00/78578)  
[30] US (09/335,257) 1999-06-17  
[30] US (09/350,620) 1999-07-17  
[30] US (09/501,467) 2000-02-09  
[30] US (09/557,643) 2000-04-25

[21] **2,340,940**  
[13] A1

[51] **Int.Cl. 7D06N 3/18 7D03D 1/02**  
[25] EN  
[54] **TWO-LAYER COATING SYSTEM FOR AIRBAG FABRICS**  
[54] **SYSTEME DE REVETEMENT A DEUX COUCHES, DESTINE A DES TISSUS POUR AIRBAGS**  
[72] LI, SHULONG, US  
[71] MILLIKEN & COMPANY, US  
[85] 2001-02-16  
[86] 2000-06-15 (PCT/US00/16565)  
[87] 2000-12-28 (WO00/78895)  
[30] US (09/335,257) 1999-06-17  
[30] US (09/350,620) 1999-07-07  
[30] US (09/501,035) 2000-02-09

[21] **2,340,984**  
[13] A1

[51] **Int.Cl. 7F21V 8/00**  
[25] EN  
[54] **LIGHT WITH A LIGHT-GUIDING ELEMENT**  
[54] **LAMPE DOTEE D'UN GUIDE DE LUMIERE**  
[72] FROIS, BEATRIX, AT  
[72] BOHLE, MARKUS, AT  
[71] ZUMTOBEL STAFF GMBH, AT  
[85] 2001-02-16  
[86] 1999-08-19 (PCT/EP99/06084)  
[87] 2000-03-02 (WO00/11399)  
[30] DE (198 38 388.6) 1998-08-24  
[30] DE (198 53 956.8) 1998-11-23  
[30] DE (299 03 847.5) 1999-03-03



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[21] **2,340,987**  
[13] A1  
[51] **Int.Cl. 7G02B 6/42**  
[25] EN  
[54] **A METALLIC BUILDING ELEMENT FOR OPTOELECTRONICS**  
[54] **ELEMENT DE CONSTRUCTION METALLIQUE POUR L'OPTOELECTRONIQUE**  
[72] LARSSON, OLLE, SE  
[72] BLOM, CLAES, SE  
[72] VIEIDER, CHRISTIAN, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-02-16  
[86] 1999-08-18 (PCT/SE99/01395)  
[87] 2000-03-02 (WO00/11628)  
[30] SE (9802751-9) 1998-08-18

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[21] **2,340,989**  
[13] A1  
[51] **Int.Cl. 7H04B 7/005**  
[25] EN  
[54] **AUTOMATIC POWER CONTROL IN UNCOORDINATED FREQUENCY-HOPPING RADIO SYSTEMS**  
[54] **COMMANDE DE PUISSANCE AUTOMATIQUE POUR SYSTEMES DE RADIOCOMMUNICATION A SAUTS DE FREQUENCE NON COORDONNES**  
[72] MATTISSON, SVEN, SE  
[72] HAARTSEN, JAAP, NL  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-02-16  
[86] 1999-09-14 (PCT/SE99/01607)  
[87] 2000-03-30 (WO00/18033)  
[30] US (09/156,695) 1998-09-18

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[21] **2,340,990**  
[13] A1  
[51] **Int.Cl. 7C07D 221/16 7C07D 405/04 7C07D 221/18 7A61K 31/435**  
[25] EN  
[54] **AMINOALKYL-3,4-DIHYDROQUINOLINE DERIVATES AS NO-SYNTASE INHIBITORS**  
[54] **DERIVES D'AMINOALKYL-3,4-DIHYDROQUINOLEINE EN TANT QU'INHIBITEURS DE NO SYNTHASE**  
[72] BURTON, GERARDINE ANNE, DE  
[72] HILLMANN, MARGRIT, DE  
[72] SULZLE, DETLEV, DE  
[72] HOLSCHER, PETER, DE  
[72] REHWINKEL, HARTMUT, DE  
[72] JAROCH, STEFAN, DE  
[72] MCDONALD, FIONA MCDUGALL, DE  
[71] SCHERING AKTIENGESELLSCHAFT, DE  
[85] 2001-02-19  
[86] 1999-09-20 (PCT/EP99/07091)  
[87] 2000-03-30 (WO00/17167)  
[30] DE (198 45 830.4) 1998-09-24

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[21] **2,341,060**  
[13] A1  
[51] **Int.Cl. 7E21B 23/01 7E21B 49/10**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ANCHORING A TOOL WITHIN A CASED BOREHOLE**  
[54] **METHODE ET DISPOSITIF D'ANCRAGE D'OUTILS DANS UN TROU FORE CHEMISE**  
[72] HINTON, MARK, US  
[72] FLORES, AARON G., US  
[72] FLORES, MARIO J., US  
[72] RATCLIFF, JOHN C., US  
[71] GAS RESEARCH INSTITUTE, US  
[85] 2001-02-09  
[86] 1999-07-23 (PCT/US99/16660)  
[87] 2000-02-24 (WO00/09854)  
[30] US (09/132,917) 1998-08-12

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[21] **2,341,226**  
[13] A1  
[51] **Int.Cl. 7G01D 1/18 7G06F 19/00**  
[25] EN  
[54] **METHODS AND APPARATUS FOR INTERPRETING MEASURED LABORATORY DATA**  
[54] **PROCEDES ET APPAREIL PERMETTANT D'INTERPRETER DES DONNEES MESUREES EN LABORATOIRE**  
[72] HANCOCK, WILLIAM FRANK JR., US  
[71] HANCOCK, WILLIAM FRANK JR., US  
[85] 2001-02-20  
[86] 1999-09-01 (PCT/US99/20125)  
[87] 2000-03-09 (WO00/12968)  
[30] US (09/145,999) 1998-09-02

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[21] **2,341,227**  
[13] A1  
[51] **Int.Cl. 7C08L 67/00**  
[25] EN  
[54] **USE OF POLYESTER RESINS FOR THE PRODUCTION OF ARTICLES HAVING GOOD PROPERTIES AS BARRIERS TO WATER VAPOUR**  
[54] **UTILISATION DE RESINES DE POLYESTER POUR LA FABRICATION D'ARTICLES PRESENTANT DES CARACTERISTIQUES DE BARRIERE CONTRE LA VAPEUR D'EAU**  
[72] MILIZIA, TIZIANA, IT  
[72] FARACHI, FERNANDA, IT  
[72] FLORIDI, GIOVANNI, IT  
[72] FOA', MARCO, IT  
[72] BASTIOLI, CATIA, IT  
[72] CELLA, GIANDOMENICO, IT  
[71] MINISTERO DELL'UNIVERSITA'E DELLA RICERCA SCIENTIFICA E TECNOLOGICA, IT  
[85] 2001-02-20  
[86] 1999-08-27 (PCT/EP99/06333)  
[87] 2000-03-09 (WO00/12627)  
[30] IT (TO98A000729) 1998-08-28  
[30] IT (TO98A000907) 1998-10-26

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[21] **2,341,229**  
[13] A1

[51] **Int.Cl. 7G06F 15/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR SYNCHRONIZING THE BROADCAST CONTENT OF INTERACTIVE INTERNET-BASED PROGRAMS**  
[54] **PROCEDE ET APPAREIL DE SYNCHRONISATION DU CONTENU DIFFUSE DE PROGRAMMES INTERACTIFS DE TYPE INTERNET**  
[72] BYRD, KELLY, US  
[72] BARNERT, ANDREW, US  
[71] ROTOR COMMUNICATIONS CORPORATION, US  
[85] 2001-02-20  
[86] 2000-05-19 (PCT/US00/13750)  
[87] 2000-11-30 (WO00/72164)  
[30] US (09/315,889) 1999-05-20

[21] **2,341,234**  
[13] A1

[51] **Int.Cl. 6C07D 305/14 6A61K 31/335**  
[25] EN  
[54] **WATER SOLUBLE ANALOGS AND PRODRUGS OF PACLITAXEL**  
[54] **ANALOGUES ET PROMEDICAMENTS HYDROSOLUBLES DE PACLITAXEL**  
[72] SPERLING, DUNCAN, NL  
[72] SCHEEREN, JOHAN WILHELM, NL  
[72] DAMEN, ERIC WILHELMUS PETRUS, NL  
[72] BRAAMER, LESLY, NL  
[72] DE VOS, DICK, NL  
[72] WIEGERINCK, PETER HERMANUS GERARDUS, NL  
[71] PHARMACHEMIE B.V., NL  
[85] 2001-02-20  
[86] 1998-08-21 (PCT/NL98/00473)  
[87] 2000-03-02 (WO00/10988)

[21] **2,341,248**  
[13] A1

[51] **Int.Cl. 7H04N 5/00 7H04N 7/24 7H04N 7/52**  
[25] EN  
[54] **APPLICATION DATA TABLE FOR A MULTISERVICE DIGITAL TRANSMISSION SYSTEM**  
[54] **TABLE DE DONNEES D'APPLICATION POUR UN SYSTEME DE TRANSMISSION NUMERIQUE MULTISERVICE**  
[72] FURET, THIERRY, FR  
[72] POULAIN, PHILIPPE, FR  
[72] REY, FRANCOIS, FR  
[71] CANAL + SOCIETE ANONYME, FR  
[85] 2001-02-20  
[86] 1999-09-24 (PCT/IB99/01637)  
[87] 2000-04-06 (WO00/19708)  
[30] EP (98402375.4) 1998-09-25

[21] **2,341,231**  
[13] A1

[51] **Int.Cl. 7G01N 15/14**  
[25] EN  
[54] **INSTRUMENT FOR SELECTING AND DEPOSITING MULTICELLULAR ORGANISMS AND OTHER LARGE OBJECTS**  
[54] **INSTRUMENTS DE SELECTION ET DE DEPOT D'ORGANISMES MULTICELLULAIRES ET D'AUTRES OBJETS DE GRANDE TAILLE**  
[72] HANSEN, W. PETER, US  
[71] UNION BIOMETRICA, INC., US  
[85] 2001-02-20  
[86] 1999-08-20 (PCT/US99/19035)  
[87] 2000-03-02 (WO00/11449)  
[30] US (60/097,505) 1998-08-21  
[30] US (60/111,723) 1998-12-10

[21] **2,341,235**  
[13] A1

[51] **Int.Cl. 6A61N 5/00**  
[25] EN  
[54] **CONFORMAL PATCH FOR ADMINISTERING LIGHT THERAPY TO SUBCUTANEOUS TUMORS**  
[54] **TIMBRE CONFORME POUR PHOTOTHERAPIE DE TUMEURS SOUS-CUTANEEES**  
[72] CHEN, JAMES C., US  
[72] WISCOMBE, BRENT, US  
[71] LIGHT SCIENCES CORPORATION, US  
[85] 2001-02-20  
[86] 1999-08-20 (PCT/US99/19015)  
[87] 2000-03-23 (WO00/15296)  
[30] US (09/151,844) 1998-09-11

[21] **2,341,249**  
[13] A1

[51] **Int.Cl. 7A01N 37/46**  
[25] EN  
[54] **FUNGICIDAL MIXTURES COMPRISING R-METALAXYL**  
[54] **COMPOSITIONS FONGICIDES AU R-METALAXYLE**  
[72] NUNINGER, COSIMA, FR  
[72] WEISS, MARTIN, CH  
[72] LEADBEATER, ANDREW JOHN, CH  
[71] SYNGENTA PARTICIPATIONS AG, CH  
[85] 2001-02-20  
[86] 1999-09-02 (PCT/EP99/06460)  
[87] 2000-03-16 (WO00/13505)  
[30] GB (9819317.0) 1998-09-04

[21] **2,341,233**  
[13] A1

[51] **Int.Cl. 7C25C 3/12**  
[25] EN  
[54] **MULTI-LAYER NON-CARBON METAL-BASED ANODES FOR ALUMINIUM PRODUCTION CELLS**  
[54] **ANODES MULTICOUCHES NON CARBONEES A BASE DE METAL POUR CELLULES DE PRODUCTION D'ALUMINIUM**  
[72] DURUZ, JEAN-JACQUES, CH  
[72] DE NORA, VITTORIO, BS  
[71] MOLTECH INVENT S.A., LU  
[85] 2001-02-20  
[86] 1999-07-30 (PCT/IB99/01357)  
[87] 2000-02-10 (WO00/06800)  
[30] US (09/126,206) 1998-07-30  
[30] US (09/126,839) 1998-07-30

[21] **2,341,247**  
[13] A1

[51] **Int.Cl. 7F42C 15/40**  
[25] EN  
[54] **AMMUNITION SAFETY AND ARMING UNIT**  
[54] **UNITE DE SECURITE ET D'ARMEMENT POUR MUNITIONS**  
[72] HICKEY, DENNIS, JAMES, GB  
[72] RAWCLIFFE, JOHN, GEOFFREY, GB  
[71] ROYAL ORDNANCE PLC, GB  
[85] 2001-02-20  
[86] 1999-08-24 (PCT/GB99/02799)  
[87] 2000-03-09 (WO00/12953)  
[30] GB (9818673.7) 1998-08-28

[21] **2,341,250**  
[13] A1

[51] **Int.Cl. 7H04L 12/28 7H04L 12/56**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MULTIPLE ACCESS IN A COMMUNICATION SYSTEM**  
[54] **PROCEDE ET APPAREIL D'ACCES MULTIPLE DANS UN SYSTEME DE COMMUNICATION**  
[72] BECKER, DONALD, US  
[72] CARNEAL, BRUCE, L., US  
[72] MOERDER, KARL, E., US  
[71] TACHYON, INC., US  
[85] 2001-02-20  
[86] 1999-07-20 (PCT/US99/16387)  
[87] 2000-02-03 (WO00/05904)  
[30] US (60/093,622) 1998-07-21  
[30] US (09/330,102) 1999-06-10  
[30] US (09/347,879) 1999-07-06

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<p style="text-align: right;">[21] <b>2,341,252</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B22D 37/00</b> [25] EN [54] <b>POSITIONING APPARATUS AND METHOD FOR PRECISION POURING OF A LIQUID FROM A VESSEL</b> [54] <b>APPAREIL DE POSITIONNEMENT ET PROCEDE PERMETTANT DE VERSER AVEC PRECISION UN LIQUIDE AU MOYEN D'UN RESERVOIR</b> [72] KEOUGH, GRAHAM A., US [71] CONSARC CORPORATION, US [85] 2001-02-20 [86] 2000-06-12 (PCT/US00/16071) [87] 2000-12-28 (WO00/78481) [30] US (09/337,058) 1999-06-21</p>	<p style="text-align: right;">[21] <b>2,341,267</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04N 5/913</b> [25] EN [54] <b>METHOD AND APPARATUS TO SYNTHESIZE AND DEFEAT VIDEO COPY PROTECTION SIGNALS</b> [54] <b>PROCEDE ET APPAREIL SERVANT POUR SYNTHETISER ET RENDRE INOPERANTS LES SIGNAUX DE PROTECTION ANTIPIRATAGE VIDEO</b> [72] BRILL, GEROW D., US [72] QUAN, RONALD, US [71] MACROVISION CORPORATION, US [85] 2001-02-19 [86] 1999-09-01 (PCT/US99/20010) [87] 2000-03-09 (WO00/13413) [30] US (60/098,804) 1998-09-02</p>	<p style="text-align: right;">[21] <b>2,341,475</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 25/22 6G02F 1/13 6C07C 43/225 6C07C 25/24 6C09K 19/32 6C09K 19/34 6C07C 39/38 6C07C 255/49 6C07C 49/693 6C07D 317/72</b> [25] EN [54] <b>DECAHYDRONAPHTHALENE DERIVATIVE</b> [54] <b>DERIVES DE DECAHYDRONAPHTHALENE</b> [72] TAKATSU, HARUYOSHI, JP [72] TAKEHARA, SADAQ, JP [72] NEGISHI, MAKOTO, JP [72] PITHART, CORNELIA, DE [72] FUGGER, CHRISTINE, DE [72] FRINGS, RAINER BRUNO, DE [72] GRAHE, GERWALD, DE [72] NAGASHIMA, YUTAKA, JP [72] OGAWA, SHINJI, JP [72] OHNISHI, HIROYUKI, JP [71] DAINIPPON INK AND CHEMICALS, INC., JP [85] 2001-02-23 [86] 1999-08-23 (PCT/JP99/04511) [87] 2000-03-02 (WO00/10952) [30] JP (10/237187) 1998-08-24 [30] JP (11/29015) 1999-02-05</p>
<p style="text-align: right;">[21] <b>2,341,255</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04R 25/00</b> [25] EN [54] <b>HEARING AID WITH BEAM FORMING PROPERTIES</b> [54] <b>PROTHESE AUDITIVE DOTEE DE PROPRIETES DE FORMATION DE FAISCEAUX</b> [72] LUDVIGSEN, CARL, DK [72] ANDERSEN, HENNING HOUGAARD, DK [71] TOPHOLM &amp; WESTERMANN APS, DK [85] 2001-02-20 [86] 1999-02-05 (PCT/EP99/00767) [87] 2000-08-10 (WO00/47015)</p>	<p style="text-align: right;">[21] <b>2,341,268</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/31 7C12P 19/04 7A61K 39/09 7C12N 9/10 7C12Q 1/14 7C12N 1/21 7C07K 14/315 7C12N 15/54 7G01N 33/569 7C12Q 1/68</b> [25] EN [54] <b>STREPTOCOCCUS SUIS VACCINES AND DIAGNOSTIC TESTS</b> [54] <b>VACCINS CONTRE LE STREPTOCOCCUS SUIS ET TESTS DIAGNOSTIQUES</b> [72] SMITH, HILDA ELIZABETH, NL [71] ID-LELYSTAD, INSTITUUT VOOR DIERHOUDERIJ EN DIERGEZONDHEID B.V., NL [85] 2001-01-19 [86] 1999-07-19 (PCT/NL99/00460) [87] 2000-02-03 (WO00/05378) [30] EP (98202465.5) 1998-07-22 [30] EP (98202467.1) 1998-07-22</p>	<p style="text-align: right;">[21] <b>2,341,482</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04L 1/24 7H04L 7/04</b> [25] EN [54] <b>TRANSMITTER, RECEIVER AND METHOD IN A TELECOMMUNICATION SYSTEM FOR GENERATING PN SEQUENCES FOR A PLURALITY OF USER CHANNELS</b> [54] <b>EMETTEUR, RECEPTEUR, ET PROCEDE POUR GENERER DES SUITES DE PSEUDO-ALEA POUR PLUSIEURS CANAUX UTILISATEURS DANS UN SYSTEME DE TELECOMMUNICATIONS</b> [72] HUAMAN-BOLLO, GIAN, DE [72] LEUSCHNER, HELMUT, DE [72] MORSBERGER, GERD, DE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2001-02-23 [86] 1999-08-24 (PCT/EP99/06208) [87] 2000-03-09 (WO00/13365) [30] DE (198 38 782.2) 1998-08-26</p>
<p style="text-align: right;">[21] <b>2,341,266</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06K 9/00 7G06K 9/68</b> [25] EN [54] <b>CHARACTER RECOGNITION</b> [54] <b>RECONNAISSANCE DE CARACTERES</b> [72] BERTHILSSON, RIKARD, SE [72] SPARR, GUNNAR, SE [71] DECUMA AB, SE [85] 2001-02-19 [86] 1999-08-25 (PCT/SE99/01448) [87] 2000-03-09 (WO00/13131) [30] SE (9802832-7) 1998-08-26</p>	<p style="text-align: right;">[21] <b>2,341,269</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01F 3/04</b> [25] EN [54] <b>FOAM GENERATING APPARATUS</b> [54] <b>DISPOSITIF GENERATEUR DE MOUSSE</b> [72] ROWE, CARROLL G., US [71] ROWE, CARROLL G., US [85] 2001-02-19 [86] 1998-09-04 (PCT/US98/18477) [87] 2000-03-16 (WO00/13777)</p>	

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[13] A1

[51] **Int.Cl. 7C12N 9/96 7C12N 9/16 7C12N 9/98**  
[25] EN  
[54] **SOLID PHYTASE COMPOSITIONS**  
[54] **COMPOSITIONS DE PHYTASE SOLIDES**  
[72] HENRIKSEN, LOTTE RUGHOLM, DK  
[72] MARCUSSEN, ERIK, DK  
[71] NOVOZYMES A/S, DK  
[85] 2001-02-23  
[86] 1999-10-01 (PCT/DK99/00516)  
[87] 2000-04-13 (WO00/20569)  
[30] DK (PA 1998 01251) 1998-10-02

[21] **2,341,524**  
[13] A1

[51] **Int.Cl. 7C07D 487/04 7C07D 487/00**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF IMIDAZODIAZEPINE INTERMEDIATES**  
[54] **PREPARATION D'INTERMEDIAIRES D'IMIDAZODIAZEPINE**  
[72] ESSER, GRANT L., US  
[72] LABIB, PARVIS, US  
[72] DHAON, MADHUP K., US  
[72] DAVIS, DEBORAH A., US  
[71] ABBOTT LABORATORIES, US  
[85] 2001-02-23  
[86] 2000-06-15 (PCT/US00/16476)  
[87] 2001-01-04 (WO01/00625)  
[30] US (09/343,317) 1999-06-30

[21] **2,341,528**  
[13] A1

[51] **Int.Cl. 7A61B 10/00 7A61B 17/00**  
[25] EN  
[54] **SECURING SURGICAL INSTRUMENTS AT TARGET TISSUE SITES**  
[54] **FIXATION D'INSTRUMENTS CHIRURGICAUX A DES SITES TISSULAIRES VOULUS**  
[72] LUBOCK, PAUL, US  
[72] BURBANK, FRED H., US  
[72] JONES, MICHAEL L., US  
[72] QUICK, RICHARD L., US  
[71] SENORX, INC., US  
[85] 2001-02-23  
[86] 1999-08-24 (PCT/US99/19123)  
[87] 2000-03-09 (WO00/12009)  
[30] US (09/146,185) 1998-09-01

[21] **2,341,534**  
[13] A1

[51] **Int.Cl. 6E04B 5/04 6E04B 7/22**  
[25] EN  
[54] **PREFABRICATED SELF-SUPPORTING PLATE MADE OF POLYSTYRENE AND CONCRETE**  
[54] **PLAQUE PREFABRIQUEE AUTOPORTEUSE DE POLYSTYRENE**  
[72] JIMENEZ SANCHEZ, JAIME ENRIQUE, ES  
[71] JIMENEZ SANCHEZ, JAIME ENRIQUE, ES  
[85] 2001-02-23  
[86] 1999-08-23 (PCT/ES99/00273)  
[87] 2000-03-09 (WO00/12834)  
[30] ES (P 9801814) 1998-08-27

[21] **2,341,536**  
[13] A1

[51] **Int.Cl. 6A23L 1/236**  
[25] EN  
[54] **NOVEL INULIN FRACTIONS, PROCESS FOR PREPARING SAME, AND FOOD PRODUCTS CONTAINING SAID INULIN FRACTIONS**  
[54] **NOUVELLES FRACTIONS D'INULINE, LEUR PROCEDE DE PREPARATION ET PRODUITS ALIMENTAIRES CONTENANT CES FRACTIONS D'INULINE**  
[72] SILVER, BARNARD STEWART, US  
[71] SILVER, BARNARD STEWART, US  
[85] 2001-02-23  
[86] 1999-08-25 (PCT/US99/19422)  
[87] 2000-03-09 (WO00/11967)  
[30] US (60/098,195) 1998-08-27  
[30] US (60/104,091) 1998-10-13

[21] **2,341,538**  
[13] A1

[51] **Int.Cl. 7G01N 21/27 7G01N 21/05 7B01L 3/14 7G01N 21/41**  
[25] EN  
[54] **REAGENTLESS ANALYSIS OF BIOLOGICAL SAMPLES**  
[54] **ANALYSE SANS REACTIFS DE PRELEVEMENTS BIOLOGIQUES**  
[72] JENG, TZY-Y-WEN, US  
[72] McDOWELL, LARRY L., US  
[72] OOSTA, GARY M., US  
[72] PEZZANITI, JOSEPH L., US  
[72] SHAIN, ERIC B., US  
[71] ABBOTT LABORATORIES, US  
[85] 2001-02-23  
[86] 1999-08-27 (PCT/US99/19532)  
[87] 2000-03-09 (WO00/13002)  
[30] US (09/141,483) 1998-08-27

[21] **2,341,619**  
[13] A1

[51] **Int.Cl. 6G01N 33/53 6G01N 33/567**  
[25] EN  
[54] **METHODS AND MATERIALS FOR DIAGNOSING UNSTABLE ANGINA**  
[54] **METHODES ET MATIERES DE DIAGNOSTIC D'UN ANGOR INSTABLE**  
[72] WEYAND, CORNELIA M., US  
[72] GORONZY, JORG G., US  
[72] LIUZZO, GIOVANNA, IT  
[71] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US  
[85] 2001-02-26  
[86] 1999-08-27 (PCT/US99/19536)  
[87] 2000-03-09 (WO00/13021)  
[30] US (60/098,120) 1998-08-27

[21] **2,341,620**  
[13] A1

[51] **Int.Cl. 7H04Q 7/30**  
[25] EN  
[54] **CDMA TRANSMISSION OF PACKET-SWITCHED DATA**  
[54] **TRANSMISSION AMCR DE DONNEES COMMUTEES PAR PAQUETS**  
[72] KESSLER, ILAN, IL  
[72] NIZRI, SHLOMO, IL  
[72] LEVY, ATAI, IL  
[72] SHINDELMAN, DROR, IL  
[72] NEVO, RON, IL  
[72] VAKULENKO, MICHAEL, IL  
[72] KOLOR, SERGIO, IL  
[71] QUALCOMM INCORPORATED, US  
[85] 2001-02-26  
[86] 1999-08-27 (PCT/US99/19809)  
[87] 2000-03-09 (WO00/13441)  
[30] US (09/141,266) 1998-08-27

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[21] **2,341,621**  
[13] A1

[51] **Int.Cl. 7H04Q 7/30**  
[25] EN  
[54] **TRANSMISSION OF GSM CIRCUIT-SWITCHED DATA OVER A CDMA LINK**  
[54] **TRANSMISSION DE DONNEES GSM COMMUTEES PAR CIRCUIT VIA UNE LIAISON AMCR**  
[72] SHINDELMAN, DROR, IL  
[72] NEVO, RON, IL  
[72] VAKULENKO, MICHAEL, IL  
[72] LEVY, ATAI, IL  
[72] KESSLER, ILAN, IL  
[72] NIZRI, SHLOMO, IL  
[72] KOLOR, SERGIO, IL  
[71] QUALCOMM INCORPORATED, US  
[85] 2001-02-26  
[86] 1999-08-27 (PCT/US99/19808)  
[87] 2000-03-09 (WO00/13440)  
[30] US (09/140,942) 1998-08-27

[21] **2,341,622**  
[13] A1

[51] **Int.Cl. 6C25F 1/00 6C25F 5/00 6C25F 7/00 6B23H 3/00 6B23H 5/00**  
[25] EN  
[54] **ELECTROLYTIC CLEANING OF CONDUCTIVE BODIES**  
[54] **NETTOYAGE ELECTROLYTIQUE DE CORPS ELECTROCONDUCTEURS**  
[72] HOFFMAN, JOHN E., JR., US  
[72] HOFFMAN, RICHARD A., SR., US  
[71] HOFFMAN INDUSTRIES INTERNATIONAL, LTD., US  
[85] 2001-02-26  
[86] 1999-09-17 (PCT/US99/21526)  
[87] 2000-03-30 (WO00/17422)  
[30] US (09/157,176) 1998-09-18

[21] **2,341,623**  
[13] A1

[51] **Int.Cl. 7H01L 43/06**  
[25] EN  
[54] **SENSOR FOR MEASURING A MAGNETIC FIELD**  
[54] **DETECTEUR POUR MESURER UN CHAMP MAGNETIQUE**  
[72] SCHELTEN, JAKOB, DE  
[72] LEHMANN, RALF, DE  
[71] FORSCHUNGSZENTRUM JULICH GMBH, DE  
[85] 2001-02-26  
[86] 1999-08-19 (PCT/DE99/02605)  
[87] 2000-03-09 (WO00/13205)  
[30] DE (198 39 671.6) 1998-09-01

[21] **2,341,625**  
[13] A1

[51] **Int.Cl. 7F16N 11/04**  
[25] EN  
[54] **SENSOR FOR CONTINUOUSLY RELEASING A LIQUID**  
[54] **CAPTEUR PERMETTANT LA DELIVRANCE CONTINUE D'UN FLUIDE**  
[72] WENNER, MANFRED E., DE  
[71] WENNER, MANFRED E., DE  
[85] 2001-02-26  
[86] 1999-07-22 (PCT/DE99/02310)  
[87] 2000-02-10 (WO00/06940)  
[30] DE (198 34 338.8) 1998-07-30

[21] **2,341,626**  
[13] A1

[51] **Int.Cl. 7G01G 19/03 7G01G 19/02 7G08G 1/042**  
[25] EN  
[54] **DEVICE FOR DETECTING AND IDENTIFYING VEHICLES**  
[54] **SYSTEME PERMETTANT DE DETECTER ET D'IDENTIFIER DES VEHICULES**  
[72] LATTA, BERNARD MITCHEL, US  
[71] IDAHO TRANSPORTATION DEPARTMENT, US  
[85] 2001-02-26  
[86] 1999-08-26 (PCT/US99/20395)  
[87] 2000-03-09 (WO00/12975)  
[30] US (09/140,819) 1998-08-26

[21] **2,341,627**  
[13] A1

[51] **Int.Cl. 7C12Q 1/70**  
[25] EN  
[54] **METHOD FOR ASSESSING THE RELATIVE PURITY OF VIRAL GENE TRANSFER VECTOR STOCKS**  
[54] **PROCEDE D'EVALUATION DE LA PURETE RELATIVE DES POPULATIONS DE VECTEURS VIRAUX DE TRANSFERT DE GENES**  
[72] KOVESDI, IMRE, US  
[72] CARRION, MIGUEL, US  
[71] GENVEC, INC., US  
[85] 2001-02-26  
[86] 1999-08-10 (PCT/US99/18131)  
[87] 2000-03-09 (WO00/12765)  
[30] US (09/139,000) 1998-08-26

[21] **2,341,629**  
[13] A1

[51] **Int.Cl. 6H01L 31/04**  
[25] EN  
[54] **PHOTOVOLTAIC DEVICE**  
[54] **DISPOSITIF PHOTOVOLTAIQUE**  
[72] FUJISAWA, AKIRA, JP  
[72] NORIMATSU, HODAKA, JP  
[72] HIRATA, MASAHIRO, JP  
[71] NIPPON SHEET GLASS CO., LTD., JP  
[85] 2001-02-26  
[86] 1999-08-26 (PCT/JP99/04610)  
[87] 2000-03-09 (WO00/13237)  
[30] JP (10/239699) 1998-08-26

[21] **2,342,212**  
[13] A1

[51] **Int.Cl. 7H04B 10/18**  
[25] EN  
[54] **DISPERSION COMPENSATING ELEMENT HAVING AN ADJUSTABLE DISPERSION**  
[54] **ELEMENT DE COMPENSATION DE DISPERSION A DISPERSION REGLABLE**  
[72] SARDESAI, HARSHAD P., US  
[71] CIENA CORPORATION, US  
[85] 2001-02-28  
[86] 1999-08-20 (PCT/US99/19237)  
[87] 2000-03-02 (WO00/11815)  
[30] US (09/137,408) 1998-08-20

[21] **2,342,788**  
[13] A1

[51] **Int.Cl. 7C08F 297/02 7C08F 2/00 7C08F 8/00 7C08F 4/06 7C08F 4/40**  
[25] EN  
[54] **RESIN COMPOSITION, POLYMER, AND PROCESS FOR PRODUCING POLYMER**  
[54] **COMPOSITION DE RESINE, POLYMER ET PROCEDE DE PRODUCTION DU POLYMER**  
[72] KITANO, KENICHI, JP  
[72] NAGAGAWA, YOSHIKI, JP  
[72] KIMURA, KATSUHIKO, JP  
[72] FUJITA, MASAYUKI, JP  
[71] KANEKA CORPORATION, JP  
[85] 2001-02-20  
[86] 1999-08-20 (PCT/JP99/04470)  
[87] 2000-03-02 (WO00/11056)  
[30] JP (10/234432) 1998-08-20  
[30] JP (10/292674) 1998-10-15

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[21] **2,342,790**

[13] A1

[51] **Int.Cl. 7C08F 8/08 7C08L 63/00  
7C08G 59/34**

[25] EN

[54] **POLYMER AND EPOXY RESIN  
COMPOSITIONS**

[54] **COMPOSITION D'UN POLYMERE  
ET D'UNE RESINE EPOXYDE**

[72] KITANO, KENICHI, JP

[72] NAKAGAWA, YOSHIKI, JP

[72] FUJITA, MASAYUKI, JP

[71] KANEKA CORPORATION, JP

[85] 2001-02-20

[86] 1999-08-20 (PCT/JP99/04471)

[87] 2000-03-02 (WO00/11045)

[30] JP (10/234430) 1998-08-20

[30] JP (10/234431) 1998-08-20

[30] JP (10/260195) 1998-09-14

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[21] **2,342,799**

[13] A1

[51] **Int.Cl. 7C08L 57/00 7F16C 13/00  
7G03G 15/08 7G03G 15/16**

[25] EN

[54] **COMPOSITION FOR ROLLER  
AND ROLLER THEREFROM**

[54] **COMPOSITION POUR ROULEAUX  
ET ROULEAUX EN ETANT FAITS**

[72] NAKAGAWA, YOSHIKI, JP

[72] KITANO, KENICHI, JP

[71] KANEKA CORPORATION, JP

[85] 2001-02-20

[86] 1999-08-20 (PCT/JP99/04469)

[87] 2000-03-02 (WO00/11082)

[30] JP (10/234433) 1998-08-20

[30] JP (10/242100) 1998-08-27

## **PCT Applications Entering the National Phase**

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[21] **2,332,407**  
[13] A1

[51] **Int.Cl. 7G10L 19/06**  
[25] EN  
[54] **METHOD FOR DEFINING CODING INFORMATION**  
[54] **PROCEDE DE DEFINITION D'INFORMATION CODEE**  
[72] DAVIS, MARK FRANKLIN, US  
[72] FIELDER, LOUIS DUNN, US  
[71] DOLBY LABORATORIES LICENSING CORPORATION, US  
[22] 1990-01-29  
[43] 1990-07-28  
[62] 2,140,678  
[30] US (303,714) 1989-01-27  
[30] US (439,868) 1989-11-20  
[30] US (458,894) 1989-12-29

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[21] **2,337,750**  
[13] A1

[51] **Int.Cl. 7A61K 31/22 7A61P 17/00 7A61K 9/06 7A61K 7/48 7A61K 31/765**  
[25] EN  
[54] **THERAPEUTIC OR COSMETIC COMPOSITIONS CONTAINING DIMERIC OR POLYMERIC FORMS OF HYDROXYACIDS, AND THEIR THERAPEUTIC USE**  
[54] **COMPOSITIONS THERAPEUTIQUES OU COSMETIQUES RENFERMANT DES FORMES DIMERES OU POLYMERES D'HYDROXYACIDES, ET LEUR UTILISATION THERAPEUTIQUE**  
[72] YU, RUEY J., US  
[72] VAN SCOTT, EUGENE J., US  
[71] YU, RUEY J., US  
[71] VAN SCOTT, EUGENE J., US  
[22] 1990-06-19  
[43] 1991-02-15  
[62] 2,019,273  
[30] US (393,749) 1989-08-15

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[21] **2,339,888**  
[13] A1

[51] **Int.Cl. 7C12N 5/10 7A01K 67/00 7C12N 9/24**  
[25] EN  
[54] **ENZYMATICALLY ACTIVE RECOMBINANT GLUCOCEREBROSIDASE**  
[54] **GLUCOCEREBROSDIDASE RECOMBINANT AYANT UNE ACTION ENZYMATIQUE**  
[72] RASMUSSEN, JAMES, US  
[72] BARSOMIAN, GARY, US  
[72] BERGH, MICHEL, US  
[71] GENZYME CORPORATION, US  
[22] 1989-12-27  
[43] 1990-06-23  
[62] 2,006,709  
[30] US (289,589) 1988-12-23  
[30] US (07/455,507) 1989-12-22

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[21] **2,340,784**  
[13] A1

[51] **Int.Cl. 7B01D 50/00**  
[25] EN  
[54] **SELF-CONTAINED PORTABLE/MOUNTABLE AIR CLEANER**  
[54] **EPURATEUR D'AIR AUTONOME PORTATIF/FIXE**  
[72] STANEK, TERRENCE L., US  
[71] EMERSON ELECTRIC CO., US  
[22] 1998-10-26  
[43] 1999-07-06  
[62] 2,249,690  
[30] US (09/003,267) 1998-01-06

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[21] **2,340,958**  
[13] A1

[51] **Int.Cl. 7A01H 5/00 7A23D 9/00 7A01H 5/10**  
[25] EN  
[54] **SEEDS, PLANTS AND OILS WITH ALTERED FATTY ACID PROFILES**  
[54] **GRAINES, PLANTES ET HUILES A PROFIL D'ACIDE GRAS MODIFIE**  
[72] LOH, WILLIE HSIAO-TSU, US  
[72] DEBONTE, LORIN ROGER, US  
[72] FAN, ZHEGONG, US  
[71] CARGILL INCORPORATED, US  
[22] 1991-08-28  
[43] 1992-03-19  
[62] 2,089,265  
[30] US (575,542) 1990-08-30  
[30] US (739,965) 1991-08-05

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[21] **2,340,982**  
[13] A1

[51] **Int.Cl. 7H04N 7/16 7H04L 1/22 7H04N 7/26**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ELECTRONIC DISTRIBUTION OF DIGITAL MULTI-MEDIA INFORMATION**  
[54] **PROCEDE ET DISPOSITIF DE DISTRIBUTION ELECTRONIQUE D'INFORMATIONS NUMERIQUES MULTIMEDIAS**  
[72] DONAHUE, PAUL, US  
[72] FISH, LAURENCE, US  
[72] LERNER, IAN, US  
[71] STARGUIDE DIGITAL NETWORKS, INC., US  
[22] 1995-09-06  
[43] 1996-03-14  
[62] 2,199,360  
[30] US (08/303,224) 1994-09-08

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[21] **2,340,999**

[13] A1

[51] **Int.Cl. 7C07D 403/14 7A61P 25/00  
7C07D 403/04 7C07D 471/04 7C07D 487/  
04 7A61P 3/04 7A61P 9/12 7C07D 401/14  
7A61K 31/4184 7A61K 31/437 7A61K 31/  
454**

[25] EN

[54] **5-ARYLINDOLE DERIVATIVES**

[54] **DERIVES DE 5-ARYLINDOLE**

[72] MACOR, JOHN EUGENE, US

[71] PFIZER INC., US

[22] 1993-10-19

[43] 1994-05-11

[62] 2,148,380

[30] US (07/970,758) 1992-11-02

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[21] **2,341,081**

[13] A1

[51] **Int.Cl. 7C12N 9/16 7A23K 1/165  
7C12N 15/55 7C12N 15/79**

[25] EN

[54] **CLONING AND EXPRESSION OF  
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[54] **CLONAGE ET EXPRESSION DE LA  
PHYTASE MICROBIENNE**

[72] VAN GORCOM, ROBERT

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[72] VAN HARTINGSVELDT, WILLEM,  
NL

[72] VEENSTRA, ANNEMARIE EVELINE,  
NL

[72] VAN PARIDON, PETRUS ANDREAS,  
NL

[72] SELTEN, GERARDUS CORNELIS  
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[72] LUITEN, RUDOLF GIJSBERTUS  
MARIE, NL

[71] DSM N.V., NL

[22] 1990-09-27

[43] 1991-04-18

[62] 2,042,054

[30] EP (89202436.5) 1989-09-27

[30] EP (90202231.8) 1990-08-17

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DEERE & COMPANY	2,305,009	GARWOOD, RONALD GEORGE	2,307,910	KOMMANDITGESELLSC HAFT AUF AKTIEN	2,325,709
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KALBITZ, WERNER	2,325,283	LAWSON, GLENN E.	2,325,683	MAW, GRAHAM NIGEL	2,323,183
KALINOWSKI, JORN	2,323,149	LAZARUS, ALAN H.	2,325,619	MAW, GRAHAM NIGEL	2,323,191
KALLAS, MICHEL	2,323,326	LEFTWICH, WILLIAM B.	2,325,813	MAW, GRAHAM NIGEL	2,323,464
KALLAS, MICHEL	2,323,367	LEMANN, PATRICIA	2,325,889	MAW, GRAHAM NIGEL	2,324,484
KALLAS, MICHEL	2,323,395	LÉVEILLÉ, SYLVIE	2,289,395	MAXIM, JOSEPH S., JR.	2,325,209
KALTENEGGER, KURT	2,325,008	LFK		MAYR, MARTIN	2,324,725
KAN, CHEN-CHEN	2,325,228	LENKFLUGKORPERSYS TEME GMBH	2,325,763	MAYTAG CORPORATION	2,320,052
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ALCON LABORATORIES, INC.	2,340,225	AUSTIN, KENNETH	2,340,252	BAUGHN, MARIAH R.	2,338,385
ALCON LABORATORIES, INC.	2,340,226	AUSTIN, ROBERT H.	2,340,228	BAUGHN, MARIAH R.	2,339,086
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ALEXANDER, WILLIAM WHITNEY II	2,340,389	AVENTIS CROPSCIENCE GMBH	2,340,185	AKTIENGESELLSCHAFT	2,339,769
ALGUERA GALLEGO, JOSE MANUEL	2,340,135	AVENTIS CROPSCIENCE GMBH	2,340,193	AKTIENGESELLSCHAFT	2,340,263
ALLIEDSIGNAL INC.	2,340,431	AVENTIS CROPSCIENCE GMBH	2,340,240	BECKER, DONALD	2,341,250
ALLIO, PIERRE	2,339,909	AVENTIS CROPSCIENCE GMBH	2,340,241	BEEDON, KENT WIXON	2,340,932
ALMOND, MERRICK	2,340,214	AVENTIS PHARMA DEUTSCHLAND GMBH	2,339,416	BELLA, LUIGI	2,340,530
ALPLA-WERKE ALWIN LEHNER GMBH & CO. KG	2,339,937	AVENTIS PHARMA DEUTSCHLAND GMBH	2,340,405	BELWON, WALDEMAR A.	2,340,166
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				BENGS, HOLGER	2,340,727
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BIERINGER, HERMANN	2,340,013	BRISTOL-MYERS SQUIBB COMPANY	2,340,663	SCIENTIFIQUE	2,339,878
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BIONEBRASKA, INC.	2,338,885	BRUNO, MARIA	2,340,416	CHHABRIA, RAJESH	2,340,679
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GELIBET, CHARLES	2,340,752	GRUNNET-JEPSSEN, ANDERS	2,340,062	HERGENRODER, STEFAN	2,340,167
GENERAL ELECTRIC COMPANY	2,340,775	GRUNWALD, SORIN	2,340,246	HEWLETT-PACKARD COMPANY	2,339,764
GENERAL ELECTRIC COMPANY	2,340,886	GRUNWALD, SORIN	2,340,247	HEWLETT-PACKARD COMPANY	2,339,766
GENERAL ELECTRIC COMPANY	2,340,889	GU, YUAN	2,340,742	HICKEY, DENNIS, JAMES	2,341,247
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GERMER, WARREN R.	2,340,886	GUPTA, ALOKE	2,339,764	HILLMANN, MARGRIT	2,340,990
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