

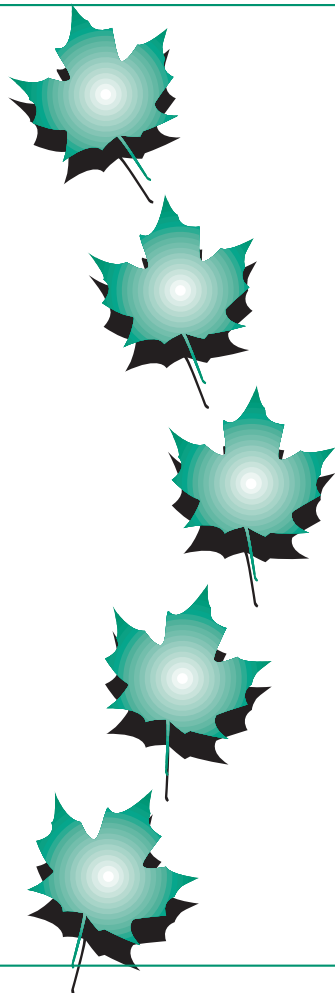


**Canadian  
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**The Patent  
Office  
Record**

**La Gazette  
du Bureau  
des brevets**

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**Canada**



# THE PATENT OFFICE RECORD

## LA GAZETTE DU BUREAU DES BREVETS

David Tobin  
Commissioner of Patents

David Tobin  
Commissaire aux brevets

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

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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# Table of Contents

## Table des matières

Notices	
Avis .....	1
Canadian Patents Issued	
Brevets canadiens délivrés .....	9
Canadian Laid-Open Applications	
Demandes canadiennes mises à la disponibilité du public .....	43
PCT Applications Entering the National Phase	
Demandes PCT entrant en phase nationale .....	89
Canadian Divisional and Previously Unavailable Laid-Open applications	
Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant .....	165
Index of Canadian Patents Issued	
Index des brevets canadiens délivrés .....	169
Index of Canadian Laid-Open Applications	
Index des demandes canadiennes mises à la disponibilité du public .....	175
Index of PCT Applications Entering the National Phase	
Index des demandes PCT entrant en phase nationale .....	183
Index of Canadian Divisional and Previously Unavailable Laid-Open applications	
Index des Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant .....	197

## 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

## 2. Country Code

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

## 3. Canadian Class Titles

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

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

## 4. Class Schedules and Definitions

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

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

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

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

## 2. Code des pays

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

## 3. Liste des classes canadiennes

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

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

## 4. Listes et définitions des classes

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

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

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

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

## Notices

### 6. Orders for Patents by Class or Sub-Class

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

### 7. Advice on Making a Patent Application

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

### 8. Licensing of Patents

#### Voluntary Licences

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

#### Compulsory Licences

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

### 9. Patents Available for Licence or Sale

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

### 6. Commande de brevets par classe ou sous-classe

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

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

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

### 8. Octroi de licences en vertu des brevets

#### Licences librement accordées

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

#### Licences obligatoires

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

### 9. Brevets disponibles pour licence ou vente

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

## Avis

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

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

1,341,310  
2,116,592  
2,223,817  
2,325,756

### 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.

1,341,310  
2,116,592  
2,223,817  
2,325,756

### 11. Laid-Open Applications

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

### 12. Language of Published Documents

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

### 11. Demandes mises à la disponibilité du public

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

### 12. Langue du document publié

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

## Notices

### 13. Patent Cooperation Treaty (PCT)

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

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

4. **International Search Fee** 1,232.00  
The above mentioned fees are due at time of filing of the International Application, or within one month from the International Filing Date (date of receipt of the International Application by the Receiving Officer). If the International Application does not contain a priority claim, the Designation Fee is due within one year from the International Filing Date. These fees are to be paid in Canadian dollars and made payable to the Receiver General of Canada.

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

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

#### Preliminary Examination

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

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

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

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

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

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

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

4. **Taxe de recherche internationale** 1 232,00  
Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date du dépôt de la demande (soit la date de réception de la demande internationale). Si la demande ne contient pas de revendication de priorité, la taxe de désignation est due dans un délai d'un an à compter de la date du dépôt de la demande internationale. Les taxes doivent être payées en dollars canadien et sont payables au Receveur Générale du Canada.

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

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

#### Examen préliminaire

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

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

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

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



## Avis

### 14. PCT Notices

#### PCT Signature Requirements

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

#### Patent Cooperation Treaty (PCT)

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

#### **New Member State**

On 10 December 2001, **Tunisia** (country code: **TN**) will become the 115th contracting State of the PCT at both the Chapter I and II levels.

On 15 November 2001, **Zambia** (country code: **ZM**) will become the 114th contracting State of the PCT at both the Chapter I and II levels. Zambia may also be designated for a Regional Patent under AP.

On 26 October 2001, **Oman** (country code: **OM**) will become the 113th contracting State of the PCT at both the Chapter I and II levels.

#### **Erratum**

Please note that the Canadian Patents Issued chapter of the Canadian Patent Office Record Volume 129, Edition No. 41, contained incomplete information. The following patents were issued on October 9, 2001:

### 14. Avis PCT

#### Exigences des signatures du PCT

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

#### Traité de Coopération en matière de brevets (PCT)

Des copies du Guide du déposant - PCT ainsi que du Traité et des Règlements sont disponibles auprès de l'OMPI au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à l'OMPI - Organisation mondiale de la propriété intellectuelle à la Section des produits d'information, Boîte postale 18, 1211 Genève 20, Suisse, Téléphone (011 41 22) 338-9618, Télécopieur (011 41 22) 740-1812 ou par courriel à [publications.mail@wipo.int](mailto:publications.mail@wipo.int) ou visiter leur site web à <http://www.wipo.int>.

#### **Nouveau État Membre**

Le 10 décembre 2001, **Tunisie** (code du pays: **TN**) deviendra le 115ème pays membre des États contractants du PCT au niveau des Chapitres I et II.

Le 15 novembre 2001, **Zambie** (code du pays: **ZM**) deviendra le 114ème pays membre des États contractants du PCT au niveau des Chapitres I et II. Zambie peut être désigné aussi comme un brevet régionale sous AP.

Le 26 octobre 2001, **Oman** (code du pays: **OM**) deviendra le 113ème pays membre des États contractants du PCT au niveau des Chapitres I et II.

#### **Erratum**

Veillez prendre note que le chapitre des Brevets canadiens délivrés, Volume 129, Edition No. 41, contenait de l'information incomplète. Les brevets qui suivent ont été émis le 9 octobre 2001:

## Notices

(11) **2,142,320**  
(13) C  
(51) Int. Cl. 6 A61K 31/135, A61K 47/38, A61K 9/22  
(25) EN  
(54) SUSTAINED RELEASE TABLETS CONTAINING BUPROPION  
(54) COMPRIMES DE BUPROPION A DEGAGEMENT PORLONGE  
(72) Bass, William Leroy, Jr., US  
(72) Sutton, Joel Elmore, Jr., US  
(72) Ludwig, Jennie Sue Galloway, US  
(73) Wellcome Foundation Limited (The), GB  
(30) GB (9217295.6) 1992/08/14

(11) **2,317,126**  
(13) C  
(51) Int. Cl. 6 A61J 1/00, B65D 1/02  
(25) EN  
(54) CONTAINER FOR AN INHALATION ANESTHETIC  
(54) RECIPIENT POUR ANESTHESIQUE D'INHALATION  
(72) Speicher, Earl R., US  
(72) Setesak, Jeffrey, US  
(72) Rice, Patrick, US  
(72) Ramsey, George M., US  
(72) Chang, Steven H., US  
(72) Flament-Garcia, Mary Jane, US  
(72) Raghavan, Rajagopalan, US  
(73) ABBOTT LABORATORIES, US  
(30) US (09/004,876) 1998/01/09  
(30) US (09/004,792) 1998/01/09  
(30) US (09/205,406) 1998/12/04

(11) **2,325,541**  
(13) C  
(51) Int. Cl. 7 A61K 31/7048, A61K 9/22, A61P 31/04  
(25) EN  
(54) EXTENDED RELEASE FORMULATIONS OF ERYTHROMYCIN DERIVATIVES  
(54) FORMULATIONS A LIBERATION PROLONGEE DE DERIVES D'ERYTHROMYCINE  
(72) Selma, Susan J., US  
(72) Milman, Nelly, US  
(72) Hui, Ho-Wah, US  
(72) Gustavson, Linda E., US  
(72) Crampton, Sheri L., US  
(72) Al-Razzak, Laman A. US  
(73) ABBOTT LABORATORIES, US  
(30) US (08/838,900) 1997/04/11

Also the following Canadian patents should have appeared in Volume 129, Edition No. 42, October 16, 2001, but instead appeared in Volume 129, Edition 41, October 9, 2001: **2161788** and **2152615**. The issue date of these patents is in fact October 16, 2001.

(11) **2,142,320**  
(13) C  
(51) Int. Cl. 6 A61K 31/135, A61K 47/38, A61K 9/22  
(25) EN  
(54) SUSTAINED RELEASE TABLETS CONTAINING BUPROPION  
(54) COMPRIMES DE BUPROPION A DEGAGEMENT PORLONGE  
(72) Bass, William Leroy, Jr., US  
(72) Sutton, Joel Elmore, Jr., US  
(72) Ludwig, Jennie Sue Galloway, US  
(73) Wellcome Foundation Limited (The), GB  
(30) GB (9217295.6) 1992/08/14

(11) **2,317,126**  
(13) C  
(51) Int. Cl. 6 A61J 1/00, B65D 1/02  
(25) EN  
(54) CONTAINER FOR AN INHALATION ANESTHETIC  
(54) RECIPIENT POUR ANESTHESIQUE D'INHALATION  
(72) Speicher, Earl R., US  
(72) Setesak, Jeffrey, US  
(72) Rice, Patrick, US  
(72) Ramsey, George M., US  
(72) Chang, Steven H., US  
(72) Flament-Garcia, Mary Jane, US  
(72) Raghavan, Rajagopalan, US  
(73) ABBOTT LABORATORIES, US  
(30) US (09/004,876) 1998/01/09  
(30) US (09/004,792) 1998/01/09  
(30) US (09/205,406) 1998/12/04

(11) **2,325,541**  
(13) C  
(51) Int. Cl. 7 A61K 31/7048, A61K 9/22, A61P 31/04  
(25) EN  
(54) EXTENDED RELEASE FORMULATIONS OF ERYTHROMYCIN DERIVATIVES  
(54) FORMULATIONS A LIBERATION PROLONGEE DE DERIVES D'ERYTHROMYCINE  
(72) Selma, Susan J., US  
(72) Milman, Nelly, US  
(72) Hui, Ho-Wah, US  
(72) Gustavson, Linda E., US  
(72) Crampton, Sheri L., US  
(72) Al-Razzak, Laman A. US  
(73) ABBOTT LABORATORIES, US  
(30) US (08/838,900) 1997/04/11

Les brevets qui suivent auraient dû paraître dans le Volume 129, Edition No. 42, le 16 octobre 2001, mais ont parus dans le Volume 129, Edition 41, le 9 octobre 2001: **2161788** et **2152615**. Le date l'emissions de ces brevets est réalité le 16 octobre 2001.

## Avis

### **15. Canadian Laid-Open Applications**

The Patent Office Record of October 23, 2001 contains laid-open applications from September 30, 2001 - October 6, 2001.

### **15. Demandes Canadiennes mises à la disponibilité du public**

Ce numéro de la Gazette des brevets du Canada contient les demandes disponibles au public pour consultation pour la période du 30 septembre 2001 - 6 octobre 2001.

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October 23, 2001

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23 octobre 2001

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[11] **1,341,306**  
[13] C

[52] 195-1.20 195-1.33 195-1.37 195-39.1  
[51] **Int.Cl. 7C12N 15/58 7C12N 15/81**  
**7C12N 15/63 7C12N 1/16 7C12P 21/00**  
**7C12N 9/72**  
[25] EN  
[54] **YEAST EXPRESSION OF**  
**UROKINASE-TYPE PLASMINOGEN**  
**ACTIVATOR AND MUTANTS**  
**THEREOF**  
[54] **EXPRESSION DE LA LEVURE**  
**D'UN ACTIVEUR DE LA**  
**PLASMINOGENE DE TYPE**  
**UROKINASE ET LEUR MUTANT**  
[72] Meyhack, Bernd, SZ  
[72] Heim, Jutta, SZ  
[72] Burgi, Rolf, SZ  
[73] NOVARTIS AG, SZ  
[21] **563,968**  
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[30] GB (8709081) 1987-04-15  
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[30] IE (3299/87) 1987-12-04

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[13] C

[52] 195-1.22 167-100 195-1.23 195-1.28  
530-13.00 530-15.12  
[51] **Int.Cl. 7C12N 15/38 7C12N 15/63**  
**7C12N 15/86 7A61K 39/245 7C07K 14/03**  
[25] EN  
[54] **VIRAL NUCLEOTIDE SEQUENCES**  
**DU VIRUS DE L'HERPES AVIAIRE**  
[54] **SEQUENCES DE NUCLEOTIDES**  
**DU VIRUS DE L'HERPES AVIAIRE**  
[72] Griffin, Annette Mary, GB  
[72] Ross, Louis Joseph Norman, GB  
[72] Scott, Simon David, GB  
[72] Binns, Matthew McKinley, GB  
[73] MERIAL SOCIETE PAR ACTIONS  
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[21] **611,209**  
[22] 1989-09-13  
[30] GB (8821441.6) 1988-09-13

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[13] C

[52] 195-1.22 167-104 195-1.23 195-1.28  
530-13.00 530-15.12  
[51] **Int.Cl. 7C12N 15/38 7C12N 15/63**  
**7C12N 15/86 7C07K 14/055 7A61K 39/255**  
[25] EN  
[54] **VIRAL VACCINES**  
**L'HERPES AVIAIRE**  
[54] **VACCINS CONTRE LE VIRUS DE**  
**L'HERPES AVIAIRE**  
[72] Ross, Louis Joseph Norman, GB  
[72] Scott, Simon David, GB  
[72] Binns, Matthew McKinley, GB  
[73] MERIAL SOCIETE PAR ACTIONS  
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[21] **611,210**  
[22] 1989-09-13  
[30] GB (8821441.6) 1988-09-13

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[11] **1,341,309**  
[13] C

[52] 354-229  
[51] **Int.Cl. 7G06T 11/60**  
[25] EN  
[54] **METHOD AND APPARATUS FOR**  
**REPRESENTING BORDERED AREAS**  
**OF A GENERIC FORM**  
[54] **METHODE ET SYSTEME**  
**PERMETTANT LA REPRESENTATION**  
**DE REGIONS DELIMITEES AUX**  
**FORMES CONVENTIONNELLES**  
[72] Morgan, Michael William, US  
[73] Intuit, Inc., US  
[21] **616,727**  
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[30] US (292,611) 1988-12-30

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[13] C

[52] 354-230.6 354-33 354-230.5  
[51] **Int.Cl. 7G06F 13/38 7G06F 9/46**  
**7G06F 17/60 7H04L 12/16**  
[25] EN  
[54] **AN INTERACTIVE COMPUTER**  
**NETWORK AND METHOD OF**  
**OPERATION**  
[54] **RESEAU INFORMATIQUE**  
**INTERACTIF, AINSI QUE SA**  
**PROCEDURE D'UTILISATION**  
[72] Filepp, Robert, US  
[72] Gordon, Michael L., US  
[72] Bidwell, Alexander W., US  
[72] Young, Francis C., US  
[72] Wolf, Allan M., US  
[72] Meo, Sam, US  
[72] Tiemann, Duane, US  
[72] Cohen, Robert D., US  
[72] Bellar, Mel, US  
[72] Appleman, Kenneth H., US  
[72] Abrahams, Lawrence, US  
[72] Silfen, Michael J., US  
[72] Dalsass, Aldo R., US  
[72] Galambos, James A., US  
[72] Wong, Florence L., US  
[73] International Business Machines  
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[30] US (219,931) 1988-07-15  
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[13] C

[51] **Int.Cl. 5B65B 11/54**  
[25] EN  
[54] **IMPROVEMENTS RELATING TO**  
**THE PACKAGING AND MARKETING**  
**OF TEA BAGS**  
[54] **PERFECTIONNEMENTSSE**  
**RAPPORTANT A L'EMBALLAGE ET**  
**DE LA MISE EN MARCHE DE**  
**SACHETS DE THE**  
[72] Aston, Stephen Charles, GB  
[73] PREMIER BRANDS U.K. LIMITED,  
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[22] 1989-10-24  
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[13] C  
[51] **Int.Cl. 5C07C 43/313 5C07C 53/21 5C07C 69/63**  
[25] EN  
[54] **DIRECT FLUORINATION PROCESS FOR MAKING PERFLUORINATED ORGANIC SUBSTANCES**  
[54] **PROCEDE DE FLUORATION DIRECTE POUR L'OBTENTION DE SUBSTANCES ORGANIQUES PERFLUOREES**  
[72] Costello, Michael G., US  
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[73] Exfluor Research Corporation, US  
[22] 1989-12-04  
[30] US (278,965) 1988-12-02

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[13] C  
[51] **Int.Cl. 5G02B 6/26**  
[25] EN  
[54] **METHOD OF MAKING FIBER OPTIC COUPLERS**  
[54] **METHODE DE FABRICATION DE COUPLEURS DE FIBRES OPTIQUES**  
[72] Berkey, George Edward, US  
[72] Krowiak, Mark Thomas, US  
[72] Saunders, Daniel Paul, US  
[73] CORNING INCORPORATED, US  
[22] 1989-12-21  
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[13] C  
[51] **Int.Cl. 5F16L 33/00**  
[25] EN  
[54] **METHOD OF FASTENING HOSE TO NIPPLE AND HOSE CONNECTION OBTAINED BY SUCH METHOD**  
[54] **METHODE DE RACCORDER UNE TUYAUTERIE HAUTE PRESSION ET RACCORD AINSI OBTENU**  
[72] Oetiker, Hans, CH  
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[13] C  
[51] **Int.Cl. 5C09D 163/00 5C25D 13/08 5C09D 5/24**  
[25] EN  
[54] **NOVEL ELECTRODEPOSITION COATING SYSTEM HAVING IMPROVED IMPACT AND CHIP RESISTANCE**  
[54] **NOUVEAU SYSTEME DE REVETEMENT PAR ELECTRODEPOSITION PRESENTANT UNE MEILLEURE RESISTANCE AUX CHOCS ET AUX ECLATS**  
[72] Harris, Paul J., US  
[72] Wojcik, Ronald T., US  
[73] BASF CORPORATION, US  
[22] 1990-02-23  
[30] US (316,845) 1989-02-28

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[11] **2,013,331**  
[13] C  
[51] **Int.Cl. 5B65G 45/00**  
[25] EN  
[54] **CONVEYOR BELT CLEANING ARRANGEMENT**  
[54] **DISPOSITIF DE NETTOYAGE POUR CONVOYEURS**  
[72] Barnes, Edwin Arthur, AU  
[73] Belle Banne Flexco Pty Limited, AU  
[22] 1990-03-29  
[30] AU (PJ3465) 1989-03-31

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[13] C  
[51] **Int.Cl. 5G10K 15/00 5B63B 49/00 5B63G 8/39 5G01S 7/52**  
[25] EN  
[54] **WINDOW FOR ACOUSTIC WAVE FORM AND METHOD FOR MAKING**  
[54] **FENETRE A ONDES ACOUSTIQUES ET METHODE DE FABRICATION DE CETTE FENETRE**  
[72] Golden, Jonathan Martin, US  
[72] Lai, Jui Lue, US  
[72] Caprette, Samuel Joseph, Jr., US  
[73] B.F. Goodrich Company (The), US  
[22] 1990-05-31

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[11] **2,018,425**  
[13] C  
[51] **Int.Cl. 5A23F 5/00**  
[25] EN  
[54] **PREPARATION OF BEVERAGES**  
[54] **PREPARATION DE BOISSONS**  
[72] Smith, Constance Louise, US  
[72] Main, Jeffrey, US  
[72] Kwon, Steven Soon-Young, US  
[73] SOCIETE DES PRODUITS NESTLE S.A., CH  
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[13] C  
[51] **Int.Cl. 5C12P 17/12 5A61K 31/44 5C07F 9/59**  
[25] EN  
[54] **PHOSPHORYLATED GLYCOSIDASE INHIBITOR PRODRUGS**  
[54] **PRODRUGUES PHOSPHORYLEES D'INHIBITEUR DE LA GLYCOSIDASE**  
[72] Scudder, Peter R., GB  
[72] Jacob, Gary S., GB  
[72] Rademacher, Thomas W., GB  
[72] Dwek, Raymond A., GB  
[73] MONSANTO COMPANY, US  
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[13] C  
[51] **Int.Cl. 5C21B 15/00 5C22B 34/12 5C21B 13/14 5C22B 5/18**  
[25] EN  
[54] **IMPROVED METHOD FOR BENEFICIATING TITANIUM BEARING MATERIAL CONTAINING IRON**  
[54] **METHODE AMELIOREE POUR ENRICHIR DES MATIERES TITANIFERES CONTENANT DU FER**  
[72] Reeves, James William, US  
[72] Zander, Bo Harry, SE  
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[51] **Int.Cl. 5G02B 6/28**  
[25] EN  
[54] **ACHROMATIC FIBER OPTIC COUPLER**  
[54] **COUPLEUR OPTIQUE A FIBRES ACHROMATIQUES**  
[72] Miller, William James, US  
[72] Truesdale, Carlton Maurice, US  
[72] Weidman, David Lee, US  
[72] Young, Donald Ray Jr., US  
[73] CORNING INCORPORATED, US  
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[11] **2,031,145**  
[13] C

[51] **Int.Cl. 5H04B 7/26**  
[25] EN  
[54] **FREQUENCY DETECTOR BASED ON A DIGITAL PHASE LOCK LOOP**  
[54] **DETECTEUR DE FREQUENCE A BOUCLE A PHASE ASSERVIE**  
[72] Strömmer, Esko Kaarlo Juhani, FI  
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[11] **2,032,772**  
[13] C

[51] **Int.Cl. 5C07F 9/38 5C07F 9/547 5A61K 31/66**  
[25] EN  
[54] **2-FORMYLBENZYLPHOSPHONIC ACID DERIVATIVES, THEIR PREPARATION AND THEIR USE FOR THE TREATMENT OF DISEASES CAUSED BY VIRUSES**  
[54] **DERIVES D'ACIDE 2-FORMYLBENZYLPHOSPHONIQUE; METHODE DE PREPARATION; UTILISATION POUR LE TRAITEMENT DE MALADIES CAUSEES PAR DES VIRUS**  
[72] Peyman, Anuschirwan, DE  
[72] Uhlmann, Eugen, DE  
[72] Winkler, Irvin, DE  
[72] Helsberg, Matthias, DE  
[72] Meichsner, Christoph, DE  
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[11] **2,033,114**  
[13] C

[51] **Int.Cl. 5C08J 9/236**  
[25] EN  
[54] **FLAME RETARDANT FOAM MATERIAL**  
[54] **MOUSSE IGNIFUGE**  
[72] Wheat, James A., CA  
[72] Fuoco, Rolland P., CA  
[72] Dix, James K., CA  
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[11] **2,033,521**  
[13] C

[51] **Int.Cl. 5B29C 33/20**  
[25] FR  
[54] **MOULE A SECTEURS A AUTO-VERROUILLAGE, POUR LA VULCANISATION DES ENVELOPPES DE PNEUMATIQUES**  
[54] **SELF-LOCKING SECTIONAL MOLD FOR THE VULCANIZATION OF TIRE CASINGS**  
[72] Laurent, Daniel, FR  
[73] COMPAGNIE GÉNÉRALE DES ÉTABLISSEMENTS MICHELIN - MICHELIN & CIE, FR  
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[51] **Int.Cl. 5F42B 3/10**  
[25] EN  
[54] **INITIATOR FOR A TRANSMISSION TUBE**  
[54] **DISPOSITIF D'AMORCAGE POUR TUBE DE TRANSMISSION**  
[72] Peebles, Richard J., US  
[72] Michna, Richard J., US  
[72] Monat, David E., US  
[72] Bartholomew, Stephen W., US  
[72] Adams, Craig F., US  
[73] THE ENSIGN-BICKFORD COMPANY, US  
[22] 1991-01-03  
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[13] C

[51] **Int.Cl. 5C03B 37/018 5C03B 20/00 5G02B 6/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR FORMING A POROUS GLASS PREFORM**  
[54] **PROCEDE ET DISPOSITIF DE FABRICATION D'UNE PREFORME EN VERRE POREUX**  
[72] Abbott, John S., US  
[72] Bertz, Mark Charles, US  
[72] Faler, James Henry, US  
[72] Schirmer, William, III, US  
[72] Williams, John Geyer, US  
[73] CORNING INCORPORATED, US  
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[13] C

[51] **Int.Cl. 5C07D 487/04 5C07F 7/10 5A61K 31/40 5A61K 31/44**  
[25] EN  
[54] **HEXAHYDROPYRROLO-2,3-B]INDOLE CARBAMATES, -UREAS, -AMIDES AND RELATED COMPOUNDS, A PROCESS FOR THEIR PREPARATION AND THEIR USE AS MEDICAMENTS**  
[54] **HEXOHYDROPYRROLO -2,3-B]INDOLE-CARBAMATES, -UREES, -AMIDES ET COMPOSES APPARENTES, LEUR PROCEDE DE FABRICATION ET LEUR UTILISATION COMME MEDICAMENTS**  
[72] O'Malley, Gerard Joseph, US  
[72] Allen, Richard Charles, US  
[72] White, John Irving, US  
[73] AVENTIS PHARMACEUTICALS INC., US  
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[72] Peet, Norton P., US  
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[73] AVENTIS PHARMA INC., CA  
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[51] Int.Cl. 5C22B 3/42 5C22B 61/00  
5C22B 30/04 5B01J 39/04 5C22B 3/24  
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[72] Albert, Luc, FR  
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[73] Metaleurop S.A., FR  
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[51] Int.Cl. 5C08G 63/08 5A61L 17/00  
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GLYCOLIDE  
[54] COPOLYMERES SEGMENTES DE  
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[51] Int.Cl. 5C07D 487/04 5A61K 31/55  
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DERIVATIVES  
[54] DERIVES DE LA  
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[51] Int.Cl. 5E04C 5/12 5E04G 21/14  
[25] FR  
[54] ANCRE DE LEVAGE ET DE  
RELEVAGE NOTAMMENT POUR  
PANNEAU DE BETON  
[54] LIFTING CRAMP, MAINLY FOR  
RAISING CONCRETE SLABS  
[72] Arteon, Marcel, FR  
[73] Arteon, Marcel, FR  
[85] 1991-03-05  
[86] 1990-07-13 (PCT/FR90/00529)  
[87] (WO91/01423)  
[30] FR (89 08767) 1989-07-17

[11] 2,036,645  
[13] C  
[51] Int.Cl. 5C08G 67/02  
[25] EN  
[54] POLYMERS CONTAINING  
CHEMICALLY BOUND AMINE  
ANTIDEGRADANTS  
[54] POLYMERES CONTENANT DES  
ANTIDEGRADANTS D'AMINES LIES  
CHIMIQUEMENT  
[72] Wideman, Lawson G., US  
[73] THE GOODYEAR TIRE & RUBBER  
COMPANY, US  
[22] 1991-02-19  
[30] US (594,788) 1990-10-09

[11] 2,037,411  
[13] C  
[51] Int.Cl. 5C07H 17/08 5C07D 493/22  
5A61K 31/365 5A61K 31/70 5A01N 43/90  
[25] EN  
[54] MILBEMYCIN ETHER  
DERIVATIVES  
[54] DERIVES ETHERIFIES DE LA  
MILBEMYCINE  
[72] Morisawa, Yasuhiro, JP  
[72] Saito, Akio, JP  
[72] Naito, Satoru, JP  
[72] Toyama, Toshimitsu, JP  
[72] Kaneko, Susumu, JP  
[72] Molleyres, Louis-Pierre, CH  
[72] Gehret, Jean-Claude, CH  
[73] SANKYO COMPANY, LIMITED, JP  
[73] CIBA-GEIGY AG, CH  
[22] 1991-03-01  
[30] JP (2-50761) 1990-03-01

[11] 2,038,051  
[13] C  
[51] Int.Cl. 5C08J 9/06 5C07C 19/02  
5C07C 19/08 5C07C 9/14  
[25] EN  
[54] AZEOTROPES AND THE USE  
THEREOF IN THE PRODUCTION OF  
RIGID FOAMS  
[54] AZEOTROPES ET UTILISATION  
DE CES DERNIERS DANS LA  
PRODUCTION DE MOUSSES RIGIDES  
[72] Doerge, Herman P., US  
[72] Spitler, Keith G., US  
[72] Mortimer, Charles E., US  
[73] BAYER CORPORATION, US  
[22] 1991-03-12  
[30] US (07/505,813) 1990-04-06

[11] 2,038,740  
[13] C  
[51] Int.Cl. 5C07H 13/02  
[25] EN  
[54] SELECTIVE 6-ACYLATION OF  
SUCROSE MEDIATED BY CYCLIC  
ADDUCTS OF DIALKYL TIN OXIDES  
AND DIOLS  
[54] 6-ACYLATION SELECTIVE DU  
SUCROSE POUR L'INTERMEDIAIRE  
DE COMPOSES D'ADDITION  
CYCLIQUES A BASE D'OXYDES DE  
DIALKYLETAINE ET DE DIOLS  
[72] Walkup, Robert E., US  
[72] Vernon, Nicholas M., US  
[72] Wingard, Robert E., Jr., US  
[73] Noramco, Inc., US  
[22] 1991-03-21  
[30] US (499,731) 1990-03-23

[11] 2,039,327  
[13] C  
[51] Int.Cl. 5C07C 209/48 5C07C 211/35  
[25] EN  
[54] PREPARATION OF 2-(3-  
AMINOPROPYL)-  
CYCLOALKYLAMINES  
[54] PREPARATION DE 2-(3-  
AMINOPROPYL)CYCLOALCANAMIN  
ES  
[72] Koppenhoefer, Gerhard, DE  
[72] Harder, Wolfgang, DE  
[72] Lermer, Helmut, DE  
[72] Koehler, Ulrich, DE  
[72] Merger, Franz, DE  
[72] Witzel, Tom, DE  
[72] Priester, Claus-Ulrich, DE  
[73] BASF AKTIENGESELLSCHAFT, DE  
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[30] DE (P 40 10 254.8) 1990-03-30

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[11] **2,039,655**  
[13] C

[51] **Int.Cl. 5A61M 37/00**  
[25] EN  
[54] **SHEET FOR CONTAINING MICRONIZED POWDERED MEDICAMENT**  
[54] **FEUILLE POUR CONTENIR UN MEDICAMENT EN POUDRE MICROFINE**  
[72] Velasquez, David J., US  
[72] Hodson, Peter D., US  
[72] Calhoun, Clyde D., US  
[73] ASTRA AKTIEBOLAG, SE  
[22] 1991-04-03  
[30] US (516,327) 1990-04-30

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[11] **2,039,666**  
[13] C

[51] **Int.Cl. 5C08L 27/12 5C08L 27/00**  
[25] EN  
[54] **CHLOROTRIFLUOROETHYLENE/PERFLUORO (ALKYL VINYL ETHER) COPOLYMER**  
[54] **COPOLYMERE DE CHLOROTRIFLUOROETHYLENE/PERFLUORO (ALKYL VINYLETHER)**  
[72] Ihara, Kiyohiko, JP  
[72] Yamaguchi, Fumihiko, JP  
[73] DAIKIN INDUSTRIES LTD., JP  
[22] 1991-04-03  
[30] JP (90894/1990) 1990-04-04

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[11] **2,040,058**  
[13] C

[51] **Int.Cl. 5C07H 5/06 5A61K 31/13 5A61K 31/16 5C07C 215/44 5A61K 31/70**  
[25] EN  
[54] **ALPHA-MANNOSIDASE AND FUCOSIDASE INHIBITORS**  
[54] **INBITEURS DE L'ALPHA-MANNOSIDASE ET DE LA FUCOSIDASE**  
[72] Farr, Robert A., US  
[72] Peet, Norton P., US  
[73] AVENTIS PHARMA INC., CA  
[22] 1991-04-08  
[30] US (508,875) 1990-04-12

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[11] **2,040,150**  
[13] C

[51] **Int.Cl. 5C11D 1/29 5C11D 7/02 5C11D 3/08 5C11D 7/10 5C11D 7/22 5A01N 25/30**  
[25] EN  
[54] **CONCENTRATED AQUEOUS SURFACTANTS**  
[54] **SURFACTANTS AQUEUX CONCENTRES**  
[72] Hawkins, John, GB  
[72] Hodgetts, Robert, GB  
[72] Nicholson, William John, GB  
[72] Messenger, Edward Tunstall, GB  
[73] HUNTSMAN INTERNATIONAL LLC, US  
[22] 1991-04-10  
[30] GB (9008120.9) 1990-04-10  
[30] GB (9105788.5) 1991-03-19

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[11] **2,040,186**  
[13] C

[51] **Int.Cl. 5B29C 63/34 5F16L 58/04 5B32B 1/08 5B32B 27/12 5B29C 63/20**  
[25] EN  
[54] **LINING MATERIAL FOR PIPE LINES AND A PROCESS FOR PROVIDING PIPE LINES THEREWITH**  
[54] **MATERIAU DE REVETEMENT INTERIEUR POUR CANALISATIONS ET PROCEDE DE MISE EN PLACE**  
[72] Imoto, Takayoshi, JP  
[72] Seshimo, Masahiro, JP  
[72] Makimoto, Futoshi, JP  
[72] Kitagawa, Eiji, JP  
[73] Ashimori Industry Co., Ltd., JP  
[73] Ashimori Engineering Co., Ltd., JP  
[22] 1991-04-10  
[30] JP (95880) 1990-04-10

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[11] **2,040,708**  
[13] C

[51] **Int.Cl. 5A61M 25/00**  
[25] EN  
[54] **COLLAPSIBLE LUMEN CATHETER FOR EXTRACORPOREAL TREATMENT**  
[54] **CATHETER COMPRESSIBLE POUR SOINS EXTRACORPORELS**  
[72] Uldall, Peter Robert, CA  
[72] DeBruyne, Michael Paul, US  
[73] Cook Incorporated, US  
[22] 1991-04-17  
[30] US (513,491) 1990-04-20

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[11] **2,040,835**  
[13] C

[51] **Int.Cl. 5H01J 61/30 5H01J 61/02**  
[25] EN  
[54] **COMPACT FLUORESCENT LAMP AND BASE COMBINATION, AND METHOD OF LAMP-BASE ASSEMBLY**  
[54] **BLOC COMPACT LAMPE FLUORESCENTE/CULOT, ET METHODE D'ASSEMBLAGE CONNEXE**  
[72] Wittmann, Horst, DE  
[73] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUHLAMPEN MBH, DE  
[22] 1991-04-19  
[30] DE (P 40 12 684.6) 1990-04-20

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[11] **2,043,625**  
[13] C

[51] **Int.Cl. 5A61K 7/00**  
[25] EN  
[54] **SKIN PREPARATIONS FOR EXTERNAL USE**  
[54] **PREPARATIONS CUTANEEES POUR USAGE EXTERNE**  
[72] Koga, Kunimasa, JP  
[72] Kobayashi, Takumi, JP  
[72] Fujikawa, Shigeaki, JP  
[72] Sawada, Masako, JP  
[73] SUNTORY LIMITED, JP  
[22] 1991-05-31  
[30] JP (142845/1990) 1990-05-31

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[11] **2,043,743**  
[13] C

[51] **Int.Cl. 5C07C 68/00 5C07C 69/96**  
[25] EN  
[54] **PROCESS FOR PRODUCING DIMETHYL CARBONATE**  
[54] **METHODE DE PREPARATION DE CARBONATE DE DIMETHYLE**  
[72] Di Muzio, Nicola, IT  
[72] Fusi, Carlo, IT  
[72] Rivetti, Franco, IT  
[72] Sasselli, Giacomo, IT  
[73] Enichem Synthesis S.p.A., IT  
[22] 1991-06-03  
[30] IT (20530 A/90) 1990-06-04

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[13] C

[51] Int.Cl. 5C08L 5/00 5C08L 47/00  
5C08L 95/00 5C08L 53/02

[25] FR

[54] EMULSION DE LIANT  
BITUMINEUX A VISCOSITE  
CONTROLEE PAR ADDITION DE  
SCLEROGLUCANE

[54] SCLEROGLUCANE-ADDED  
VISCOSITY-CONTROLLED  
BITUMINOUS BINDER EMULSION

[72] Chaverot, Pierre, FR

[72] Demangeon, Francis, FR

[72] Huet, Yves, FR

[73] Koch Enterprises, Inc., US

[85] 1991-06-25

[86] 1990-10-25 (PCT/FR90/00771)

[87] (WO91/06606)

[30] FR (89 14 052) 1989-10-26

[11] 2,045,404  
[13] C

[51] Int.Cl. 5F16C 3/00

[25] EN

[54] CONNECTION ELEMENT FOR A  
ROD

[54] ELEMENT DE RACCORDEMENT  
POUR BIELLE

[72] Strässle, Marcel, CH

[73] Syma Intercontinental AG, CH

[85] 1991-07-17

[86] 1991-02-13 (PCT/CH91/00039)

[87] (WO91/12383)

[30] CH (506/90-6) 1990-02-16

[11] 2,046,310  
[13] C

[51] Int.Cl. 5A61K 9/00 5A61J 3/00

[25] EN

[54] PREPARATION OF  
PHARMACEUTICAL AND OTHER  
MATRIX SYSTEMS BY SOLID-STATE  
DISSOLUTION

[54] PREPARATION D'UN PRODUIT  
PHARMACEUTIQUE ET AUTRES  
SYSTEMES MATRICIELS PAR  
DISSOLUTION EN PHASE SOLIDE

[72] Gole, Dilip J., US

[72] Levinson, R. Saul, US

[72] Davies, J. Desmond, US

[72] Carbone, James, US

[73] Janssen Pharmaceutica Inc., US

[85] 1991-08-08

[86] 1990-12-11 (PCT/US90/07319)

[87] (WO91/09591)

[30] US (454,938) 1989-12-22

[30] US (613,087) 1990-11-06

[11] 2,046,557  
[13] C

[51] Int.Cl. 5A47J 31/40 5A47J 31/06

[25] EN

[54] A PROCESS AND AN APPARATUS  
FOR THE EXTRACTION OF SEALED  
CARTRIDGES

[54] APPAREIL D'EXTRACTION DE  
CARTOUCHES SCELLEES ET  
PROCEDE CONNEXE

[72] Fond, Olivier, CH

[73] SOCIETE DES PRODUITS NESTLE  
S.A., CH

[22] 1991-07-09

[30] EP (90114401.4) 1990-07-27

[11] 2,047,428  
[13] C

[51] Int.Cl. 5G03F 7/34 5G03F 7/027

5G03F 7/039 5G03F 7/20

[25] EN

[54] FLEXOGRAPHIC PRINTING  
PLATE PROCESS

[54] PROCEDE D'IMPRESSON PAR  
CLICHE FLEXOGRAPHIQUE

[72] Martens, John A., US

[73] DUPONT OPERATIONS

WORLDWIDE, INC., US

[22] 1991-07-19

[30] US (558,301) 1990-07-26

[11] 2,047,496  
[13] C

[51] Int.Cl. 5C07D 403/02 5C07D 235/04  
5C07D 471/04 5C07D 413/12 5C07D 401/  
14 5C07D 403/14 5C07D 417/14 5A61K 31/  
415 5A61K 31/435 5A61K 31/495 5A61K  
31/55

[25] EN

[54] BENZIMIDAZOLES,  
PHARMACEUTICAL COMPOSITIONS  
CONTAINING THESE COMPOUNDS  
AND PROCESSES FOR PREPARING  
THEM

[54] BENZIMIDAZOLES,  
COMPOSITIONS

PHARMACEUTIQUES QUI EN  
CONTIENNENT ET LEURS MODES DE  
PREPARATION

[72] Narr, Berthold, DE

[72] Huel, Norbert, DE

[72] Entzeroth, Michael, DE

[72] van Meel, Jacques, DE

[72] Wienen, Wolfgang, DE

[72] Ries, Uwe, DE

[73] Dr. Karl Thomae Gesellschaft mit  
beschränkter Haftung, DE

[22] 1991-07-22

[30] DE (P 40 23 369.3) 1990-07-23

[30] DE (P 40 31 287.9) 1990-10-04

[30] DE (P 41 05 324.9) 1991-02-20

[11] 2,047,729  
[13] C

[51] Int.Cl. 5C07C 41/06 5C07C 43/15  
5C07C 43/215

[25] EN

[54] CONTINUOUS PROCESS FOR THE  
TELOMERIZATION OF CONJUGATED  
DIENES

[54] PROCEDE DE TELOMERISATION  
EN CONTINU DE DIENES CONJUGES

[72] Schaart, Barend J., NL

[72] Pelt, Hendrik L., NL

[72] Jacobsen, Grant B., NL

[73] THE DOW CHEMICAL COMPANY,  
US

[85] 1991-08-27

[86] 1990-12-21 (PCT/EP90/02263)

[87] (WO91/09822)

[30] NL (8903182) 1989-12-29

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[11] **2,048,407**  
[13] C

[51] **Int.Cl. 6C07K 7/23 6A61K 38/09**  
[25] EN  
[54] **GONADOLIBERIN ANTAGONISTS  
GONADOLIBERINE**  
[72] König, Wolfgang, DE  
[72] Sandow, Jurgen, DE  
[72] Kolar, Cenek, DE  
[73] HOECHST AKTIENGESELLSCHAFT,  
DE  
[22] 1991-08-02  
[30] DE (P 40 24 779.1) 1990-08-04

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[11] **2,048,564**  
[13] C

[51] **Int.Cl. 5G02B 5/28**  
[25] EN  
[54] **OPTICALLY VARIABLE  
INTERFERENCE DEVICE WITH PEAK  
SUPPRESSION AND METHOD  
[54] DISPOSITIF ANTIPARASITE A  
VARIATION OPTIQUE ET A  
SUPPRESSION DE CRETES, ET  
METHODE DE FABRICATION**  
[72] Coombs, Paul Graham, US  
[72] Phillips, Roger W., US  
[73] FLEX PRODUCTS INC., US  
[22] 1991-08-07  
[30] US (568,419) 1990-08-16

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[11] **2,049,328**  
[13] C

[51] **Int.Cl. 5B23K 26/00 5B23K 26/12  
5H01M 6/18**  
[25] FR  
[54] **PROCEDE ET DISPOSITIF DE  
DECOUPE D'UN ENSEMBLE  
MULTICOUCHE CONSTITUE D'UNE  
PLURALITE DE COUCHES MINCES ET  
CONSISTANT EN UN GENERATEUR  
ELECTROCHIMIQUE EN COUCHES  
MINCES OU EN UNE PARTIE  
CONSTITUTIVE D'UN TEL  
GENERATEUR**  
[54] **PROCESS AND DEVICE FOR  
CUTTING A MULTILAYER ASSEMBLY  
FORMED OF A PLURALITY OF THEN  
LAYERS AND CONSISTING OF A THEN  
LAYER ELECTROCHEMICAL  
GENERATOR OR OF A PART OF SUCH  
GENERATOR**  
[72] Müller, Daniel, FR  
[72] Kapfer, Bruno, CA  
[73] SOCIÉTÉ NATIONALE ELF  
AQUITAIN (PRODUCTION), FR  
[73] HYDRO-QUEBEC, CA  
[85] 1991-09-27  
[86] 1991-01-29 (PCT/FR91/00051)  
[87] (WO91/11287)  
[30] FR (90.01049) 1990-01-30

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[11] **2,049,368**  
[13] C

[51] **Int.Cl. 5A61K 31/34 7A61P 7/02  
7A61P 9/10 7A61P 25/28 7A61K 31/343**  
[25] EN  
[54] **TREATMENT OF CEREBRO-  
VASCULAR DISORDERS  
[54] TRAITEMENT DES TROUBLES  
CEREBROVASCULAIRES**  
[72] Tanaka, Yoshiaki, JP  
[72] Ikeda, Yugo, JP  
[72] Kobayashi, Naomi, JP  
[72] Kurimoto, Tadashi, JP  
[73] H. Lundbeck A/S, DK  
[22] 1991-08-16  
[30] DK (2132/90) 1990-09-06

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[11] **2,051,181**  
[13] C

[51] **Int.Cl. 5H05B 33/00**  
[25] EN  
[54] **ELECTROLUMINESCENT LIGHT  
STRIP**  
[54] **REGLETTE D'ECLAIRAGE  
ELECTROLUMINESCENT**  
[72] Gustafson, Thomas Lloyd, US  
[72] Brookman, Marc Arthur, US  
[73] STANDARD PRODUCTS COMPANY  
(THE), US  
[22] 1991-09-11  
[30] US (668,862) 1991-03-13

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[11] **2,051,686**  
[13] C

[51] **Int.Cl. 5H01L 27/02 5G11C 11/40  
5H01L 21/70 5H01L 29/78**  
[25] EN  
[54] **SINGLE TRANSISTOR NON-  
VOLATILE ELECTRICALLY  
ALTERABLE SEMICONDUCTOR  
MEMORY DEVICE WITH A RE-  
CRYSTALLIZED FLOATING GATE  
[54] MEMOIRE MONOTRANSISTOR A  
REMANENCE A CONTENU  
MODIFIABLE ELECTRIQUEMENT A  
GRILLE FLOTTANTE  
RECRISTALLISEE**  
[72] Yeh, Bing, US  
[72] Jenq, Ching-Shi, US  
[73] SILICON STORAGE TECHNOLOGY,  
INC., US  
[85] 1991-10-03  
[86] 1991-01-18 (PCT/US91/00433)  
[87] (WO91/11026)  
[30] US (467,907) 1990-01-22  
[30] US (468,003) 1990-01-22  
[30] US (467,918) 1990-01-22

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[11] **2,053,860**  
[13] C

[51] **Int.Cl. 5C07C 315/04 5C07C 317/44**  
[25] EN  
[54] **PROCESS FOR THE  
PREPARATION OF  
ALKANESULFONYLBENZOIC ACIDS  
[54] METHODE DE PREPARATION  
D'ACIDES  
ALCANESULFONYLBENZOIQUES**  
[72] Röhrscheid, Freimund, DE  
[73] CLARIANT GMBH, DE  
[85] 1991-10-28  
[86] 1990-04-21 (PCT/EP90/00646)  
[87] (WO90/13537)  
[30] DE (P 39 14 390.2) 1989-04-29

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[11] 2,054,143  
[13] C

[51] Int.Cl. 5C07D 239/46 5C07D 251/12  
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5C07D 207/46 5A01N 43/54 5C07C 323/56  
5C07D 233/56 5C07C 323/62 5A01N 43/66  
5C07C 69/84

[25] EN

[54] SALICYLIC ACID DERIVATIVES

[54] DERIVES DE L'ACIDE

SALICYLIQUE

[72] Rheinheimer, Joachim, DE

[72] Eicken, Karl, DE

[72] Vogelbacher, Uwe Josef, DE

[72] Westphalen, Karl-Otto, DE

[72] Gerber, Matthias, DE

[72] Walter, Helmut, DE

[73] BASF AKTIENGESELLSCHAFT, DE

[22] 1991-10-24

[30] DE (P 40 34 045.7) 1990-10-26

[11] 2,057,038  
[13] C

[51] Int.Cl. 5B05C 1/02 5B05C 9/04 5B05C  
11/10

[25] EN

[54] APPLICATION OF PRIMER  
COATING

[54] APPLICATION D'UN ENDUIT  
D'APPRET

[72] Keller, Thomas A., US

[72] Krueger, Wallace F., US

[72] Sloma, Robert J., US

[73] Libbey-Owens-Ford Co., US

[85] 1991-11-14

[86] 1991-03-22 (PCT/US91/01928)

[87] (WO91/15305)

[30] US (504,948) 1990-04-05

[11] 2,059,703  
[13] C

[51] Int.Cl. 5B01J 20/02 5B01D 53/04  
5C10K 1/32

[25] EN

[54] SIMULTANEOUS REMOVAL OF  
RESIDUAL IMPURITIES AND  
MOISTURE FROM A GAS

[54] ENLEVEMENT SIMULTANE DES  
IMPURETES ET DE L'HUMIDITE  
RESIDUELLES D'UN GAZ

[72] Audeh, Costandi Amin, US

[72] Hoffman, Barry E., US

[73] MOBIL OIL CORPORATION, US

[22] 1992-01-20

[30] US (643,617) 1991-01-22

[11] 2,055,224  
[13] C

[51] Int.Cl. 5A47K 3/22 5B05B 9/047  
5A62C 13/66

[25] EN

[54] TANK FOR STERILE, PORTABLE,  
SELF-CONTAINED SHOWER AND  
SHOWER EQUIPPED THEREWITH

[54] RESERVOIR POUR UNE DOUCHE  
COMPLETE, STERILE ET

TRANSPORTABLE ET DOUCHE

EQUIPEE DE CE RESERVOIR

[72] Blomet, Joël, FR

[73] Prevor International, FR

[22] 1991-11-08

[30] FR (90 13 926) 1990-11-09

[11] 2,057,442  
[13] C

[51] Int.Cl. 5A61K 7/075

[25] EN

[54] HAIR STYLING COMPOSITION

[54] COMPOSITION DE FIXATIF POUR  
LES CHEVEUX

[72] Gough, Anthony D., GB

[73] UNILEVER PLC, GB

[22] 1991-12-10

[30] EP (90313607.5) 1990-12-13

[11] 2,059,457  
[13] C

[51] Int.Cl. 5H02M 3/156

[25] EN

[54] METHOD FOR MINIMIZING THE  
SWITCHING LOSS IN A POWER  
SWITCH

[54] METHODE PERMETTANT DE  
MINIMISER LA PERTE DE PUISSANCE  
A L'INTERRUPTEUR

[72] Weinberg, Alan, NL

[73] Agence Spatiale Européenne, FR

[22] 1992-01-16

[30] FR (91 00669) 1991-01-22

[11] 2,060,225  
[13] C

[51] Int.Cl. 5H02P 7/62 5H02P 7/67

[25] EN

[54] VELOCITY PI REGULATOR WITH  
NEGATIVE FEEDFORWARD TO  
CONTROL RESPONSE OF COMMAND  
INPUTS INDEPENDENT OF TORQUE  
DISTURBANCES

[54] REGULATEUR DE VELOCITE PI  
AVEC COMMANDE DE CONTRE-  
REACTION AUX SIGNAUX D'ENTREE  
INDEPENDANTE DES  
PERTURBATIONS DE COUPLE

[72] Rehm, Thomas, US

[73] ALLEN-BRADLEY COMPANY INC.,  
US

[22] 1992-01-29

[30] US (649,391) 1991-02-01

[11] 2,055,848  
[13] C

[51] Int.Cl. 5C01B 17/76 5C01B 17/80

[25] EN

[54] COOLED SULPHUR FURNACE  
BYPASS SYSTEM

[54] CIRCUIT DE DERIVATION  
REFROIDI POUR FOUR A SOUFRE

[72] Cameron, Gordon Murray, CA

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[22] 1991-11-19

[11] 2,062,788  
[13] C

[51] Int.Cl. 5C07H 15/236 5C07C 233/47  
5C07D 277/74

[25] EN

[54] IMPROVED PROCESS FOR  
PREPARING ISEPAMICIN  
[54] PROCEDE D'OBTENTION  
D'ISEPAMICINE

[72] Tann, Chou-Hong, US

[72] Thiruvengadam, Tiruvettipuram K., US

[72] Chiu, John S., US

[72] Colon, Cesar, US

[72] Green, Michael D., US

[73] SCHERING CORPORATION, US

[85] 1991-12-20

[86] 1990-06-19 (PCT/US90/03328)

[87] (WO90/15810)

[30] US (369,578) 1989-06-21

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[11] **2,063,248**  
[13] C

[51] **Int.Cl. 5F16L 9/12 5B29C 57/08**  
**5B29C 55/22 5B29C 55/24 5B29C 55/26**  
[25] EN  
[54] **PIPES WITH INTEGRAL SOCKETS**  
[54] **TUYAU COMPORTANT UNE BASE**  
**EMMANCHEE**  
[72] Macovaz, George, AU  
[72] Chapman, Peter Glanville, AU  
[72] Jarvenkyla, Jyri J., FI  
[73] VINIDEX PTY LIMITED, AU  
[73] UPONOR N.V., AN  
[85] 1991-12-23  
[86] 1990-06-21 (PCT/AU90/00265)  
[87] (WO90/15949)  
[30] AU (PJ 4854) 1989-06-21

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[11] **2,063,279**  
[13] C

[51] **Int.Cl. 5B65G 53/66 5B65G 53/34**  
[25] FR  
[54] **PROCEDE ET DISPOSITIF DE**  
**TRAITEMENT DE CHARBON EN**  
**POUDRE DANS UNE INSTALLATION**  
**DE COMBUSTIBLES SOLIDES**  
[54] **METHOD AND APPARATUS FOR**  
**TREATMENT OF POWDERED**  
**CHARCOAL IN SOLID FUEL PLANT**  
[72] Schmit, Louis, LU  
[73] Paul Wurth S.A., LU  
[22] 1992-03-18  
[30] LU (87 810) 1991-03-20

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[11] **2,063,295**  
[13] C

[51] **Int.Cl. 5B01D 12/00**  
[25] EN  
[54] **METHODS AND COMPOSITIONS**  
**FOR DEWATERING AND**  
**SUPPRESSING DUST DURING**  
**PROCESSING OF FINE COAL**  
[54] **METHODE ET COMPOSITION**  
**POUR SEPARER L'EAU DES SOLIDES**  
**ET EMPECHER LA FORMATION DE**  
**POUSSIERE LORS DU TRAITEMENT**  
**DE FINES DE CHARBON**  
[72] Roe, Donald C., US  
[73] BETZDEARBORN INC., US  
[22] 1992-03-18  
[30] US (07/729,522) 1991-07-12

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[11] **2,063,816**  
[13] C

[51] **Int.Cl. 5B01L 3/02**  
[25] EN  
[54] **MULTI-CHANNEL PIPETTER**  
[54] **DISPOSITIF DE PIPETTAGE A**  
**PLUSIEURS CANAUX**  
[72] Torti, Victor A., US  
[72] Nelson, Gary E., US  
[72] Keene, Laurence, US  
[72] Kalmakis, George P., US  
[73] Matrix Technologies Corp., US  
[85] 1992-01-23  
[86] 1990-07-05 (PCT/US90/03777)  
[87] (WO91/01181)  
[30] US (07/385,234) 1989-07-25

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[11] **2,064,587**  
[13] C

[51] **Int.Cl. 5B65D 25/24 5F17C 13/08**  
[25] EN  
[54] **RESTRAINING DEVICE**  
[54] **DISPOSITIF DE RETENUE**  
[72] Moss, Leslie Roy, AU  
[72] Frean, Robert George, AU  
[73] Frean, Robert George, AU  
[85] 1992-02-03  
[86] 1990-08-02 (PCT/AU90/00326)  
[87] (WO91/01929)  
[30] AU (PJ 5582) 1989-08-02  
[30] AU (PJ 7812) 1989-12-11

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[11] **2,067,784**  
[13] C

[51] **Int.Cl. 5H05K 3/28**  
[25] FR  
[54] **PROCEDE ET DISPOSITIF**  
**D'ENCAPSULATION HERMETIQUE**  
**DE COMPOSANTS ELECTRONIQUES**  
[54] **METHOD AND DEVICE FOR**  
**HERMETIC ENCAPSULATION OF**  
**ELECTRONIC COMPONENTS**  
[72] Leroy, Michel, FR  
[72] Val, Christian, FR  
[73] THOMSON-CSF, FR  
[85] 1992-04-21  
[86] 1991-08-23 (PCT/FR91/00688)  
[87] (WO92/03902)  
[30] FR (90/10631) 1990-08-24

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[11] **2,068,018**  
[13] C

[51] **Int.Cl. 5B65B 31/00 5B65B 7/16**  
[25] EN  
[54] **PROCESS TO FORM A PRESSURE**  
**RELEASE HOLE WITH REMOVABLE**  
**SEAL, FOR EASY OPENING, ON**  
**METAL LIDS FOR VACUUM SEALING**  
**OF GLASSES AND OTHER GLASS**  
**CONTAINERS USED TO PACK**  
**FOODSTUFF**  
[54] **METHODE POUR FORMER UN**  
**ORIFICE D'EVACUATION DE**  
**PRESSION AVEC GARNITURE**  
**D'ETANCHEITE DANS UN**  
**COUVERCLE EN METAL**  
[72] Rojek, Arnaldo, BR  
[73] Metalgrafica Rojek Ltda, BR  
[22] 1992-05-05  
[30] BR (9103896) 1991-09-10

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[11] **2,068,411**  
[13] C

[51] **Int.Cl. 5A23G 3/00**  
[25] EN  
[54] **HARD CANDY CONTAINING**  
**XYLITOL AND A PROCESS FOR THE**  
**MANUFACTURE THEREOF**  
[54] **BONBONS DURS CONTENANT DU**  
**XYLITOL ET PROCEDE POUR LEUR**  
**FABRICATION**  
[72] Oravainen, Juha, FI  
[72] Yli-Kyyny, Mauri, FI  
[72] Krüger, Christof, DE  
[73] Xyrofin Oy, FI  
[85] 1992-05-11  
[86] 1990-11-13 (PCT/FI90/00271)  
[87] (WO91/07100)  
[30] FI (895495) 1989-11-17

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[11] **2,068,456**  
[13] C

[51] **Int.Cl. 5H01S 3/101**  
[25] EN  
[54] **OPTICAL SYSTEM FOR**  
**FOCUSING A LIGHT BEAM ON TO AN**  
**IMAGE PLANE**  
[54] **SYSTEME OPTIQUE POUR**  
**FOCALISER UN FAISCEAU**  
**LUMINEUX SUR UN PLAN D'IMAGE**  
[72] Karpol, Avner, IL  
[72] Halevi, Eviatar, IL  
[72] Gross, Abraham, IL  
[73] ORBOTECH LTD., IL  
[22] 1992-05-12  
[30] US (706,658) 1991-05-29

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[11] 2,070,264  
[13] C

[51] **Int.Cl. 5G02B 27/10 5G02B 5/20 5G02B 6/26**  
[25] EN  
[54] **OPTICAL COUPLER/SPLITTER WITH A FILTER**  
[54] **COUPLEUR-REPARTITEUR OPTIQUE MUNI D'UN FILTRE**  
[72] Yanagawa, Hisaharu, JP  
[72] Shimizu, Takeo, JP  
[72] Nakamura, Shiro, JP  
[72] Ohyama, Isao, JP  
[73] THE FURUKAWA ELECTRIC CO., LTD., JP  
[22] 1992-06-02  
[30] JP (3-131165) 1991-06-03

[11] 2,072,014  
[13] C

[51] **Int.Cl. 5H05K 1/18**  
[25] EN  
[54] **LIGHTWEIGHT SEALED CIRCUIT BOARD ASSEMBLY**  
[54] **ENSEMBLE DE CARTES DE CIRCUIT HERMETIQUE ET LEGER**  
[72] Garner, Ronald N., US  
[72] Vernon, Robert D., US  
[73] FOXBORO COMPANY (THE), US  
[85] 1992-06-22  
[86] 1990-12-19 (PCT/US90/07536)  
[87] (WO91/10345)  
[30] US (455,463) 1989-12-22

[11] 2,072,567  
[13] C

[51] **Int.Cl. 5C01B 31/00 5C08K 3/04**  
[25] EN  
[54] **CARBON BLACKS IMPARTING SUPERIOR TREADWEAR/HYSTERESIS PERFORMANCE**  
[54] **NOIRS DE CARBONE AMELIORANT LES CARACTERISTIQUES DE RESISTANCE A L'USURE ET D'HYSTERESE**  
[72] Shieh, Chiung-Huei, US  
[72] Branan, John M., Jr., US  
[72] Bush, Ted W., US  
[72] Sifleet, William L., US  
[72] Mace, Myles L., Jr., US  
[73] Cabot Corporation, US  
[85] 1992-06-26  
[86] 1991-01-08 (PCT/US91/00065)  
[87] (WO91/10618)  
[30] US (462,163) 1990-01-08

[11] 2,074,452  
[13] C

[51] **Int.Cl. 5F24B 1/191**  
[25] EN  
[54] **METHOD AND APPARATUS FOR USE IN INSTALLING A FIRE IN A FIREPLACE IN CONNECTION WITH A FLUE LINER**  
[54] **MECANISME SERVANT A INSTALLER UN FEU DANS UN FOYER A FEU OUVERT, EN COMMUNICATION AVEC UN TUYAU DE CHEMINEE, ET METHODE CONNEXE**  
[72] Whitehouse, Donald, GB  
[73] Valor Limited, GB  
[22] 1992-07-22  
[30] GB (9115858.4) 1991-07-23

[11] 2,075,888  
[13] C

[51] **Int.Cl. 5E21B 43/27**  
[25] EN  
[54] **METHOD OF INHIBITING CORROSION IN ACIDIZING WELLS**  
[54] **METHODE DE PREVENTION DE LA CORROSION LORS DE L'ACIDIFICATION DE Puits**  
[72] Williams, Dennis Alexander, US  
[72] Holifield, Phyllis Kay, US  
[72] Looney, James Robert, US  
[72] McDougall, Lee Allen, US  
[73] NALCO/EXXON ENERGY CHEMICALS, L.P., US  
[22] 1992-08-12  
[30] US (768,060) 1991-09-27

[11] 2,076,117  
[13] C

[51] **Int.Cl. 5F02C 7/20**  
[25] EN  
[54] **GAS TURBINE ENGINE POLYGONAL STRUCTURAL FRAME WITH AXIALLY CURVED PANELS**  
[54] **OSSATURE POLYGONALE POUR TURBINE A GAZ AVEC PANNEAUX RECOURBES DANS LA DIRECTION AXIALE**  
[72] Finn, Martin Thomas, US  
[73] GENERAL ELECTRIC COMPANY, US  
[22] 1992-08-13  
[30] US (760,533) 1991-09-16

[11] 2,077,076  
[13] C

[51] **Int.Cl. 5B65D 19/06**  
[25] EN  
[54] **BULK CONTAINER**  
[54] **CONTENEUR POUR PRODUITS EN VRAC**  
[72] Shuert, Lyle H., US  
[73] Shuert, Lyle H., US  
[85] 1992-08-27  
[86] 1991-03-05 (PCT/US91/01492)  
[87] (WO91/13809)  
[30] US (489,331) 1990-03-05  
[30] US (650,034) 1991-02-04

[11] 2,077,460  
[13] C

[51] **Int.Cl. 5C02F 1/62**  
[25] EN  
[54] **WASTE WATER TREATMENT PROCESS USING IMPROVED RECYCLE OF HIGH DENSITY SLUDGE**  
[54] **PROCEDE DE TRAITEMENT DES EAUX USEES UTILISANT DES BOUES DE RECYCLAGE AMELIORE A HAUTE DENSITE**  
[72] Wentzler, Thomas H., US  
[72] Mishra, Surendra K., US  
[72] Kust, Roger N., US  
[72] Savage, E. Stuart, US  
[73] Tetra Technologies, Inc., US  
[85] 1992-09-02  
[86] 1990-11-30 (PCT/US90/07177)  
[87] (WO91/13833)  
[30] US (488,643) 1990-03-05

**Brevets canadiens délivrés**  
**23 octobre 2001**

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[11] **2,079,189**  
[13] C

[51] **Int.Cl. 5C07D 223/16 5C07D 491/056 5C07D 401/12 5C07D 403/12 5C07D 405/12 5A61K 31/55**  
[25] FR  
[54] **NOUVELLES (BENZOCYCLOALKYL) ALKYLAMINES, LEUR PROCÉDE DE PRÉPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT**  
[54] **(BENZOCYCLOALKYL) ALKYLAMINES, THEIR PREPARATION PROCESS AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM**  
[72] Peglion, Jean-Louis, FR  
[72] Vian, Joel, FR  
[72] Vilaine, Jean-Paul, FR  
[72] Villeneuve, Nicole, FR  
[72] Janiak, Philip, FR  
[72] Bidouard, Jean-Pierre, FR  
[73] ADIR ET COMPAGNIE, FR  
[22] 1992-09-25  
[30] FR (91.11894) 1991-09-27

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[11] **2,079,342**  
[13] C

[51] **Int.Cl. 5C07D 473/30 5C07D 519/00 5C07H 5/06 5A61K 31/52 5A61K 31/535 5A61K 31/70**  
[25] EN  
[54] **MULTI-FUNCTIONAL PHARMACEUTICAL COMPOUNDS AND METHODS OF USE**  
[54] **COMPOSES PHARMACEUTIQUES MULTIFONCTIONNELS, LEUR METHODE DE FABRICATION ET LEURS UTILISATIONS**  
[72] Glasky, Alvin J., US  
[73] Glasky, Alvin J., US  
[85] 1992-09-28  
[86] 1991-03-26 (PCT/US91/02066)  
[87] (WO91/14434)  
[30] US (500,789) 1990-03-28

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[11] **2,079,383**  
[13] C

[51] **Int.Cl. 5G05F 1/12**  
[25] EN  
[54] **MINIMUM TIME DELAY FILTERING METHOD FOR AUTOMATIC VOLTAGE REGULATORS**  
[54] **METHODE DE FILTRAGE A RETARD MINIMUM POUR REGULATEURS DE TENSION**  
[72] Markus, David Robert, US  
[73] EATON CORPORATION, US  
[22] 1992-09-29  
[30] US (769,065) 1991-09-30

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[11] **2,080,343**  
[13] C

[51] **Int.Cl. 5C07D 239/62 5A61K 31/515**  
[25] EN  
[54] **5-BENZYL BARBITURATE DERIVATIVES**  
[54] **DERIVES 5-BENZYLBARBITURATE**  
[72] Naguib, Fardos N. M., US  
[72] El Kouni, Mahmoud H., US  
[72] Panzica, Raymond P., US  
[72] Cha, Sungman, US  
[73] Brown University Research Foundation, US  
[85] 1992-10-09  
[86] 1991-04-12 (PCT/US91/02522)  
[87] (WO91/16315)  
[30] US (508,363) 1990-04-12

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[11] **2,080,824**  
[13] C

[51] **Int.Cl. 5E01C 11/22**  
[25] EN  
[54] **INDUSTRIAL RESTRAINT EDGING SYSTEM FOR SEGMENTED PAVING UNITS**  
[54] **SYSTEME DE RETENUE INDUSTRIEL POUR BLOCS DE PAVAGE**  
[72] Jones, Stephen R., US  
[73] Jones, Stephen R., US  
[85] 1992-10-16  
[86] 1991-04-16 (PCT/US91/02581)  
[87] (WO91/16495)  
[30] US (509,173) 1990-04-16

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[11] **2,082,763**  
[13] C

[51] **Int.Cl. 5B32B 27/08**  
[25] EN  
[54] **THERMOPLASTIC MULTILAYER COMPOSITES**  
[54] **MATERIAUX COMPOSITES MULTICOUCHES, THERMODURCISSABLES**  
[72] Röber, Stefan, DE  
[72] Mügge, Joachim, DE  
[72] Jadamus, Hans, DE  
[73] DEGUSSA-HULS AKTIENGESELLSCHAFT, DE  
[22] 1992-11-12  
[30] DE (P 41 37 434.7) 1991-11-14  
[30] DE (P 42 07 125.9) 1992-03-06

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[11] **2,083,179**  
[13] C

[51] **Int.Cl. 5C07D 261/18 5C07D 277/00 5C07D 413/12 5C07C 255/29 5C07C 255/30 5A61K 31/41 5C07D 239/42 5A61K 31/44 5A61K 31/505 5A61K 31/575 5C07D 317/66 5C07D 213/75**  
[25] EN  
[54] **ISOXAZOLE-4-CARBOXAMIDES AND HYDROXYALKYLIDENECYANOACETAMIDES, PHARMACEUTICALS CONTAINING THESE COMPOUNDS AND THEIR USE**  
[54] **ISOXAZOLE-4-CARBOXAMIDES ET HYDROXYALKYLIDENECYANOACETAMIDES; PRODUITS PHARMACEUTIQUES A BASE DE CES COMPOSES ET LEUR UTILISATION**  
[72] Bartlett, Robert Ryder, DE  
[72] Kaemmerer, Friedrich-Johannes, DE  
[73] AVENTIS PHARMA DEUTSCHLAND GMBH, DE  
[85] 1992-11-17  
[86] 1990-10-24 (PCT/EP90/01800)  
[87] (WO91/17748)  
[30] DE (P 40 16 178.1) 1990-05-18  
[30] DE (P 40 17 020.9) 1990-05-26  
[30] DE (P 40 17 043.8) 1990-05-26

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[11] **2,085,570**  
[13] C  
[51] **Int.Cl. 5C07D 401/00 5C07D 207/08 5A61K 31/40 5A61K 31/44 5C07D 207/48**  
[25] FR  
[54] **NOUVEAUX DERIVES DE PYRROLIDINE , LEUR PROCEDE DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT**  
[54] **PYRROLIDINE DERIVATIVES, PROCESS FOR THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM**  
[72] Lavielle, Gilbert, FR  
[72] Hautefaye, Patrick, FR  
[72] Laubie, Michel, FR  
[72] Verbeuren, Tony, FR  
[73] ADIR ET COMPAGNIE, FR  
[22] 1992-12-16  
[30] FR (91.15851) 1991-12-20

[11] **2,087,395**  
[13] C  
[51] **Int.Cl. 5H04R 7/26**  
[25] EN  
[54] **LOUDSPEAKERS**  
[54] **HAUT-PARLEURS**  
[72] Leach, Patrick Arthur, GB  
[72] Leach, David Ian, GB  
[73] Leach, Patrick Arthur, GB  
[73] Leach, David Ian, GB  
[22] 1993-01-15  
[30] GB (9200774.9) 1992-01-15  
[30] GB (9209345.9) 1992-04-30  
[30] GB (9221133.3) 1992-10-08

[11] **2,087,537**  
[13] C  
[51] **Int.Cl. 5E02D 9/00**  
[25] EN  
[54] **CONCRETE PILE CUTTER**  
[54] **OUTIL DE COUPE POUR PIEUX EN BETON**  
[72] Trudeau, Leon B., CA  
[73] L.B.T. Enterprises Ltd., CA  
[85] 1993-01-18  
[86] 1991-07-17 (PCT/CA91/00250)  
[87] (WO92/01841)  
[30] US (553,387) 1990-07-17

[11] **2,087,606**  
[13] C  
[51] **Int.Cl. 5C07D 403/12 5A61K 31/495**  
[25] EN  
[54] **(2-IMIDAZOLIN-2-YLAMINO) QUINOXALINE DERIVATIVES AND METHODS FOR USING SAME**  
[54] **DERIVES DE (2-IMIDAZOLIN-2-YLAMINO)QUINOXALINE ET METHODES D'UTILISATION**  
[72] Gluchowski, Charles, US  
[73] Allergan Inc., US  
[85] 1993-01-19  
[86] 1991-07-22 (PCT/US91/05155)  
[87] (WO92/02515)  
[30] US (560,776) 1990-07-31

[11] **2,087,798**  
[13] C  
[51] **Int.Cl. 5B23B 3/22**  
[25] EN  
[54] **HIGH SPEED SPINDLE UNIT AND DRIVER**  
[54] **BANC DE BROCHE A HAUTE VITESSE, ET TOC**  
[72] Holtey, James Oliver, US  
[72] Charles, Paul A. S., GB  
[72] Chandrasekaran, Kugalur, US  
[73] INGERSOLL MILLING MACHINE COMPANY (THE), US  
[22] 1993-01-21  
[30] US (824,839) 1992-01-22

[11] **2,089,650**  
[13] C  
[51] **Int.Cl. 5C07F 9/30 5C07F 9/38**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF AMINOMETHANEPHOSPHONIC ACID AND AMINOMETHYLPHOSPHINIC ACIDS**  
[54] **METHODE DE PREPARATION D'ACIDE AMINOMETHANEPHOSPHONIQUE ET D'ACIDES AMINOMETHYLPHOSPHINIQUES**  
[72] Kleiner, Hans-Jerg, DE  
[73] HOECHST AKTIENGESELLSCHAFT, DE  
[85] 1993-02-16  
[86] 1991-08-07 (PCT/EP91/01494)  
[87] (WO92/03449)  
[30] DE (P 40 26 027.5) 1990-08-17

[11] **2,090,229**  
[13] C  
[51] **Int.Cl. 5H01B 1/06 5H05B 3/14**  
[25] EN  
[54] **FLAME RETARDANT CONDUCTIVE POLYMER COMPOSITION DEVICE**  
[54] **DISPOSITIF RENFERMANT UNE COMPOSITION POLYMERIQUE CONDUCTRICE COMME RETARDATEUR DE FLAMME**  
[72] Batliwalla, Neville S., US  
[72] Larkin, Brian S., US  
[73] RAYCHEM CORPORATION, US  
[85] 1993-02-23  
[86] 1991-09-10 (PCT/US91/06533)  
[87] (WO92/04718)  
[30] US (579,757) 1990-09-10

[11] **2,090,618**  
[13] C  
[51] **Int.Cl. 5B04C 5/081**  
[25] EN  
[54] **HIGH EFFICIENCY LIQUID/ LIQUID HYDROCYCLONE**  
[54] **HYDROCYCLONE LIQUIDE-LIQUIDE A HAUT RENDEMENT**  
[72] Kalnins, Charles M., AU  
[73] BAKER HUGHES LIMITED, GB  
[85] 1993-02-26  
[86] 1991-08-27 (PCT/US91/05902)  
[87] (WO92/04123)  
[30] US (574,875) 1990-08-30

[11] **2,091,178**  
[13] C  
[51] **Int.Cl. 5C01B 15/029 5B01J 19/24**  
[25] EN  
[54] **PROCESS AND APPARATUS FOR THE PRODUCTION OF HYDROGEN PEROXIDE FROM HYDROGEN AND OXYGEN**  
[54] **PROCEDE ET APPAREIL DE PRODUCTION DE PEROXYDE D'HYDROGENE A PARTIR D'HYDROGENE ET D'OXYGENE**  
[72] Paoli, Michael A., US  
[73] DU PONT (E. I.) DE NEMOURS AND COMPANY, US  
[85] 1993-03-05  
[86] 1991-09-11 (PCT/US91/06373)  
[87] (WO92/04277)  
[30] US (07/580,523) 1990-09-11

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[11] **2,091,451**  
[13] C

[51] **Int.Cl. 5E04G 5/06 5E04G 5/00 5E04G 5/04**  
[25] EN  
[54] **SCAFFOLD CONNECTION**  
[54] **RACCORD D'ÉCHAFAUDAGE**  
[72] Williams, Joe W., US  
[73] EXCEL MODULAR SCAFFOLD AND LEASING CORPORATION, US  
[85] 1993-04-26  
[86] 1991-06-25 (PCT/US91/04535)  
[87] (WO92/05015)  
[30] US (581,738) 1990-09-13

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[11] **2,092,538**  
[13] C

[51] **Int.Cl. 5G11C 27/00**  
[25] EN  
[54] **INTEGRATED CIRCUIT SYSTEMS AND METHOD FOR ANALOG SIGNAL RECORDING AND PLAYBACK**  
[54] **SYSTEME ET METHODE UTILISANT DES CIRCUITS INTEGRES POUR L'ENREGISTREMENT ET LA LECTURE DE SIGNAUX ANALOGIQUES**  
[72] Blyth, Trevor, US  
[72] Khan, Sakhawat, US  
[72] Simko, Richard, US  
[73] INFORMATION STORAGE DEVICES, INC., US  
[85] 1993-03-25  
[86] 1991-09-25 (PCT/US91/06988)  
[87] (WO92/05562)  
[30] US (588,949) 1990-09-26

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[11] **2,093,201**  
[13] C

[51] **Int.Cl. 5C08L 51/06 5C08L 67/00 5C08L 77/00 5C08L 53/02 5C08L 71/12**  
[25] EN  
[54] **ENGINEERING RESIN-PROPYLENE POLYMER GRAFT COMPOSITION**  
[54] **COMPOSITION POLYMERIQUE GREFFEE DE TYPE RESINE INDUSTRIELLE-PROPYLENE**  
[72] Okamoto, Kelvin T., US  
[72] Eastenson, Kyle D., US  
[72] Guyaniyogi, Suhas C., US  
[73] MONTELL NORTH AMERICA INC., US  
[22] 1993-04-01  
[30] US (07/869,982) 1992-04-16

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[11] **2,094,318**  
[13] C

[51] **Int.Cl. 5B29B 17/02 5B02C 23/20**  
[25] EN  
[54] **METHOD FOR SEPARATING MULTILAYER PLASTICS INTO ITS COMPONENTS**  
[54] **METHODE POUR SEPARER DES PLASTIQUES MULTICOUCHES EN SES DIVERSES COMPOSANTES**  
[72] Boo, H. Khim, US  
[72] Mittendorf, Donald H., US  
[72] Sell, Walter A., US  
[73] POLYONE CORPORATION, US  
[22] 1993-04-19  
[30] US (07/871,781) 1992-04-21

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[11] **2,095,042**  
[13] C

[51] **Int.Cl. 5A61B 17/00**  
[25] EN  
[54] **SURGICAL CLOSURE**  
[54] **FERMETURE CHIRURGICALE**  
[72] Neumann, Martin, DE  
[72] Köckerling, Ferdinand, DE  
[73] Neumann, Martin, DE  
[73] Köckerling, Ferdinand, DE  
[85] 1993-04-27  
[86] 1991-10-31 (PCT/DE91/00849)  
[87] (WO92/07519)  
[30] DE (P 40 34 705.2) 1990-10-31

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[11] **2,096,346**  
[13] C

[51] **Int.Cl. 5A61K 31/71 5A61K 31/495 5A61K 31/55**  
[25] EN  
[54] **COMBINATIONS OF ANTHELMINTICALLY ACTIVE AGENTS**  
[54] **COMBINAISONS D'ANTHELMINTHIQUES**  
[72] Hood, John Dick, GB  
[73] PFIZER INC., US  
[85] 1993-05-14  
[86] 1991-11-11 (PCT/GB91/01982)  
[87] (WO92/08468)  
[30] GB (9024924.4) 1990-11-16

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[11] **2,096,835**  
[13] C

[51] **Int.Cl. 5C10M 139/00 5C10M 129/26**  
[25] EN  
[54] **LUBRICATING GREASE COMPOSITION**  
[54] **COMPOSITION DE GRAISSE LUBRIFIANTE**  
[72] Kumar, Anoop, IN  
[72] Sayanna, Eltepu, IN  
[72] Verma, Amar S., IN  
[72] Naithani, Kanta P., IN  
[72] Rai, Madan M., IN  
[72] Bhatnagar, Akhilesh K., IN  
[73] Indian Oil Corporation Limited, IN  
[22] 1993-05-21

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[11] **2,096,966**  
[13] C

[51] **Int.Cl. 5H04Q 7/04**  
[25] EN  
[54] **MOBILE TELEPHONE NETWORK STRUCTURE**  
[54] **STRUCTURE DU RESEAU DE TELEPHONIE MOBILE**  
[72] Norell, Bror Lennart, SE  
[73] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 1993-05-25  
[86] 1991-12-16 (PCT/SE91/00866)  
[87] (WO92/12603)  
[30] SE (9100117-2) 1991-01-14

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[11] **2,097,518**  
[13] C

[51] **Int.Cl. 5G01N 3/08**  
[25] EN  
[54] **SENSOR, SYSTEM AND METHOD FOR DETERMINING Z-DIRECTIONAL PROPERTIES OF A SHEET**  
[54] **METHODE, DETECTEUR ET SYSTEME DE DETERMINATION DE LA RESISTANCE A LA TRACTION PERPENDICULAIREMENT AU PLAN DE LA FEUILLE**  
[72] Cresson, Thierry M., US  
[72] Goss, John D., US  
[72] Wallace, Barclay W., US  
[73] HONEYWELL-MEASUREX CORPORATION, US  
[85] 1993-06-01  
[86] 1991-12-20 (PCT/US91/09692)  
[87] (WO92/11505)  
[30] US (632,315) 1990-12-21

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[13] C  
[51] **Int.Cl. 5B29C 45/76**  
[25] EN  
[54] **PROCESS FOR CONTROLLING AN INJECTION MOLDING MACHINE**  
[54] **METHODE SERVANT A COMMANDER UN APPAREIL DE MOULAGE PAR INJECTION**  
[72] HEHL, KARL, DE  
[73] HEHL, KARL, DE  
[22] 1993-06-02  
[30] DE (P 42 19 259.5) 1992-06-12

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[11] **2,097,595**  
[13] C  
[51] **Int.Cl. 5H01B 7/00**  
[25] EN  
[54] **ELECTRICAL CABLE**  
[54] **CABLE ELECTRIQUE**  
[72] Norden, Stanley Michael, GB  
[73] RAYCHEM LIMITED, GB  
[85] 1993-06-02  
[86] 1991-12-03 (PCT/GB91/02136)  
[87] (WO92/10840)  
[30] GB (9027110.7) 1990-12-13

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[11] **2,098,379**  
[13] C  
[51] **Int.Cl. 5F24J 2/32**  
[25] EN  
[54] **SOLAR ENERGY COLLECTOR**  
[54] **CAPTEUR SOLAIRE**  
[72] Möller, Holger, FI  
[73] Heliotherm Oy, FI  
[85] 1993-06-14  
[86] 1991-12-17 (PCT/FI91/00392)  
[87] (WO92/11495)  
[30] FI (906338) 1990-12-21

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[11] **2,098,536**  
[13] C  
[51] **Int.Cl. 5C08L 51/06 5C08L 53/02 5C08K 9/06 5C08L 23/16**  
[25] EN  
[54] **GLASS FIBER REINFORCED PROPYLENE POLYMER GRAFT COMPOSITION**  
[54] **COMPOSITION A BASE DE POLYPROPYLENE GREFFE, RENFORCEE AVEC DE LA FIBRE DE VERRE**  
[72] Kilius, Darrel E., US  
[72] Eastenson, Kyle D., US  
[73] MONTELL NORTH AMERICA INC., US  
[22] 1993-06-16  
[30] US (07/903,626) 1992-06-24

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[11] **2,100,465**  
[13] C  
[51] **Int.Cl. 5C21B 7/16**  
[25] EN  
[54] **BLAST PIPE AND TUYERE ARRANGEMENT**  
[54] **MONTAGE DE TUYERE ET CONDUIT DE VENT**  
[72] Sköld, Bror Erik, SE  
[72] Lindfors, Nils Olov, SE  
[72] Wikström, Jan Olov, SE  
[73] SSAB Tunnpilat AB, SE  
[85] 1993-07-13  
[86] 1992-01-17 (PCT/SE92/00026)  
[87] (WO92/13107)  
[30] SE (9100143-8) 1991-01-17

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[11] **2,101,532**  
[13] C  
[51] **Int.Cl. 5E05B 27/00**  
[25] EN  
[54] **INTERCHANGEABLE LOCK CORE CYLINDER**  
[54] **CYLINDRE DE SERRURE INTERCHANGEABLE**  
[72] Smallegan, Jon M., US  
[72] Hensley, Frederick M., US  
[73] Schlage Lock Company, US  
[85] 1993-07-28  
[86] 1992-01-28 (PCT/US92/00707)  
[87] (WO92/13160)  
[30] US (649,538) 1991-01-28

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[11] **2,102,956**  
[13] C  
[51] **Int.Cl. 5G01F 1/00 5G08C 23/00**  
[25] EN  
[54] **ACOUSTIC SYSTEM AND METHOD FOR PERFORMING OPERATIONS IN A WELL**  
[54] **SYSTEME ACOUSTIQUE ET METHODE D'UTILISATION DANS UN Puits DE FORAGE**  
[72] Schultz, Roger L., US  
[72] Holloman, Ricky M., US  
[73] HALLIBURTON COMPANY, US  
[22] 1993-11-12  
[30] US (977,309) 1992-11-13

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[11] **2,103,335**  
[13] C  
[51] **Int.Cl. 5A23G 1/00**  
[25] EN  
[54] **REDUCED CALORIE COCOA BUTTER SUBSTITUTES**  
[54] **SUBSTITUTS DU BEURRE DE CACAO HYPOCALORIQUES**  
[72] Cooper, Charles F., US  
[72] Sekula, Bernard C., US  
[72] Ormsbee, Richard A., US  
[72] Tancibok, Krystyna U., US  
[73] ARCO CHEMICAL TECHNOLOGY, L.P., US  
[73] CPC International Inc., US  
[22] 1993-11-17  
[30] US (145,831) 1993-11-09

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[11] **2,103,656**  
[13] C  
[51] **Int.Cl. 5H05B 6/06**  
[25] EN  
[54] **INDUCTION APPARATUS FOR MELTING METAL ALLOYS**  
[54] **APPAREIL D'INDUCTION POUR FAIRE FONDRE DES ALLIAGES DE METAUX**  
[72] Simcock, John Henry, GB  
[73] INDUCTOTHERM CORP., US  
[22] 1993-08-05  
[30] GB (9216709.7) 1992-08-06

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[11] **2,104,333**  
[13] C  
[51] **Int.Cl. 5G08B 13/24**  
[25] EN  
[54] **DESENSITIZING APPARATUS FOR ELECTROMAGNETIC ARTICLE SURVEILLANCE SYSTEM**  
[54] **APPAREIL DE DESENSIBILISATION POUR SYSTEME DE SURVEILLANCE ELECTROMAGNETIQUE**  
[72] Zarembo, Peter J., US  
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[22] 1993-08-18  
[30] US (07/940007) 1992-09-03

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[13] C

[51] **Int.Cl. 5G01F 1/68 5G01P 5/10**  
[25] EN  
[54] **DEVICE FOR MEASURING A GAS FLOW, AND METHOD FOR USING THE DEVICE**  
[54] **DISPOSITIF DE MESURE D'UN ECOULEMENT GAZEUX ET METHODE PERMETTANT D'UTILISER LE DISPOSITIF**  
[72] Johansson, Anders, SE  
[72] Gustavsson, Lennart, SE  
[73] ABB FLÅKT AB, SE  
[85] 1993-08-20  
[86] 1992-03-19 (PCT/SE92/00169)  
[87] (WO92/16848)  
[30] SE (9100867-2) 1991-03-22

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[11] **2,104,696**  
[13] C

[51] **Int.Cl. 5B60C 23/04**  
[25] EN  
[54] **TIRE MONITORING APPARATUS AND METHOD**  
[54] **APPAREIL UTILISE POUR SURVEILLER DES PNEUS, ET METHODE CONNEXE**  
[72] BOWLER, Paul Ralph, CA  
[72] MACKAY, John, CA  
[72] LAMMERS, Shawn David, CA  
[72] FULTON, Robert Harry, CA  
[73] SMARTIRE SYSTEMS INC., CA  
[85] 1993-08-23  
[86] 1992-02-20 (PCT/CA92/00072)  
[87] (WO92/14620)  
[30] US (07/658,025) 1991-02-21

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[11] **2,105,133**  
[13] C

[51] **Int.Cl. 5B01J 23/90 5C07C 1/04 5B01J 38/10**  
[25] EN  
[54] **REJUVENATION OF HYDROCARBON SYNTHESIS CATALYST**  
[54] **RESTAURATION D'UN CATALYSEUR DESTINE A LA SYNTHESE D'HYDROCARBURES**  
[72] Mitchell, Willard Neal, US  
[73] EXXON RESEARCH AND ENGINEERING COMPANY, US  
[22] 1993-08-30  
[30] US (949,934) 1992-09-24

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[13] C

[51] **Int.Cl. 5B22D 17/00 5B22D 18/02 5B22D 17/30**  
[25] EN  
[54] **ALUMINUM-BASED ALLOY CAST PRODUCT AND PROCESS FOR PRODUCING THE SAME**  
[54] **PIECE COULEE EN ALLIAGE A BASE D'ALUMINIUM ET PROCEDE DE FABRICATION**  
[72] Shiina, Haruo, JP  
[72] Saito, Nobuhiro, JP  
[72] Nakamura, Takeyoshi, JP  
[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[85] 1993-09-10  
[86] 1993-01-12 (PCT/JP93/00030)  
[87] (WO93/13895)  
[30] JP (21628/92) 1992-01-13  
[30] JP (21629/92) 1992-01-13  
[30] JP (21630/92) 1992-01-13  
[30] JP (86100/92) 1992-03-10  
[30] JP (86101/92) 1992-03-10

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[11] **2,106,479**  
[13] C

[51] **Int.Cl. 5A61K 7/02 5A61K 9/107 5A61K 7/48**  
[25] FR  
[54] **EMULSION EAU-DANS-HUILE STABLE AU COURS DU TEMPS A HAUTE TENEUR EN SILICONE**  
[54] **STABLE WATER IN OIL EMULSION WITH HIGH SILICONE CONTENT**  
[72] Bara, Isabelle, FR  
[72] Mellul, Myriam, FR  
[73] L'OREAL, FR  
[85] 1993-09-17  
[86] 1993-01-27 (PCT/FR93/00078)  
[87] (WO93/14742)  
[30] FR (92/00816) 1992-01-27

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[13] C

[51] **Int.Cl. 5C07D 311/58 5C07D 405/04 5C07D 407/04 5C07D 409/04 5C07H 13/04 5A61K 31/35 5C07F 9/655 5A61K 31/665 5A61K 31/70**  
[25] FR  
[54] **NOUVEAUX DERIVES CHROMENIQUES A CHAINE LATERALE TRIENIQUE, LEUR PROCEDE DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES LES RENFERMANT**  
[54] **CHROMENIC DERIVATIVES HAVING A TRIENE LATERAL CHAIN, PROCESS FOR THE PREPARATION THEREOF AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM**  
[72] Brion, Jean-Daniel, FR  
[72] Le Baut, Guillaume, FR  
[72] Poissonnet, Guillaume, FR  
[72] De Montarby, Lucy, FR  
[72] Belachmi, Larbi, FR  
[72] Bonnet, Jacqueline, FR  
[72] Sabatini, Massimo, FR  
[72] Tordjman, Charles, FR  
[73] ADIR ET COMPAGNIE, FR  
[22] 1993-09-28  
[30] FR (92 11591) 1992-09-29  
[30] FR (92 11592) 1992-09-29

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[13] C

[51] **Int.Cl. 5C07D 277/34 5C07D 417/02 5A61K 31/425 5A61K 31/44 5A61K 31/495**  
[25] FR  
[54] **NOUVEAUX COMPOSES DE THIAZOLIDINE DIONE, LEUR PROCEDE DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES LES CONTENANT**  
[54] **THIAZOLIDINE DIONE COMPOUNDS, PROCESS FOR PREPARING SAME AND PHARMACEUTICAL COMPOSITIONS CONTAINING SAME**  
[72] Regnier, Gilbert, FR  
[72] Duhault, Jacques, FR  
[72] Charton, Yves, FR  
[72] Espinal, Joseph, FR  
[73] ADIR ET COMPAGNIE, FR  
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[30] FR (92.12123) 1992-10-12

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[11] **2,110,589**  
[13] C  
[51] **Int.Cl. 5H04B 7/26 5H04K 1/00**  
[25] EN  
[54] **SPREAD SPECTRUM WIRELESS TELEPHONE SYSTEM**  
[54] **SYSTEME DE TELEPHONIE SANS FIL A ETALEMENT DU SPECTRE**  
[72] Vanderpool, Jeffrey Scott, US  
[73] XIRCOM WIRELESS, INC., US  
[85] 1993-12-02  
[86] 1992-06-02 (PCT/US92/04478)  
[87] (WO92/22156)  
[30] US (709,712) 1991-06-03  
[30] US (712,239) 1991-06-07

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[11] **2,112,451**  
[13] C  
[51] **Int.Cl. 5G01R 23/165**  
[25] EN  
[54] **CIRCUIT ANALYZING SYSTEM**  
[54] **SYSTEME D'ANALYSE DE CIRCUIT**  
[72] Gershen, Bernard, US  
[72] Lombardi, Alfred J., US  
[72] Meehan, James E., CA  
[72] Rosenbaum, Saul, US  
[73] LEVITON MANUFACTURING CO., INC., US  
[22] 1993-12-24  
[30] US (08/001,885) 1993-01-08

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[13] C  
[51] **Int.Cl. 5D04H 1/56 5A47G 9/00**  
[25] EN  
[54] **CUSHIONING NET STRUCTURE AND PRODUCTION THEREOF**  
[54] **FILET AMORTISSEUR ET METHODE DE PRODUCTION CONNEXE**  
[72] Isoda, Hideo, JP  
[72] Nishida, Takashi, JP  
[73] Toyo Boseki Kabushiki Kaisha, JP  
[22] 1994-02-25  
[30] JP (37218/1993) 1993-02-26  
[30] JP (167110/1993) 1993-07-06

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[11] **2,111,203**  
[13] C  
[51] **Int.Cl. 5H02K 49/10 5F02B 75/32**  
[25] EN  
[54] **MAGNETIC DEVICE FOR CONVERTING RECIPROCATING INTO ROTATING MOTION**  
[54] **DISPOSITIF MAGNETIQUE SERVANT A TRANSFORMER LE MOUVEMENT ALTERNATIF EN MOUVEMENT ROTATIF**  
[72] Rigazzi, Pier Andrea, CH  
[73] Rigazzi, Pier Andrea, CH  
[85] 1993-12-10  
[86] 1992-06-29 (PCT/EP92/01462)  
[87] (WO93/01647)  
[30] CH (1978/91-4) 1991-07-03

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[13] C  
[51] **Int.Cl. 5H02K 41/02 5H01F 7/06**  
[25] EN  
[54] **LINEAR ACCELERATOR**  
[54] **ACCELERATEUR LINEAIRE**  
[72] Heidelberg, Götz, DE  
[72] Ehrhart, Peter, DE  
[72] Reiner, Gerhard, DE  
[72] Gründl, Andreas, DE  
[73] Magnet-Motor Gesellschaft für magnetmotorische Technik mbH, DE  
[85] 1994-01-07  
[86] 1992-07-07 (PCT/EP92/01530)  
[87] (WO93/01645)  
[30] DE (P 41 22 601.1) 1991-07-08

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[11] \* **2,116,592**  
[13] C  
[51] **Int.Cl. 5A01B 59/06 5E01H 5/06 5A01B 35/20**  
[25] EN  
[54] **A UNIVERSAL/MULTI-PURPOSE ATTACHMENT FOR TRACTORS (CHORE MASTER)**  
[54] **PIECE D'EQUIPEMENT POUR TRACTEURS A USAGES MULTIPLES**  
[72] Strub, Laverne H., CA  
[73] Strub, Laverne H., CA  
[22] 1994-02-28

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[11] **2,112,116**  
[13] C  
[51] **Int.Cl. 5B31F 1/20 5B31F 1/28**  
[25] EN  
[54] **MANUFACTURING CORRUGATED BOARD**  
[54] **CARTON ONDULE PREFABRIQUE**  
[72] Shaw, Neil William, AU  
[72] Padanyi, Zsolt Victor, AU  
[72] Mutimer, Frederick John, AU  
[73] Amcor Limited, AU  
[85] 1993-12-21  
[86] 1992-08-18 (PCT/AU92/00439)  
[87] (WO93/03913)  
[30] AU (PK 7849) 1991-08-19  
[30] AU (PK 9949) 1991-12-10

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[13] C  
[51] **Int.Cl. 5H01L 21/205 5C30B 25/00 5C30B 29/06 5C30B 25/16**  
[25] EN  
[54] **COMPOUND SEMI-CONDUCTORS AND CONTROLLED DOPING THEREOF**  
[54] **SEMICONDUCTEURS COMPOSES ET DOPAGE CONTROLE DE CES MATERIAUX**  
[72] Larkin, David J., US  
[72] Neudeck, Philip G., US  
[72] Powell, J. Anthony, US  
[72] Matus, Lawrence G., US  
[73] Ohio Aerospace Institute, US  
[22] 1994-01-12  
[30] US (08/008,650) 1993-01-25

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[11] **2,125,043**  
[13] C  
[51] **Int.Cl. 6C07K 7/06 6C07K 17/02 5C12N 5/02 6A61K 38/08 6C07K 7/08 6A61K 38/10**  
[25] EN  
[54] **HEPARIN- AND SULFATIDE-BINDING PEPTIDES FROM THE TYPE I REPEATS OF HUMAN THROMBOSPONDIN**  
[54] **PEPTIDES LIANT L'HEPARINE ET LE SULFATIDE DERIVES DE SEQUENCES REPETEES DE TYPE I DE LA THROMBOSPONDINE HUMAINE**  
[72] Roberts, David D., US  
[72] Guo, Nenghua, US  
[72] Krutzsch, Henry C., US  
[73] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, REPRESENTED BY THE SECRE, US  
[85] 1994-06-02  
[86] 1992-12-07 (PCT/US92/10496)  
[87] (WO93/11156)  
[30] US (07/801,812) 1991-12-06

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[11] **2,126,227**  
[13] C

[51] **Int.Cl. 5A61B 6/00**  
[25] EN  
[54] **METHOD OF LIVING SYSTEM ORGANISM DIAGNOSTICS AND APPARATUS FOR ITS REALIZATION**  
[54] **METHODE ET DISPOSITIF DE DIAGNOSTIC SUR DES SYSTEMES ET ORGANISMES VIVANTS**  
[72] Godik, Eduard Emmanuilovich, US  
[73] DOBI MEDICAL SYSTEMS, LLC, US  
[85] 1994-06-17  
[86] 1992-12-11 (PCT/RU92/00237)  
[87] (WO93/11704)  
[30] RU (5020307/14) 1991-12-17

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[11] **2,126,472**  
[13] C

[51] **Int.Cl. 5B01D 17/022 5B01D 17/028**  
[25] EN  
[54] **CORROSIVE LIQUID COALESCER**  
[54] **SEPARATEUR DE LIQUIDE CORROSIF**  
[72] Williamson, Kenneth M., US  
[72] Whitney, Scott A., US  
[72] Rausch, Alan R., US  
[73] Pall Corporation, US  
[22] 1994-06-22  
[30] US (08/207,077) 1994-03-08

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[11] **2,129,714**  
[13] C

[51] **Int.Cl. 5B65D 47/06**  
[25] EN  
[54] **DISPENSING UNIT FOR A THREADED NECK BOTTLE**  
[54] **DISTRIBUTEUR POUR BOUTEILLE A COL FILETE**  
[72] Lee, Gary K., US  
[73] Lee, Gary K., US  
[22] 1994-08-08  
[30] US (08/227,730) 1994-04-14

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[11] **2,131,363**  
[13] C

[51] **Int.Cl. 5C22C 19/03**  
[25] EN  
[54] **NICKEL-MOLYBDENUM ALLOYS**  
[54] **ALLIAGES DE NICKEL-MOLYBDENE**  
[72] Klarstrom, Dwaine Leroy, US  
[73] Haynes International, Inc., US  
[85] 1994-09-01  
[86] 1993-02-26 (PCT/GB93/00382)  
[87] (WO93/18194)  
[30] US (844,087) 1992-03-02

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[13] C

[51] **Int.Cl. 5A61M 1/28 5A61M 5/168 5G01F 11/28**  
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[54] **SYSTEME DE DIALYSE PERITONEALE**  
[72] Bryant, Robert J., US  
[72] Kamen, Dean, US  
[72] Vincent, Douglas E., US  
[72] Lanigan, Richard, US  
[72] Spencer, Geoffrey P., US  
[72] Villeneuve, Richard R., US  
[73] Deka Products Limited Partnership, US  
[85] 1994-10-24  
[86] 1994-02-28 (PCT/US94/02129)  
[87] (WO94/20158)  
[30] US (08/026,458) 1993-03-03

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[13] C

[51] **Int.Cl. 5A61K 35/44 5A61K 9/06**  
[25] EN  
[54] **COMBINATIONS OF POLYMERS FOR USE IN PHYSIOLOGICAL TEAR COMPOSITIONS**  
[54] **COMBINAISONS DE POLYMERES DESTINEES A SERVIR DANS DES COMPOSITIONS DE LARMES PHYSIOLOGIQUES**  
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[73] ALCON LABORATORIES, INC., US  
[22] 1994-10-26  
[30] US (170,482) 1993-12-20

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[11] **2,136,143**  
[13] C

[51] **Int.Cl. 5B27K 3/20 5C09K 17/00 5B27K 3/02**  
[25] EN  
[54] **TREATMENT OF WOOD CHIPS AND THE LIKE**  
[54] **PROCEDE POUR LE TRAITEMENT DE COPEAUX DE BOIS ET AUTRES MATIERES SEMBLABLES**  
[72] Heinz, Elroy, CA  
[73] NITRO-GROW INC., CA  
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[51] **Int.Cl. 5H02B 1/40**  
[25] EN  
[54] **MODULAR ELECTRICAL CONNECTOR BOX**  
[54] **BOITIER DE CONNEXION MODULAIRE**  
[72] Almond, Gordon S., CA  
[73] SPIDER MANUFACTURING INC., CA  
[22] 1994-11-30

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[11] **2,137,561**  
[13] C

[51] **Int.Cl. 6C07K 1/113 5A61K 49/00 5B01J 19/12 5A61K 47/48 5G01N 33/531**  
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[54] **PHOTOACTIVATION DE PROTEINES EN VUE DE LEUR CONJUGAISON**  
[72] SYKES, THOMAS R., CA  
[72] Woo, Thomas K., CA  
[72] Qi, Pei, CA  
[72] Noujaim, Antoine A., CA  
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[85] 1994-12-07  
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[87] (WO94/01773)  
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[13] C

[51] **Int.Cl. 5C04B 35/10 5C04B 35/58 5C04B 35/64 5C04B 35/80**  
[25] EN  
[54] **PRESSURELESS SINTERING OF WHISKER REINFORCED ALUMINA COMPOSITES**  
[54] **AGGLOMERATION SOUS VIDE DE COMPOSES D'ALUMINE RENFORCES DE TRICHITES**  
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[72] Rhodes, James F., US  
[73] Advanced Composite Materials Corporation, US  
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[51] **Int.Cl. 6A61K 35/20 6A61K 38/00 6A23C 9/20**  
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[54] **COMPOSITION NUTRITIONNELLE A FAIBLE TAMPON**  
[72] Petschow, Bryon W., US  
[72] Lee, Yung-Hsiung, US  
[73] BRISTOL-MYERS SQUIBB COMPANY, US  
[22] 1995-02-20  
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[11] **2,144,495**  
[13] C  
[51] **Int.Cl. 6C12N 15/10 6C12P 19/34 6C12Q 1/68 6C12Q 1/70**  
[25] EN  
[54] **STRAND DISPLACEMENT AMPLIFICATION USING THERMOPHILIC ENZYMES**  
[54] **AMPLIFICATION DU DEPLACEMENT DES BRINS AU MOYEN D'ENZYMES THERMOPHILES**  
[72] Fraiser, Melinda S., US  
[72] Spargo, Catherine A., US  
[72] Walker, George T., US  
[72] Van Cleve, Mark, US  
[72] Wright, David J., US  
[73] BECTON, DICKINSON AND COMPANY, US  
[22] 1995-03-13  
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[13] C  
[51] **Int.Cl. 6H01F 1/42**  
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[54] **PROCEDE DE PREPARATION D'UN MATERIAU FERROMAGNETIQUE**  
[72] Shimizu, Yo, JP  
[72] Miya, Masaru, JP  
[72] Nagata, Akira, JP  
[73] AGENCY OF INDUSTRIAL SCIENCE & TECHNOLOGY, JP  
[22] 1995-03-29  
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[11] **2,152,475**  
[13] C  
[51] **Int.Cl. 6C07C 39/17 6C07C 37/20**  
[25] EN  
[54] **METHOD OF MAKING 1,1-BIS-(4-HYDROXYPHENYL)-3,3,5-TRIMETHYLCYCLOHEXANE**  
[54] **PROCEDE DE PRODUCTION DE 1,1-BIS-(HYDROXY-4 PHENYL)TRIMETHYL 3,3,5 CYCLOHEXANE**  
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[72] Pugach, Joseph, US  
[72] Rubino, Mark R., US  
[73] Aristech Chemical Corporation, US  
[85] 1995-06-22  
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[30] US (150,893) 1993-11-12

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[11] **2,154,909**  
[13] C  
[51] **Int.Cl. 6H01R 4/34**  
[25] EN  
[54] **CABLE LUG WITH FIXING ELEMENT**  
[54] **COSSE DE CABLE AVEC ATTACHE**  
[72] Mehlberg, Reinhard, DE  
[73] Nedschroef Plettenberg GmbH, DE  
[22] 1995-07-28  
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[13] C  
[51] **Int.Cl. 6C02F 1/32 6C02F 1/78**  
[25] EN  
[54] **WATER PURIFICATION UNIT**  
[54] **EPURATEUR D'EAU**  
[72] Engelhard, Rolf, US  
[73] LIFE SPRING LIMITED PARTNERSHIP, US  
[85] 1995-10-11  
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[30] US (055,264) 1993-04-27

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[13] C  
[51] **Int.Cl. 6A61K 33/00 6A61M 16/18**  
[25] EN  
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[72] Ross, John Alexander Strachan, GB  
[72] Tunstall, Michael Eric, GB  
[72] Rodgers, Robert Colin, GB  
[73] UNIVERSITY OF ABERDEEN, GB  
[85] 1995-10-19  
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[87] (WO94/23727)  
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[11] **2,165,047**  
[13] C  
[51] **Int.Cl. 6F16K 51/00**  
[25] EN  
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[54] **CLAPET ANTI-RETOUR; TROUSSE DE PRELEVEMENT**  
[72] Ackroyd, Rand H., US  
[72] Hofmann, Steven Paul, US  
[73] WATTS REGULATOR COMPANY, [22] 1995-12-12  
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[51] **Int.Cl. 6C08J 3/12**  
[25] EN  
[54] **PROCESS FOR MANUFACTURING THERMOSETTING RESIN PARTICLES**  
[54] **METHODE DE PREPARATION DE PARTICULES DE RESINE THERMODURCISSABLES**  
[72] Sato, Haruhiko, JP  
[72] Harada, Yutaka, JP  
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[13] C

[51] **Int.Cl. 6B65D 75/36 6A61J 1/03 6B65D 83/04**  
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[54] **EMBALLAGE DE TYPE MAGASINS POUR PILULES**  
[72] Renner, Klaus, DE  
[73] KLOCKE VERPACKUNGS-SERVICE GmbH, DE  
[85] 1996-01-11  
[86] 1994-07-08 (PCT/DE94/00793)  
[87] (WO95/03230)  
[30] DE (G 93 11 121.5 U) 1993-07-26  
[30] DE (G 93 13 193.3 U) 1993-09-02

[11] **2,169,816**  
[13] C

[51] **Int.Cl. 6B41J 29/00 6G06F 3/12**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CORRECTING PRINTHEAD, PRINTHEAD CORRECTED BY THIS APPARATUS, AND PRINTING APPARATUS USING THIS PRINTHEAD**  
[54] **METHODE DE CORRECTION DE TETE D'IMPRESSION, APPAREIL CONNEXE, TETE D'IMPRESSION CORRIGEE AVEC UN TEL APPAREIL ET APPAREIL DOTE D'UNE TELLE TETE D'IMPRESSION**  
[72] Hayasaki, Kimiyuki, JP  
[72] Inaba, Masaki, JP  
[73] CANON KABUSHIKI KAISHA, JP  
[22] 1996-02-19  
[30] JP (7-035337) 1995-02-23

[11] **2,169,835**  
[13] C

[51] **Int.Cl. 6H01T 13/54**  
[25] EN  
[54] **AN IMPROVED SPARK PLUG SYSTEM**  
[54] **SYSTEME AMELIORE DE BOUGIE D'ALLUMAGE**  
[72] Callaghan, Daniel Clive, AU  
[73] Sixes and Sevens Pty. Ltd., AU  
[85] 1996-02-19  
[86] 1995-06-19 (PCT/AU95/00352)  
[87] (WO96/01512)  
[30] AU (PM 6571) 1994-07-01

[11] **2,170,194**  
[13] C

[51] **Int.Cl. 6C08L 83/06**  
[25] FR  
[54] **COMPOSITION DE POLYORGANOSILOXANES RETICULABLES**  
[54] **CROSSLINKABLE POLYORGANOSILOXANE COMPOSITION**  
[72] Gaulle, Eric, FR  
[72] Priou, Christian, FR  
[72] Soldat, André, FR  
[73] RHODIA CHIMIE, FR  
[22] 1996-02-23  
[30] FR (95 02 392) 1995-02-24

[11] **2,170,718**  
[13] C

[51] **Int.Cl. 6G01R 29/08**  
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[54] **ELECTROMAGNETIC RADIATION MEASURING APPARATUS**  
[54] **APPAREIL POUR LA MESURE DES RAYONNEMENTS ELECTROMAGNETIQUES**  
[72] Saito, Yutaka, JP  
[72] Okamura, Yukimichi, JP  
[73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[22] 1996-02-29  
[30] JP (7-41620) 1995-03-01

[11] **2,172,390**  
[13] C

[51] **Int.Cl. 6D01F 6/14 6B09B 3/00 6A61L 11/00**  
[25] EN  
[54] **HOT WATER SOLUBLE TOWELS, SPONGES AND GAUZES**  
[54] **SERVIETTES EPONGES ET GAZES SOLUBLES DANS L'EAU CHAUDE**  
[72] Honeycutt, Travis W., US  
[72] Lee, Baosheng, US  
[73] ISOLYSER COMPANY, INC., US  
[85] 1996-03-21  
[86] 1994-11-07 (PCT/US94/12808)  
[87] (WO96/04077)  
[30] US (08/286,814) 1994-08-05

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[13] C

[51] **Int.Cl. 6D01F 6/14 6B09B 3/00 6A61L 11/00**  
[25] EN  
[54] **HOT WATER SOLUBLE TOWELS, SPONGES AND GAUZES**  
[54] **SERVIETTES EPONGES ET GAZES SOLUBLES DANS L'EAU CHAUDE**  
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[72] Lee, Baosheng, US  
[73] ISOLYSER COMPANY, INC., US  
[85] 1996-03-21  
[86] 1994-11-07 (PCT/US94/12808)  
[87] (WO96/04077)  
[30] US (08/286,814) 1994-08-05

[11] **2,173,022**  
[13] C

[51] **Int.Cl. 6E06B 7/00**  
[25] EN  
[54] **TILT DETECTOR FOR ROLL-UP DOOR**  
[54] **DETECTEUR D'INCLINAISON POUR PORTE-RIDEAU**  
[72] Blair, William J., CA  
[73] Blair, William J., CA  
[22] 1996-03-29

[11] **2,173,709**  
[13] C

[51] **Int.Cl. 6B01J 2/02 6B01D 9/00**  
[25] FR  
[54] **PERLES CRISTALLISEES D'UN PRODUIT PRESENTANT LE PHENOMENE DE SURFUSION ET LEUR PROCEDE D'OBTENTION**  
[54] **CRISTALLYED BEAD MADE FROM A SUPERCOOLED PRODUCT, AND PROCESS FOR OBTAINING SAME**  
[72] Le Thiesse, Jean-Claude, FR  
[72] Statiotis, Eraclis, FR  
[73] RHODIA CHIMIE, FR  
[22] 1996-04-09  
[30] FR (95 04 260) 1995-04-10

[11] **2,174,263**  
[13] C

[51] **Int.Cl. 6F16H 3/38**  
[25] EN  
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[54] **MECANISME DE SYNCHRONISATION A AUTO-EXCITATION**  
[72] Braun, Eugene Ralph, US  
[72] Olson, Otis John, US  
[73] EATON CORPORATION, US  
[22] 1996-04-16  
[30] US (448,158) 1995-05-23

[11] **2,174,567**  
[13] C

[51] **Int.Cl. 6C22C 38/50**  
[25] FR  
[54] **ACIER INOXYDABLE AUSTENITIQUE POUR L'ELABORATION NOTAMMENT DE FIL**  
[54] **AUSTENITIC STAINLESS STEEL FOR WINE FORMING**  
[72] Descaves, Frédéric, FR  
[73] UGINE-SAVOIE IMPHY, FR  
[22] 1996-04-19  
[30] FR (95 04 782) 1995-04-21

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[13] C

[51] Int.Cl. 6F24C 3/12 6F23N 1/02  
[25] EN  
[54] AIR TO FUEL RATIO  
ADJUSTMENT DEVICE FOR SEALED-  
COMBUSTION TYPE FIREPLACES  
[54] DISPOSITIF DE REGLAGE DU  
RAPPORT AIR-COMBUSTIBLE POUR  
FOYER A COMBUSTION OPTIMISEE  
[72] Barudi, Samir E., US  
[72] French, John T., US  
[72] Gore, Hardial S., US  
[73] SUPERIOR FIREPLACE COMPANY,  
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[22] 1996-04-22  
[30] US (08/428,019) 1995-04-25

[11] 2,175,410  
[13] C

[51] Int.Cl. 6B41F 35/02 6B41F 35/00  
[25] EN  
[54] DEVICE FOR CLEANING  
PRINTING CYLINDERS  
[54] DISPOSITIF SERVANT A  
NETTOYER DES PLANCHES A  
IMPRIMER  
[72] Göttling, Josef, DE  
[72] Petersen, Godber, DE  
[72] Stamme, Rainer, DE  
[73] MAN ROLAND DRUCKMASCHINEN  
AG, DE  
[22] 1996-04-30  
[30] DE (295 07 416.7) 1995-05-04

[11] 2,176,609  
[13] C

[51] Int.Cl. 6A61F 13/04  
[25] EN  
[54] ORTHOPEDIC CASTING TAPE  
[54] BANDE PLATREE  
ORTHOPEDIQUE  
[72] Freeman, Horace L., US  
[72] Green, Richard, US  
[72] Snipes, James V., US  
[73] CAROLINA NARROW FABRIC  
COMPANY, US  
[73] JOHNSON & JOHNSON  
PROFESSIONAL, INC., US  
[22] 1996-05-14  
[30] US (08/481,912) 1995-06-07

[11] 2,177,189  
[13] C

[51] Int.Cl. 6E02F 3/28 6E02F 5/00  
[25] EN  
[54] MINIATURE, PORTABLE, SELF-  
CONTAINED POWER MACHINE  
[54] MACHINE A MOTEUR  
MINIATURISEE, PORTABLE ET  
AUTONOME  
[72] Rohrbaugh, David J., US  
[73] Rohrbaugh, David J., US  
[22] 1996-05-23  
[30] US (08/478,517) 1995-06-07

[11] 2,178,527  
[13] C

[51] Int.Cl. 6E02F 5/18 6E02F 9/22  
[25] EN  
[54] BORING RAM  
[54] APPAREIL A ACTION  
PERCUTANTE  
[72] Grigorashenko, Vladimir  
Alexandrovich, RU  
[72] Kamensky, Veniamin Viktorovich, RU  
[72] Tupitsin, Sergei Konstantinovich, RU  
[72] Klimenko, Vladimir Alexeevich, RU  
[72] Kurlenya, Mikhail Vladimirovich, RU  
[72] Plavskih, Vladimir Dmitrievich, RU  
[72] Repin, Anatoly Antonovich, RU  
[72] Fetisov, Sergei Jurievich, RU  
[73] Institut Gornogo Dela Sibirskogo  
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[22] 1996-06-07

[11] 2,178,746  
[13] C

[51] Int.Cl. 6H04L 12/56 6H04L 29/04  
[25] EN  
[54] METHOD AND APPARATUS FOR  
CONTROLLING ADMISSION TO A  
COMMUNICATIONS NETWORK  
[54] PROCEDE ET APPAREIL  
PERMETTANT L'ENTREE A UN  
RESEAU DE COMMUNICATIONS  
[72] Key, Peter Bernard, GB  
[72] Atkinson, Andrew David, GB  
[72] Griffiths, Thomas Rhodri, GB  
[73] BRITISH TELECOMMUNICATIONS  
PUBLIC LIMITED COMPANY, GB  
[85] 1996-06-10  
[86] 1994-12-02 (PCT/GB94/02648)  
[87] (WO95/17061)  
[30] GB (9325746.7) 1993-12-16

[11] 2,178,998  
[13] C

[51] Int.Cl. 6C07D 223/10 6C07D 201/08  
[25] FR  
[54] PROCEDE DE PREPARATION DE  
LACTAMES  
[54] PROCESS FOR PREPARING  
LACTAMS  
[72] Gilbert, Laurent, FR  
[72] Laurain, Nathalie, FR  
[72] Leconte, Philippe, FR  
[72] Nedez, Christophe, FR  
[73] RHONE-POULENC FIBER AND  
RESIN INTERMEDIATES, FR  
[22] 1996-06-14  
[30] FR (95 07 446) 1995-06-16

[11] 2,180,706  
[13] C

[51] Int.Cl. 6B65B 11/56  
[25] EN  
[54] ROLL WRAPPING MACHINE  
WITH ROLL ORIENTER AND  
METHOD  
[54] MACHINE A EMBALLER AU  
MOYEN D'UN MATERIAU EN  
ROULEAU AVEC DISPOSITIF  
D'ORIENTATION DE ROULEAU, ET  
METHODE CONNEXE  
[72] Schreiber, John J., Jr., US  
[73] Elsner Engineering Works, Inc., US  
[22] 1996-07-08  
[30] US (582,335) 1996-01-18

[11] 2,182,131  
[13] C

[51] Int.Cl. 6H05F 3/02  
[25] EN  
[54] PORTABLE PROTECTIVE  
GROUNDING MAT  
[54] TAPIS DE MISE A LA TERRE  
[72] White, Richard (Dick), CA  
[72] Krossa, Ted, CA  
[73] KRI-TECH POWER PRODUCTS  
LTD., CA  
[22] 1996-07-26

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[11] **2,183,862**  
[13] C

[51] **Int.Cl. 6A61K 38/11 6A61K 9/22 6A61K 9/52**  
[25] EN  
[54] **STABILIZED COMPOSITION FOR ORAL ADMINISTRATION OF PEPTIDES**  
[54] **COMPOSITION STABILISEE POUR L'ADMINISTRATION DE PEPTIDES PAR VOIE ORALE**  
[72] Fjellestad-Paulsen, Anne, FR  
[72] Ahlm-Söderberg, Christina, SE  
[73] FERRING B.V., NL  
[85] 1996-08-21  
[86] 1995-03-09 (PCT/SE95/00249)  
[87] (WO95/25534)  
[30] SE (9400918-0) 1994-03-18

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[11] **2,186,619**  
[13] C

[51] **Int.Cl. 6H04L 12/56 6H04Q 11/04**  
[25] EN  
[54] **A COMMUNICATION NETWORK CONTROL METHOD AND APPARATUS**  
[54] **PROCEDE ET DISPOSITIF DE COMMANDE DESTINES A UN RESEAU DE COMMUNICATIONS**  
[72] Key, Peter Bernard, GB  
[72] Griffiths, Thomas Rhodri, GB  
[72] Gibbens, Richard John, GB  
[72] Kelly, Francis Patrick, GB  
[73] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB  
[85] 1996-09-26  
[86] 1995-04-11 (PCT/GB95/00823)  
[87] (WO95/28787)  
[30] EP (94302619.5) 1994-04-13

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[11] **2,187,821**  
[13] C

[51] **Int.Cl. 6C08G 69/04 6C08L 77/00 6D01F 6/60**  
[25] EN  
[54] **INHERENTLY LIGHT- AND HEAT-STABILIZED POLYAMIDES**  
[54] **POLYAMIDES INTRINSEQUEMENT STABLES A LA LUMIERE ET A LA CHALEUR**  
[72] Weinerth, Klaus, DE  
[72] Mell, Karlheinz, DE  
[72] Beer, Ludwig, DE  
[72] Matthies, Paul, DE  
[73] BASF AKTIENGESELLSCHAFT, DE  
[85] 1996-10-11  
[86] 1995-04-12 (PCT/EP95/01349)  
[87] (WO95/28443)  
[30] DE (P 44 13 177.1) 1994-04-15  
[30] DE (P 44 29 089.6) 1994-08-17

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[11] **2,188,028**  
[13] C

[51] **Int.Cl. 6G01M 3/36**  
[25] EN  
[54] **METHOD AND APPARATUS FOR TESTING OILFIELD TUBULAR THREADED CONNECTIONS**  
[54] **PROCEDE ET DISPOSITIF SERVANT A VERIFIER DES RACCORDS FILETES DE MATERIEL TUBULAIRE POUR CHAMPS PETROLIFERES**  
[72] Penisson, Dennis J., US  
[73] BILCO TOOLS, INC., US  
[85] 1996-10-16  
[86] 1995-04-11 (PCT/US95/04396)  
[87] (WO95/28625)  
[30] US (08/229,573) 1994-04-19

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[11] **2,189,431**  
[13] C

[51] **Int.Cl. 6B65D 43/24 6B65D 6/02 6C07D 498/04 6C07D 265/34 6A61K 31/535**  
[25] EN  
[54] **WET-WIPE CONTAINER HAVING A HINGED COVER**  
[54] **BOITE A LINGETTES HUMIDES POSSEDANT UN PANNEAU DE COUVERTURE POURVU DE CHARNIERES**  
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[72] Frank, Martin Werner, DE  
[73] THE PROCTER & GAMBLE COMPANY, US  
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[13] C

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[25] EN  
[54] **SURFACE COATING TO IMPROVE PERFORMANCE OF ION TRAP MASS SPECTROMETERS**  
[54] **REVETEMENT DE SURFACE POUR AMELIORER L'EFFICACITE DES SPECTROMETRES DE MASSE A PIEGE IONIQUE**  
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[73] VARIAN, INC., US  
[22] 1996-11-04  
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[13] C

[51] **Int.Cl. 6A61N 7/00 6A61B 8/12**  
[25] EN  
[54] **APPARATUS AND METHOD FOR TRANSURETHRAL FOCUSED ULTRASOUND THERAPY**  
[54] **APPAREIL ET METHODE POUR LE TRAITEMENT AUX ULTRASONS DE MALADIES DE LA PROSTATE**  
[72] Andrus, Winfield Scott, US  
[72] Tihon, Claude, US  
[72] Hovland, Claire Thomas, US  
[72] Desilets, Charles S., US  
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[13] C

[51] **Int.Cl. 6H04N 7/50 6G06F 15/16**  
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[54] **HIGH SPEED DIGITAL VIDEO DECOMPRESSION**  
[54] **DECOMPRESSION RAPIDE DE SIGNAUX VIDEO NUMERIQUES**  
[72] Jabbi, Amandeep S., US  
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[73] SUN MICROSYSTEMS, INC., US  
[22] 1996-11-20  
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[11] **2,191,540**  
[13] C

[51] **Int.Cl. 6C23F 15/00 6F16L 58/00 6F17D 1/20**  
[25] EN  
[54] **ELECTRICAL APPARATUS FOR CONTROLLING LIQUID CONTAMINANTS**  
[54] **APPAREIL ELECTRIQUE POUR LE CONTROLE DE CONTAMINANTS LIQUIDES**  
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[13] C

[51] **Int.Cl. 6B65D 77/04 6B65D 5/468 6B65D 5/58**  
[25] EN  
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[54] **EMBALLAGE COMPOSITE POUR PRODUITS A PUISER A LA CUILLERE OU A LA LOUCHE**  
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[73] RING CAN CORPORATION, US  
[85] 1996-11-28  
[86] 1996-03-27 (PCT/US96/04234)  
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[11] **2,192,040**  
[13] C

[51] **Int.Cl. 6B31B 43/00**  
[25] EN  
[54] **PROCESS FOR MANUFACTURING SHAPED FORMS OF PACKAGING**  
[54] **PROCEDE DE FABRICATION D'EMBALLAGES DE FORME DETERMINEE**  
[72] Zeiter, Patrik, CH  
[72] Oster, Heinz, CH  
[73] ALUSUISSE TECHNOLOGY & MANAGEMENT LTD., CH  
[22] 1996-12-04  
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[13] C

[51] **Int.Cl. 6C10M 169/00 6C10M 141/02 6C10M 111/04 6C10M 113/08 6E21B 10/22**  
[25] EN  
[54] **ROCK BIT GREASE COMPOSITION**  
[54] **COMPOSITION DE GRAISSAGE POUR TREPAN**  
[72] Denton, Robert M., US  
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[73] SMITH INTERNATIONAL, INC., US  
[22] 1996-12-20  
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[11] **2,194,544**  
[13] C

[51] **Int.Cl. 6B29C 49/58**  
[25] FR  
[54] **DISPOSITIF D'ETANCHEITE ENTRE UNE EBAUCHE DE RECIPIENT EN MATIERE PLASTIQUE ET UNE TUYERE DE SOUFFLAGE, ET MACHINE DE SOUFFLAGE DE RECIPIENTS POURVUE D'UN TEL DISPOSITIF**  
[54] **DEVICE FOR SEALING A PLASTIC CONTAINER PREFORM TO A BLOW MOULDING NOZZLE, AND CONTAINER BLOW MOULDING MACHINE PROVIDED THEREWITH**  
[72] Chaure, Christophe, FR  
[73] SIDEL S.A., FR  
[85] 1997-01-07  
[86] 1995-07-05 (PCT/FR95/00895)  
[87] (WO96/01729)  
[30] FR (94/08699) 1994-07-11

[11] **2,194,820**  
[13] C

[51] **Int.Cl. 6C09J 151/06 6B32B 27/34**  
[25] EN  
[54] **ADHESIVE POLYETHYLENE COMPOSITIONS AND MULTI-LAYER LAMINATED FILMS USING THE SAME**  
[54] **COMPOSITIONS ADHESIVES A BASE DE POLYETHYLENE ET PELLICULES LAMINEES MULTICOUCHES UTILISANT CES MEMES COMPOSITIONS**  
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[72] Kawachi, Hideshi, JP  
[72] Inaba, Masahiro, JP  
[72] Sawada, Yuji, JP  
[73] MITSUI CHEMICALS INC., JP  
[22] 1997-01-10  
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[11] **2,196,096**  
[13] C

[51] **Int.Cl. 6C12N 1/20 6C12P 1/04 6A61K 7/48**  
[25] EN  
[54] **SLIMMING COMPOSITION CONTAINING A NEUROPEPTIDE Y RECEPTOR ANTAGONIST**  
[54] **COMPOSITION COSMETIQUE CONTENANT UN ANTAGONISTE DU RECEPTEUR DU NEUROPEPTIDE Y**  
[72] Courregelongue, Jean, FR  
[72] Blanc-Ferras, Elisabeth, FR  
[72] Ducasse, Catherine, FR  
[72] Mounier, Rémy, FR  
[72] Serradeil-Le-Gal, Claudine, FR  
[72] Vilain, Pol, FR  
[72] Bono, Françoise, FR  
[72] Pereillo, Jean-Marie, FR  
[72] Sabadie, Michel, FR  
[72] Paul, Raymond, FR  
[72] Breda, Bernard, FR  
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[30] FR (96 12 916) 1996-10-23

[11] **2,196,712**  
[13] C

[51] **Int.Cl. 6H03H 7/00 6H03M 1/06**  
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[54] **PONT D'IMPEDANCE ET SON USAGE DANS LES SYSTEMES DE CONVERSION**  
[72] Trofimenkoff, Frederick N., CA  
[72] Sabouri, Faramarz, CA  
[72] HASLETT, James W., CA  
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[13] C

[51] **Int.Cl. 6A23G 3/30**  
[25] EN  
[54] **METHOD FOR CONTINUOUS GUM BASE MANUFACTURING**  
[54] **PROCEDE DE FABRICATION EN CONTINU DE BASE POUR GOMME A MACHER**  
[72] TOWNSEND, Donald, US  
[72] SONG, Joo, US  
[73] Wm. Wrigley Jr. Company, US  
[85] 1997-03-10  
[86] 1995-03-13 (PCT/US95/03008)  
[87] (WO96/08157)  
[30] US (08/305,363) 1994-09-13  
[30] US (08/362,254) 1994-12-22

[11] **2,199,861**  
[13] C

[51] **Int.Cl. 6F16K 31/06 6F16K 51/00**  
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[54] **ELECTROVALVE UNIVERSELLE TOUT OU RIEN**  
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[73] LECTRON PRODUCTS, US  
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[30] US (617,480) 1996-03-15

[11] **2,200,767**  
[13] C

[51] **Int.Cl. 6C03C 4/08**  
[25] EN  
[54] **INFRARED AND ULTRAVIOLET RADIATION ABSORBING GREEN GLASS COMPOSITION**  
[54] **VERRE DE COULEUR VERTE ABSORBANT LES RADIATIONS INFRAROUGES ET ULTRAVIOLETTES**  
[72] CALABRESE, Andrew, US  
[72] SHELESTAK, Larry J., US  
[73] PPG INDUSTRIES OHIO, INC., US  
[22] 1997-03-21  
[30] US (08/627,714) 1996-04-01

[11] **2,203,310**  
[13] C

[51] **Int.Cl. 6A61K 31/55**  
[25] FR  
[54] **COMPRIME MATRICIEL PERMETTANT LA LIBERATION PROLONGEE DU SEL DE SODIUM DE TIANEPTINE APRES ADMINISTRATION PAR VOIE ORALE**  
[54] **COMPRESSED MATRIX FOR SLOW RELEASE OF SALT OF TIANEPTINE SODIUM FOLLOWING ORAL ADMINISTRATION**  
[72] WUTHRICH, Patrick, FR  
[72] HUET DE BAROCHEZ, Bruno, FR  
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[22] 1997-04-22  
[30] FR (96.05174) 1996-04-24

[11] **2,203,566**  
[13] C

[51] **Int.Cl. 6A61K 31/645 6A61K 9/06 6A61K 47/14 6A61K 9/70**  
[25] EN  
[54] **PERCUTANEOUSLY ADMINISTRATION PREPARATION**  
[54] **PREPARATION ADMINISTRABLE PAR VOIE PERCUTANEE**  
[72] OKUMURA, Mutsuo, JP  
[72] HOSOKAWA, Yuko, JP  
[72] OCHIAI, Mitsuru, JP  
[73] NIKKEN CHEMICALS CO., LTD., JP  
[85] 1997-04-23  
[86] 1995-10-24 (PCT/JP95/02183)  
[87] (WO96/12495)  
[30] JP (6/282467) 1994-10-24

[11] **2,204,024**  
[13] C

[51] **Int.Cl. 6H04L 12/56**  
[25] EN  
[54] **ATM TRANSMISSION METHOD WITH MUTE COMPRESSION CONTROL FUNCTION, AND SYSTEM, TRANSMITTER AND RECEIVER USING THE SAME**  
[54] **PROCEDE D'EMISSION MTA A FONCTION DE COMPRESSION DES SILENCES, ET SYSTEME, EMETTEUR ET RECEPTEUR FONCTIONNANT SELON CE PROCEDE**  
[72] NAKAJIMA, Akihisa, JP  
[72] ONUKI, Masafumi, JP  
[72] NAKAMURA, Hiroshi, JP  
[72] TSUBOYA, Hisakazu, JP  
[73] NTT Mobile Communications Network Inc., JP  
[85] 1997-04-29  
[86] 1996-08-30 (PCT/JP96/02438)  
[87] (WO97/08871)  
[30] JP (223,861/1995) 1995-08-31

[11] **2,204,797**  
[13] C

[51] **Int.Cl. 6G06F 17/30 6G06F 9/46**  
[25] EN  
[54] **MULTIPLE DATABASE ACCESS SERVER FOR APPLICATION PROGRAMS**  
[54] **SERVEUR DONNANT ACCES A DES BASES DE DONNEES MULTIPLES POUR PROGRAMMES D'APPLICATION**  
[72] BRISCOE, Roy A., US  
[72] MORIARTY, John M., US  
[72] HANSON, Thomas E., US  
[72] HOLLAND, Paul, US  
[72] BURKE, Robert J., US  
[73] Wang Laboratories, Inc., US  
[22] 1997-05-08  
[30] US (08/653,952) 1996-05-22

[11] **2,204,819**  
[13] C

[51] **Int.Cl. 6B41J 33/36 6B41J 2/325**  
[25] EN  
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[54] **IMPRIMANTE A SUPPORT D'IMPRESSION CONTINU**  
[72] PALMER, Anthony James, GB  
[73] ITW LIMITED, GB  
[22] 1997-05-08  
[30] GB (9613167.7) 1996-06-24

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[13] C

[51] Int.Cl. 6G01R 11/04  
[25] EN  
[54] WATT-HOUR SOCKET ADAPTER WITH IMPROVED ELECTRICAL CONNECTIONS  
[54] CULOT ADAPTEUR POUR WATTHEURE AVEC CONNEXIONS ELECTRIQUES AMELIOREES  
[72] ROBINSON, Darrell, US  
[72] PRUEHS, Allen V., US  
[72] DROPIEWSKI, Keith C., US  
[72] LEARMONT, Robert O., US  
[72] LOEHR, Karl R., US  
[73] EKSTROM INDUSTRIES, INC., US  
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[11] 2,207,960  
[13] C

[51] Int.Cl. 6F04B 1/29 6F04B 49/22  
[25] EN  
[54] VARIABLE DISPLACEMENT COMPRESSOR AND METHOD  
[54] COMPRESSEUR A POSITIONNEMENT VARIABLE ET METHODE  
[72] FUKANUMA, Tetsuhiko, JP  
[72] KAWAGUCHI, Masahiro, JP  
[72] KUBO, Hiroshi, US  
[72] SONOBE, Masanori, JP  
[73] KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO, JP  
[22] 1997-06-16  
[30] JP (8-155562) 1996-06-17

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[13] C

[51] Int.Cl. 6F21V 21/02  
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[85] 1997-06-26  
[86] 1994-12-29 (PCT/DK94/00492)  
[87] (WO96/21123)

[11] 2,209,845  
[13] C

[51] Int.Cl. 6F16B 45/00 6E04D 13/072  
[25] EN  
[54] MULTI-FUNCTION HANGER  
[54] CROCHET A USAGE MULTIPLE  
[72] LEVESQUE, Micheline, CA  
[73] LEVESQUE, Micheline, CA  
[22] 1997-08-12  
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[11] 2,210,700  
[13] C

[51] Int.Cl. 6C09D 5/44 6C25D 13/06  
[25] EN  
[54] CATHODIC ELECTRODEPOSITION METHOD UTILIZING CYCLIC CARBONATE-CURABLE COATING COMPOSITION  
[54] PROCEDE D'ELECTRODEPOSITION CATHODIQUE A L'AIDE D'UNE COMPOSITION DE REVETEMENT A CUISSON PAR CARBONATES CYCLIQUES  
[72] DECEMBER, Timothy S., US  
[72] HARRIS, Paul J., US  
[73] BASF CORPORATION, US  
[85] 1997-07-29  
[86] 1995-06-22 (PCT/US95/08001)  
[87] (WO96/24706)  
[30] US (08/385,018) 1995-02-07

[11] 2,210,954  
[13] C

[51] Int.Cl. 6B62D 6/04  
[25] EN  
[54] VEHICLE STEERING CORRECTION SYSTEM  
[54] DISPOSITIF COMPENSATEUR DE DIRECTION  
[72] MILLER, Gerald R., US  
[72] WILSON, Jack L., Jr., US  
[72] CLINKSCALES, James K., US  
[73] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH  
[22] 1997-07-31  
[30] US (60/023,652) 1996-08-01  
[30] US (08/722,381) 1996-09-30

[11] 2,211,169  
[13] C

[51] Int.Cl. 6B07C 5/34  
[25] EN  
[54] THERMAL IMAGING REFUSE SEPARATOR  
[54] SEPARATEUR DE DETRITUS A IMAGERIE THERMIQUE  
[72] THOMAS, Daniel W., US  
[73] БЕЛОIT TECHNOLOGIES, INC., US  
[85] 1997-07-23  
[86] 1995-12-22 (PCT/US95/16845)  
[87] (WO96/23604)  
[30] US (08/382,351) 1995-02-01

[11] 2,211,284  
[13] C

[51] Int.Cl. 6A61K 9/52  
[25] EN  
[54] MULTIPLE UNIT SUSTAINED RELEASE DOSAGE FORM  
[54] FORME POSOLOGIQUE A UNITES MULTIPLES ET A LIBERATION PROLONGEE  
[72] RABER, Marc, DE  
[72] MOMBERGER, Helmut, DE  
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[73] Asta Medica AG, DE  
[22] 1997-07-24  
[30] DE (196 30 035.5) 1996-07-25

[11] 2,212,978  
[13] C

[51] Int.Cl. 6E21B 49/00  
[25] EN  
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[54] SYSTEME D'ESSAIS DES COUCHES POUR EVALUATION ANTICIPEE  
[72] SKINNER, Neal G., US  
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[13] C

[51] **Int.Cl. 6G10L 9/14**  
[25] EN  
[54] **WIDE-BAND SPEECH SPECTRAL QUANTIZER**  
[54] **QUANTIFICATEUR SPECTRAL DE LA PAROLE A LARGE BANDE**  
[72] SERIZAWA, Masahiro, JP  
[73] NEC CORPORATION, JP  
[22] 1997-08-14  
[30] JP (216459/1996) 1996-08-16

[11] **2,213,040**  
[13] C

[51] **Int.Cl. 6H01S 3/18**  
[25] EN  
[54] **SEMICONDUCTOR LASER**  
[54] **LASER A SEMICONDUCTEUR**  
[72] NAKAMURA, Takahiro, JP  
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[22] 1997-08-14  
[30] JP (231843/1996) 1996-09-02

[11] **2,213,586**  
[13] C

[51] **Int.Cl. 6A61M 5/32**  
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[54] **SHIELDED NEEDLE ASSEMBLY**  
[54] **SERINGUE A FOURREAU PROTEGE-AIGUILLE**  
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[72] GYURE, Sandor, US  
[72] SWEENEY, Niall, US  
[73] BECTON, DICKINSON AND COMPANY, US  
[22] 1997-08-20  
[30] US (08/702,083) 1996-08-23

[11] **2,213,816**  
[13] C

[51] **Int.Cl. 6B29C 44/12**  
[25] EN  
[54] **PROCESS AND APPARATUS FOR MANUFACTURING A FOAMED RESIN CONTAINER WITH A LABEL**  
[54] **PROCEDE ET APPAREIL DE FABRICATION DE RECIPIENTS DE RESINE EXPANSEE MUNIS D'UNE ETIQUETTE**  
[72] CHIBA, Masaru, JP  
[72] HASEGAWA, Hiroshi, JP  
[72] ONO, Yasuhiro, JP  
[72] TSUJITA, Akio, JP  
[72] IWASAKI, Hiroto, JP  
[72] YOSHIMI, Toru, JP  
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[73] NISSIN FOOD PRODUCTS CO., LTD., JP  
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[86] 1996-12-27 (PCT/JP96/03851)  
[87] (WO97/24212)  
[30] JP (7-343788) 1995-12-28  
[30] JP (8-53425) 1996-03-11

[11] **2,213,883**  
[13] C

[51] **Int.Cl. 6B62M 7/00 6B60L 3/08**  
[25] EN  
[54] **ELECTRICALLY ASSISTED VEHICLE**  
[54] **VEHICULE A MOTEUR AUXILIAIRE ELECTRIQUE**  
[72] TANAKA, Tatsuaki, JP  
[72] SAGARA, Hiroaki, JP  
[72] MATSUMOTO, Toshihiro, JP  
[72] SUHARA, Toshihiro, JP  
[72] MAEDA, Yoshihiko, JP  
[73] SANYO ELECTRIC CO., LTD., JP  
[22] 1997-08-19  
[30] JP (HEI 8(1996)-226762) 1996-08-28

[11] **2,215,345**  
[13] C

[51] **Int.Cl. 6C12N 1/20 6A61K 38/16 6C07K 14/195**  
[25] EN  
[54] **BACTERIOCINS PRODUCED BY RUMINAL BACTERIA**  
[54] **BACTERIOCINES RESULTANT DES BACTERIES RUMINALES**  
[72] TEATHER, RONALD M., CA  
[72] FORSTER, ROBERT J., CA  
[72] KALMOKOFF, MARTIN, CA  
[73] HER MAJESTY IN RIGHT OF CANADA, REPRESENTED BY THE MINISTER OF AGRICULTURE,  
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[86] 1996-04-29 (PCT/CA96/00269)  
[87] (WO96/34014)  
[30] US (08/430957) 1995-04-28

[11] **2,215,814**  
[13] C

[51] **Int.Cl. 6C01B 31/14**  
[25] EN  
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[54] **CHARBON ACTIVE LIGNOCELLULOSIQUE, MIS EN FORME**  
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[73] WESTVACO CORPORATION, US  
[22] 1997-09-18  
[30] US (08/716,105) 1996-09-19  
[30] US (08/716,106) 1996-09-19

[11] **2,216,743**  
[13] C

[51] **Int.Cl. 6C21D 8/02**  
[25] EN  
[54] **METHOD FOR CONTINUOUSLY CASTING STEEL SHEETS AND APPARATUS FOR CONTINUOUSLY PRODUCING STEEL SHEETS**  
[54] **PROCEDE DE COULAGE EN CONTINU DE TOLE ET APPAREIL DE PRODUCTION CORRESPONDANT**  
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[72] TANAKA, Shigenori, JP  
[73] NIPPON STEEL CORPORATION, JP  
[85] 1997-09-25  
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[30] JP (8-11949) 1996-01-26

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[13] C

[51] Int.Cl. 6A61K 35/78 6A61K 7/06  
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6A23F 3/16 6A23L 1/30 6A61K 7/48  
6A61K 9/51  
[25] EN  
[54] USE OF A PARTIAL OR  
COMPLETE EXTRACT OF NOT  
FERMENTED CAMELLIA SINENSIS L.  
FOR THE PREPARATION OF A  
MEDICAMENT, A MEDICAL CARE  
PRODUCT, A COSMETIC  
PREPARATION OR A FOOD  
COMPLEMENTARY PRODUCT  
[54] UTILISATION D'UN EXTRAIT  
PARTIEL OU COMPLET DE  
CAMELLIA SINENSIS L. NON  
FERMENTE POUR LA PREPARATION  
D'UN MEDICAMENT, D'UN PRODUIT  
DE SOINS MEDICAUX, D'UNE  
PREPARATION COSMETIQUE OU  
D'UN PRODUIT ALIMENTAIRE  
COMPLEMENTAIRE  
[72] FLACHSMANN, René, CH  
[72] KREUTER, Mathias-Heinrich, CH  
[73] EMIL FLACHSMANN AG, CH  
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[73] SEOS DISPLAYS LIMITED, GB  
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APPARATUS FOR MARKING THE  
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[54] PROCEDE DE FABRICATION  
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SMOKE SUPPRESSANT COMPOUNDS  
AND METHODS FOR MAKING THEM  
[54] PARTICULES COLLOIDALES DE  
COMPOSES SOLIDES IGNIFUGES ET  
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[72] HERRING, Richard Allen, US  
[72] WITEK, James Patrick, US  
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[54] PROCESS FOR TREATING  
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[54] **COMPOSITIONS POUR LE TRAITEMENT DES MALADIES ARTHRITIQUES DE TYPE RHUMATOIDE**  
[72] YOUSSEFYEH, Parvin, US  
[72] KHOT, Homa, US  
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[54] **PROCEDE DE FABRICATION DE CATALYSEURS AU COBALT**  
[72] PERKINS, Christopher Mark, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
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[54] **DISPOSITIF ET PROCEDE RELATIFS A L'INFORMATION NUMERIQUE**  
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[54] **COMPOUNDS FOR TREATING OR PREVENTING OSTEOPOROSIS AND SYMPTOMS ASSOCIATED WITH MENOPAUSE**  
[54] **COMPOSES POUR TRAITER OU PREVENIR L'OSTEOPOROSE ET LES SYMPTOMES ASSOCIES AVEC LA MENOPAUSE**  
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[54] **METHOD FOR RANDOMLY ACCESSING STORED IMAGERY AND A FIELD INSPECTION SYSTEM EMPLOYING THE SAME**  
[54] **PROCEDE D'ACCES ALEATOIRE A DES IMAGES ENREGISTREES ET SYSTEME D'INSPECTION SUR SITE DANS LEQUEL CE PROCEDE EST UTILISE**  
[72] VAN DEN BOSCH, Jeffrey A., US  
[73] PENINSULAR TECHNOLOGIES, LLC, US  
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[54] **SYSTEME D'ENTRAINEMENT ELECTRIQUE DES CYLINDRES D'ENTREE ET DE SORTIE DE RABOTEUSES**  
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[54] **DISPOSITIF MOBILE DE TRAITEMENT DES SOLS ET PROCEDE ASSOCIE**  
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[72] LIM, KOK-SENG, CA  
[72] STEPHENSON, ROBERT JOHN, CA  
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[73] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB  
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[54] **METHODE ET APPAREIL DE REDUCTION RAPIDE DE L'OXYDE DE FER DANS UN FOUR A SOLE TOURNANTE**  
[72] BOYD, Thomas H., US  
[72] LEPINSKI, James A., US  
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[72] SLOOP, Jimmy D., US  
[73] MIDREX TECHNOLOGIES, INC., US  
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[72] FARISON, Brian K., US  
[73] SEALED AIR CORPORATION, US  
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[13] C

[51] Int.Cl. 6B21D 53/64 6B23P 15/44  
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[72] WILSON, Robert, US  
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[25] EN  
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[13] C

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[54] **EMPLOI DE LA PROTEINE HO-1 DANS LES TESTS DIAGNOSTIQUES ET PRONOSTIQUES DES MALADIES NEURODEGENERATIVES**  
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[72] SCHIPPER, Hyman M., CA  
[73] THE SIR MORTIMER B. DAVIS - JEWISH GENERAL HOSPITAL, CA  
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[13] C

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[72] CLARK, John J., US  
[73] THE BOEING COMPANY, US  
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[73] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB  
[85] 1998-06-16  
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[13] C

[51] **Int.Cl. 6A47B 9/02 6F16F 15/28**  
[25] EN  
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[54] **APPAREIL D'EQUILIBRAGE**  
[72] LONG, Dennis L., US  
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[85] 1998-07-09  
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[13] C

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[54] **SUIVEUR DE PHASE EN BANDE PASSANTE EFFECTUANT LA TRANSFORMATION DE HILBERT AVANT LA CONVERSION ANALOGIQUE-NUMERIQUE MULTIPHASE**  
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[73] SAMSUNG ELECTRONICS CO., LTD., KR  
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[13] C

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[54] **SYSTEME DE SECURITE VIDEO NUMERIQUE**  
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[73] SILENT WITNESS ENTERPRISES LTD., CA  
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[13] C

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[73] THE PROCTER & GAMBLE COMPANY, US  
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[13] C

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[54] **HYBRID LINE AND GROUND SWITCH**  
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[73] GEC ALSTHOM T&D INC., CA  
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[13] C

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[25] EN  
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[54] SYSTEME DE TRANSMISSION DE PAQUETS SANS FIL PERMETTANT D'UTILISER EFFICACEMENT LA LARGEUR DE BANDE DES COMMUNICATIONS LONGUE DISTANCE  
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[72] GITLIN, Richard Dennis, US  
[72] SAWKAR, Anil S., US  
[72] LAPORTA, Thomas F., US  
[72] SABNANI, Krishan Kumar, US  
[72] MURAKAMI, Kazutaka, US  
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[73] LUCENT TECHNOLOGIES INC., US  
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[11] 2,245,429  
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[25] EN  
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[54] COMPOSITION AQUEUSE POUR LE NETTOYAGE DU METAL A BASSE TEMPERATURE ET METHODE D'UTILISATION  
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[72] DeCASTRO, Paul E., US  
[72] BOLKAN, Steven A., US  
[72] VINCI, Alfredo, US  
[73] CHURCH & DWIGHT CO., INC., US  
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[13] C

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[25] EN  
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[72] TENNO, Kojiro, JP  
[72] KOYANAGI, Hirokazu, JP  
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[54] DIFFUSION ELECTROSTATIQUE  
[72] PRENDERGAST, Maurice Joseph, GB  
[72] NOAKES, Timothy James, GB  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1998-08-21  
[86] 1997-02-12 (PCT/GB97/00376)  
[87] (WO97/31718)  
[30] GB (9604329.4) 1996-02-29

[11] 2,247,809  
[13] C

[51] Int.Cl. 6G05G 1/28 6F16K 31/06  
[25] EN  
[54] METHOD AND APPARATUS FOR SENSING ARMATURE POSITION IN RELUCTANCE ELECTROMAGNETIC ACTUATORS  
[54] METHODE ET APPAREIL POUR DETECTER LA POSITION D'UNE ARMATURE DANS DES ACTIONNEURS ELECTROMAGNETIQUES A RELUCTANCE  
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[73] HUSCO INTERNATIONAL, INC., US  
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[13] C

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[25] EN  
[54] CHEESE MOLDER/CHILLER WITH CLOSED WATER CYCLE  
[54] MOULE/REFROIDISSEUR DE FROMAGE A CYCLE D'EAU FERME  
[72] BRENNAN, Sullivan, US  
[72] NESHEIM, Gary, US  
[72] WESTBY, Ken, US  
[72] NELLES, Peter, US  
[72] BROGAN, Edward, US  
[73] JOHNSON/NELLES CORPORATION, US  
[22] 1998-10-08  
[30] US (08/950,846) 1997-10-15

[11] 2,250,384  
[13] C

[51] Int.Cl. 6A61K 7/075  
[25] EN  
[54] CONDITIONING SHAMPOO COMPOSITIONS CONTAINING SELECT CATIONIC CONDITIONING POLYMERS  
[54] COMPOSITIONS POUR SHAMPOING TRAITANT CONTENANT DES POLYMERES CATIONIQUES DE MISE EN FORME SELECTIONNES  
[72] GUSKEY, Susan Marie, US  
[72] ROYCE, Douglas Allan, US  
[72] COFFINDAFFER, Timothy Woodrow, US  
[72] INMAN, Everett Junior, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1998-09-24  
[86] 1997-03-18 (PCT/US97/03694)  
[87] (WO97/35543)  
[30] US (08/622,972) 1996-03-27

**Brevets canadiens délivrés  
23 octobre 2001**

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[11] **2,250,385**  
[13] C

[51] **Int.Cl. 6A61K 7/075**  
[25] EN  
[54] **CONDITIONING SHAMPOO COMPOSITION**  
[54] **COMPOSITION DE SHAMPOOING CONDITIONNEUR**  
[72] WELLS, Robert Lee, US  
[72] BARAVETTO, John Thomas, US  
[72] SCHRADER, Elizabeth Murphy, US  
[72] GUSKEY, Susan Marie, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1998-09-24  
[86] 1997-03-18 (PCT/US97/03697)  
[87] (WO97/35548)  
[30] US (08/622,222) 1996-03-27

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[11] **2,250,808**  
[13] C

[51] **Int.Cl. 6H04N 7/16 6H04Q 3/64**  
[25] EN  
[54] **MULTIMEDIA SWITCHING APPARATUS**  
[54] **APPAREIL DE COMMUTATION MULTIMEDIA**  
[72] CATCHPOLE, Andrew, GB  
[73] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB  
[85] 1998-09-30  
[86] 1997-04-11 (PCT/GB97/01013)  
[87] (WO97/39561)  
[30] GB (9607615.3) 1996-04-12

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[11] **2,256,664**  
[13] C

[51] **Int.Cl. 6G07F 17/24 6G07C 1/30**  
[25] EN  
[54] **PARKING METER WITH PERIPHERAL FUNCTIONS**  
[54] **PARCOMETRE MUNI DE FONCTIONS SECONDAIRES**  
[72] TUXEN, Gorm, US  
[72] SUTTON, Joseph H., US  
[72] CARMEN, Ralph H., US  
[73] DUNCAN INDUSTRIES PARKING CONTROL SYSTEMS CORP., US  
[85] 1998-11-24  
[86] 1998-04-16 (PCT/US98/07545)  
[87] (WO98/47738)  
[30] US (08/844,159) 1997-04-18

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[11] **2,257,992**  
[13] C

[51] **Int.Cl. 6H04M 3/38 6H04L 12/22 6H04L 9/32**  
[25] EN  
[54] **A METHOD AND SYSTEM FOR COMMUNICATION ACCESS RESTRICTION**  
[54] **PROCEDE ET SYSTEME POUR LA RESTRICTION D'ACCES DE COMMUNICATIONS**  
[72] HAMDY-SWINK, Kathryn Anne, US  
[73] BELLSOUTH INTELLECTUAL PROPERTY CORPORATION, US  
[85] 1998-12-11  
[86] 1997-06-18 (PCT/US97/10414)  
[87] (WO97/49217)  
[30] US (08/665,823) 1996-06-19

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[11] **2,258,360**  
[13] C

[51] **Int.Cl. 6G01N 17/02 6G01N 27/12**  
[25] EN  
[54] **COUPON MONITOR FOR CATHODIC PROTECTION SYSTEM**  
[54] **MONITEUR D'EPROUVETTE MECANIQUE POUR SYSTEME DE PROTECTION CATHODIQUE**  
[72] LAWSON, Kurt M., US  
[72] THOMPSON, Neil G., US  
[72] CAUDILL, Dan L., US  
[73] CC TECHNOLOGIES LABORATORIES, INC., US  
[22] 1999-01-11  
[30] US (09/023,405) 1998-02-12

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[11] **2,260,402**  
[13] C

[51] **Int.Cl. 6G09F 5/00**  
[25] EN  
[54] **DISPLAY CARD**  
[54] **CARTE-PRESENTOIR**  
[72] BOISVERT, Pierre, CA  
[73] BOISVERT, Pierre, CA  
[22] 1999-01-22  
[30] US (60/072,131) 1998-01-22

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[11] **2,260,553**  
[13] C

[51] **Int.Cl. 6H05B 3/02**  
[25] EN  
[54] **ELECTRIC HEATER WITH SELECTIVE POWER RATING**  
[54] **APPAREIL DE CHAUFFAGE ELECTRIQUE PERMETTANT DE SELECTIONNER LE NIVEAU DE PUISSANCE**  
[72] NOTHE, William E., US  
[72] WRENN, John R., US  
[73] MARLEY ELECTRIC HEATING, US  
[22] 1999-02-01  
[30] US (09/037,072) 1998-03-09

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[11] **2,261,026**  
[13] C

[51] **Int.Cl. 6C12N 15/13 6C07K 16/18 6A61K 39/395 6C07K 16/46**  
[25] EN  
[54] **GENETICALLY ENGINEERED IMMUNOGLOBULINS WITH SPECIFICITY FOR GLYCATED ALBUMIN**  
[54] **IMMUNOGLOBULINES OBTENUES PAR GENIE GENETIQUE A SPECIFICITE VIS-A-VIS DE L'ALBUMINE GLYCOLYSEE**  
[72] SHEARMAN, Clyde W., US  
[72] COHEN, Margo P., US  
[73] EXOCELL, INC., US  
[85] 1998-12-29  
[86] 1997-06-26 (PCT/US97/11605)  
[87] (WO97/49429)  
[30] US (08/672,176) 1996-06-27

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[11] **2,271,753**  
[13] C

[51] **Int.Cl. 6E02F 9/28**  
[25] EN  
[54] **TOOTH ARRANGEMENT**  
[54] **MECANISME A DENTS**  
[72] QUARFORDT, Per Ulf Torgny, SE  
[73] COMPONENTA WEAR PARTS AB, SE  
[85] 1999-05-12  
[86] 1996-11-15 (PCT/SE96/01481)  
[87] (WO98/22664)

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October 23, 2001

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[11] **2,272,036**  
[13] C  
[51] **Int.Cl. 6F25D 23/04**  
[25] EN  
[54] **REFRIGERATOR DOOR STORAGE SYSTEM**  
[54] **SYSTEME DE PORTE-ETAGERE DE REFRIGERATEUR**  
[72] POHL, Douglas Alan, US  
[72] ALBERT, Jane, US  
[72] JOHNSON, Warren F., US  
[72] DIETZ, Larry Edward, US  
[73] MAYTAG CORPORATION, US  
[22] 1999-05-14  
[30] US (09/106,900) 1998-06-30

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[11] **2,275,372**  
[13] C  
[51] **Int.Cl. 6A47C 7/74 6A47C 17/86**  
[25] EN  
[54] **CHAIR OR SOFA WITH REFRIGERATED COMPARTMENT**  
[54] **FAUTEUIL OU CANAPE MUNI D'UN COMPARTIMENT REFRIGERE**  
[72] FERGUSON, ANN, US  
[72] SUR, KENNETH C., US  
[72] TOPELKO, ROY J., CA  
[73] FERGUSON, ANN, US  
[73] SUR, KENNETH C., US  
[22] 1999-06-18

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[11] **2,276,204**  
[13] C  
[51] **Int.Cl. 6A61B 17/068**  
[25] EN  
[54] **SURGICAL HELICAL FASTENER WITH APPLICATOR**  
[54] **DISPOSITIF DE FIXATION HELICOIDAL CHIRURGICAL AVEC APPLICATEUR**  
[72] McCOY, TIM, US  
[72] LUNSFORD, JOHN, US  
[72] BOLDDUC, LEE, US  
[72] KRAMER, THOMAS A., US  
[72] HODGES, BRIAN A., US  
[73] ORIGIN MEDSYSTEMS, INC., US  
[22] 1995-06-07  
[62] 2,196,905  
[30] US (08/286,878) 1994-08-05

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[11] **2,288,460**  
[13] C  
[51] **Int.Cl. 7H03F 1/32 7H04B 15/00**  
[25] EN  
[54] **DISTORTION COMPENSATION CIRCUIT**  
[54] **CIRCUIT COMPENSATEUR DE DISTORSION**  
[72] IKEDA, YUKIO, JP  
[72] HORIGUCHI, KENICHI, JP  
[72] NAKAYAMA, MASATOSHI, JP  
[73] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[22] 1999-11-03  
[30] JP (10-314647) 1998-11-05

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[11] **2,292,301**  
[13] C  
[51] **Int.Cl. 7E06B 1/04 7E06B 7/14**  
[25] EN  
[54] **WINDOW DRAIN**  
[54] **DRAIN DE FENETRE**  
[72] WARK, SCOTT ARTHUR, CA  
[73] WARK, SCOTT ARTHUR, CA  
[22] 1999-12-16

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[11] **2,294,666**  
[13] C  
[51] **Int.Cl. 7A47J 31/00**  
[25] EN  
[54] **COMPUTER CONTROLLED BREWING APPARATUS**  
[54] **APPAREILLAGE DE BRASSAGE COMMANDE PAR ORDINATEUR**  
[72] WARNE, THOMAS I., CA  
[73] BLOOMFIELD INDUSTRIES CANADA LIMITED, CA  
[22] 2000-01-10  
[30] US (09/227,403) 1999-01-08

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[11] **2,295,585**  
[13] C  
[51] **Int.Cl. 7B27B 5/34**  
[25] EN  
[54] **SAW ARBOR AND GUIDED CIRCULAR SAW**  
[54] **ARBRE DE SCIE ET SCIE CIRCULAIRE GUIDEE**  
[72] STROUD, GARY ARTHUR, CA  
[73] DELTA DRIVE SYSTEMS CORPORATION, CA  
[85] 2000-01-07  
[86] 1997-07-11 (PCT/CA97/00494)  
[87] (WO98/02286)  
[30] US (08/682,841) 1996-07-12  
[30] US (08/831,468) 1997-03-31

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[11] **2,302,963**  
[13] C  
[51] **Int.Cl. 7A61K 9/48 7A61P 31/04 7A61P 37/06 7A61K 38/13 7A61K 31/436 7A61K 31/7048 7A61K 31/7052**  
[25] EN  
[54] **SOFT GELATIN CAPSULE MANUFACTURE**  
[54] **FABRICATION DE CAPSULES DE GELATINE MOLLE**  
[72] MEINZER, ARMIN, DE  
[72] ZANDE, HORST, DE  
[72] BROX, WERNER, DE  
[73] R.P. Scherer GmbH, DE  
[73] NOVARTIS AG, CH  
[22] 1994-09-26  
[62] 2,132,933  
[30] DE (P 43 32 931.4) 1993-09-28

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[11] **2,308,203**  
[13] C  
[51] **Int.Cl. 6H04R 1/02 6G01N 21/00 6G01C 3/08**  
[25] EN  
[54] **METHOD OF DETECTING ATMOSPHERIC WEATHER CONDITIONS IN THE ATMOSPHERE**  
[54] **PROCEDE DE DETECTION DE CONDITIONS METEOROLOGIQUES**  
[72] REES, FRANK L., US  
[73] FLIGHT SAFETY TECHNOLOGIES, INC., US  
[85] 2000-04-20  
[86] 1998-09-04 (PCT/US98/18589)  
[87] (WO99/21394)  
[30] US (08/955,282) 1997-10-21

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[11] **2,314,150**  
[13] C  
[51] **Int.Cl. 6B01D 37/04**  
[25] EN  
[54] **RECOVERY OF FUNCTIONAL HUMAN LEUKOCYTES FROM RECYCLED FILTERS**  
[54] **RECUPERATION DE LEUCOCYTES HUMAINS FONCTIONNELS A PARTIR DE FILTRES RECYCLES**  
[72] RASHIDBAIGI, ABBAS, US  
[72] LIAO, MEI-JUNE, US  
[72] HUA, JI, US  
[72] SIDHU, MANINDER, US  
[73] INTERFERON SCIENCES, INC., US  
[85] 2000-06-13  
[86] 1998-12-18 (PCT/US98/26946)  
[87] (WO99/32211)  
[30] US (08/996,070) 1997-12-22

**Brevets canadiens délivrés**  
**23 octobre 2001**

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[11] **2,321,952**  
[13] C

[51] **Int.Cl. 7A45C 3/00**  
[25] EN  
[54] **SPORT LUGGAGE**  
[54] **BAGAGE DE SPORT**  
[72] OSTEN, FREDERICK F., US  
[73] OSTEN, FREDERICK F., US  
[22] 2000-10-30  
[30] US (09/633,014) 2000-08-04

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[11] \* **2,325,756**  
[13] C

[51] **Int.Cl. 7F17D 3/01**  
[25] EN  
[54] **MULTI-STEP GAS SAVER**  
[54] **RECUPERATEUR DE GAZ**  
**MULTIETAGE**  
[72] MCGUIRE, DANIEL J., CA  
[73] MCGUIRE, DANIEL J., CA  
[22] 2000-12-13

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[11] **2,336,067**  
[13] C

[51] **Int.Cl. 7B66C 13/46**  
[25] EN  
[54] **ANGULAR POSITION INDICATOR**  
**FOR CRANES**  
[54] **INDICATEUR DE POSITION**  
**ANGULAIRE POUR GRUES**  
[72] BILODEAU, THOMAS DANIEL, CA  
[72] THIBAUT, JOHN ANTHONY, CA  
[73] THE LOAD & A-2-B COMPANY INC.,  
CA  
[22] 2001-02-15

**Canadian Patents Issued  
October 23, 2001**

# Canadian Laid-Open Applications

September 30, 2001 - October 6, 2001

## Demands canadiennes mises à la disponibilité du public

30 septembre 2001 - 6 octobre 2001

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[21] **2,303,455**  
[13] A1  
[51] Int.Cl. 7G06F 17/60 7G07B 1/00  
7G07B 11/00 7G06F 17/30  
[25] EN  
[54] ELECTRONIC SALES SYSTEM  
[54] SYSTEME DE VENTE  
ELECTRONIQUE  
[72] PENNER, ROBERT, CA  
[72] MEIER, DOUG, CA  
[72] GARRATT, DOUG, CA  
[71] EXACTA CONTROLS LTD., CA  
[22] 2000-03-30  
[43] 2001-09-30

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[21] **2,303,466**  
[13] A1  
[51] Int.Cl. 7G06F 17/30 7G06F 17/60  
[25] EN  
[54] AUTOMATICALLY UPDATING  
TEMPLATE BASED WEB PAGES WITH  
TRIGGER EVENTS AND SCHEDULING  
[54] PAGES WEB BASEES SUR UN  
GABARIT A MISE A JOUR  
AUTOMATIQUE AVEC EVENEMENTS  
DECLENCHEURS ET PLANIFICATION  
[72] ABRAHAM, STEPHEN, CA  
[72] LOEN, RICHARD, CA  
[71] SOFTV.NET, CA  
[22] 2000-03-30  
[43] 2001-09-30

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[21] **2,303,470**  
[13] A1  
[51] Int.Cl. 7A47C 17/02  
[25] EN  
[54] SEATING FURNITURE WITH  
INTEGRATED OVERHEAD LIGHTING  
[54] MEUBLE POUR S'ASSEOIR MUNI  
D'UN DISPOSITIF D'ECLAIRAGE  
INTEGRE  
[72] SUNATORI, GO SIMON, CA  
[71] SUNATORI, GO SIMON, CA  
[22] 2000-03-31  
[43] 2001-09-30

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[21] **2,303,481**  
[13] A1  
[51] Int.Cl. 7A61K 38/05 7A61K 9/20  
[25] EN  
[54] PHARMACEUTICAL  
COMPOSITIONS COMPRISING  
MOEXIPRIL MAGNESIUM  
[54] COMPOSITIONS  
PHARMACEUTIQUES COMPRENANT  
DU MOEXIPRIL ET DU MAGNESIUM  
[72] SHERMAN, BERNARD CHARLES,  
CA  
[71] SHERMAN, BERNARD CHARLES,  
CA  
[22] 2000-04-05  
[43] 2001-10-05

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[21] **2,303,485**  
[13] A1  
[51] Int.Cl. 7A41D 13/018 7A41D 1/04  
7A63B 71/12  
[25] EN  
[54] SAFETY VEST  
[54] GILET DE SECURITE  
[72] PAGENHARDT, GABRIELE, CA  
[71] PAGENHARDT, GABRIELE, CA  
[22] 2000-04-05  
[43] 2001-10-05

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[21] **2,303,497**  
[13] A1  
[51] Int.Cl. 7G06F 12/14 7H04L 9/00  
7G06F 17/60  
[25] EN  
[54] SYSTEM FOR LIMITING  
LIABILITY WITH DIGITAL PHOTO  
DOCUMENTS OF INVENTORY  
[54] SYSTEME DE LIMITATION DE  
RESPONSABILITE QUANT A DES  
DOCUMENTS PHOTOGRAPHIQUES  
DE STOCKS  
[72] WOODHOUSE, STEPHEN JOHN, CA  
[71] WOODHOUSE, STEPHEN JOHN, CA  
[22] 2000-03-30  
[43] 2001-09-30

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[21] **2,303,500**  
[13] A1  
[51] Int.Cl. 7G06F 17/40 7H04L 9/00  
7G06F 12/14 7H04N 5/30  
[25] EN  
[54] SYSTEM AND METHOD FOR  
PHOTO DOCUMENTING TRAVELS  
[54] SYSTEME ET METHODE DE  
DOCUMENTATION DE VOYAGES AU  
MOYEN DE PHOTOS  
[72] WOODHOUSE, STEPHEN JOHN, CA  
[71] WOODHOUSE, STEPHEN JOHN, CA  
[22] 2000-04-03  
[43] 2001-10-03

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[21] **2,303,510**  
[13] A1  
[51] Int.Cl. 7G01N 33/574 7G01N 33/566  
7G01N 33/68  
[25] EN  
[54] HUMAN BRAIN TUMOR: RHO  
PROTEIN AS DIAGNOSTIC  
MOLECULAR MARKER  
[54] TUMEUR CEREBRALE :  
PROTEINE RHO COMME MARQUEUR  
MOLECULAIRE DIAGNOSTIC  
[72] UNKNOWN, ZZ  
[71] UNIVERSITÉ DU QUÉBEC A  
MONTREAL, CA  
[22] 2000-03-30  
[43] 2001-09-30

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[21] **2,303,522**  
[13] A1  
[51] Int.Cl. 7H04L 12/16 7H04N 7/16  
[25] EN  
[54] A SYSTEM AND METHOD FOR  
ENHANCED STREAMING MEDIA  
VIEWING  
[54] SYSTEME ET METHODE POUR  
VISIONNEMENT AMELIORE DES  
MEDIAS EN CONTINU  
[72] REICHMANN, ABRAHAM, CA  
[71] REICHMANN, ABRAHAM, CA  
[22] 2000-03-30  
[43] 2001-09-30

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[21] **2,303,525**  
[13] A1

[51] **Int.Cl. 7H04N 5/225 7H05K 7/20 7H04N 5/30**  
[25] EN  
[54] **HEAT MANAGEMENT FOR ENCLOSED VIDEO CAMERAS**  
[54] **GESTION DE LA CHALEUR POUR CAMERAS VIDEO FERMEES**  
[72] RAAD, ELIE-JEAN, CA  
[72] HO, DENNIS K., CA  
[72] RAK, ROMAN P., CA  
[71] SILENT WITNESS ENTERPRISES LTD., CA  
[22] 2000-03-30  
[43] 2001-09-30

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[21] **2,303,543**  
[13] A1

[51] **Int.Cl. 7G05F 3/16**  
[25] EN  
[54] **VOLTAGE REFERENCE SOURCE**  
[54] **SOURCE DE REFERENCE DE TENSION**  
[72] ILIASEVITCH, STEPAN, CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 2000-03-30  
[43] 2001-09-30

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[21] **2,303,545**  
[13] A1

[51] **Int.Cl. 7G06F 17/30 7G06F 17/60**  
[25] EN  
[54] **SERVICE CHAIN INTEROPERABILITY**  
[54] **INTEROPERABILITE D'UNE CHAINE DE SERVICE**  
[72] REMME, RANDALL NELSON, CA  
[71] CHANGEPOINT INTERNATIONAL CORPORATION, BB  
[22] 2000-03-30  
[43] 2001-09-30

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[21] **2,303,547**  
[13] A1

[51] **Int.Cl. 7A61F 2/44**  
[25] EN  
[54] **INTERVERTEBRAL BODY FUSION DEVICE**  
[54] **DISPOSITIF DE FUSION DE CORPS INTERVERTEBRAL**  
[72] VACCARO, ALEX, US  
[71] VACCARO, ALEX, US  
[22] 2000-03-30  
[43] 2001-09-30

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[21] **2,303,550**  
[13] A1

[51] **Int.Cl. 7C12P 17/06**  
[25] EN  
[54] **A PROCESS FOR THE PRODUCTION OF STABLE (+) CATECHIN PENTA ACETATE USEFUL AS A PRECURSOR FOR THE PRODUCTION OF (+) CATECHIN**  
[54] **PROCESSUS DE PRODUCTION DE CATECHINE PANTA ACETATE STABLE (+) UTILE COMME PRECURSEUR DE LA PRODUCTION DE CATECHINE (+)**  
[72] CHATTOPADHYAY, SUNIL KUMAR, IN  
[72] KULSHRESTHA, MANISH, IN  
[72] KUMAR, SUSHIL, IN  
[72] BANERJEE, SUCHITRA, IN  
[72] MEHTA, VIJAY KUMAR, IN  
[72] AGARWAL, SHIPRA, IN  
[72] KUKREJA, ARUN KUMAR, IN  
[72] SASHIDHARA, KONENI VENKATA, IN  
[72] TRIPATHI, VINAYAK, IN  
[72] SHARMA, RAM PRAKASH, IN  
[71] COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, IN  
[22] 2000-03-31  
[43] 2001-09-30

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[21] **2,303,551**  
[13] A1

[51] **Int.Cl. 7B25H 3/02 7A45C 11/00 7B65D 85/20**  
[25] EN  
[54] **TOOL CASE WITH SNAP-IN MODULES**  
[54] **TROUSSE A OUTILS A MODULES INTEGRABLES**  
[72] VASUDEVA, KAILASH C., CA  
[71] MAXTECH MANUFACTURING LTD., CA  
[22] 2000-03-30  
[43] 2001-09-30

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[21] **2,303,558**  
[13] A1

[51] **Int.Cl. 7C01G 25/06**  
[25] EN  
[54] **PROCESS FOR RECOVERY OF ZIRCONIUM BASIC SULFATE**  
[54] **METHODE DE RECUPERATION DE SULFATE BASIQUE DE ZIRCONIUM**  
[72] SOMMERS, JAMES A., US  
[71] ATI PROPERTIES, INC., US  
[22] 2000-03-31  
[43] 2001-09-30

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[21] **2,303,561**  
[13] A1

[51] **Int.Cl. 7A23L 1/317 7A23D 9/04 7A23L 1/29**  
[25] EN  
[54] **FOOD COMPOSITION**  
[54] **COMPOSITION ALIMENTAIRE**  
[72] SIPILA, KARI, FI  
[71] HK RUOKATALO OYJ, FI  
[22] 2000-03-31  
[43] 2001-09-30

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[21] **2,303,574**  
[13] A1

[51] **Int.Cl. 7B65D 81/38 7B65D 81/18**  
[25] EN  
[54] **THERMALLY INSULATED PACKAGING FOR TEMPERATURE SENSITIVE PRODUCTS**  
[54] **EMBALLAGE THERMIQUEMENT ISOLE POUR PRODUITS THERMOSENSIBLES**  
[72] DOLAN, PAUL, ES  
[72] GUERRERO, OLIVIER, ES  
[72] SAVAN, GHASSAN, ES  
[72] HILL, TIM, ES  
[71] GDHS STRATEGIC DEVELOPMENT GROUP, S.L., ES  
[22] 2000-03-30  
[43] 2001-09-30

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[21] **2,303,582**  
[13] A1

[51] **Int.Cl. 7B26B 13/20 7A01G 3/02 7B25G 3/26**  
[25] EN  
[54] **SHEARS**  
[54] **GRANDS CISEAUX**  
[72] WU, CHIN-SUNG, TW  
[71] WU, CHIN-SUNG, TW  
[22] 2000-03-30  
[43] 2001-09-30

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[21] **2,303,583**  
[13] A1

[51] **Int.Cl. 7A61C 17/00 7A46B 15/00**  
[25] FR  
[54] **BROSSE D'IMPLANTOLOGIE 3 EN 1**  
[54] **3- IN-1 IMPLANT BRUSH**  
[72] SAMSON, VICKY, CA  
[71] SAMSON, VICKY, CA  
[22] 2000-03-30  
[43] 2001-09-30

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**Demandes canadiennes mises à la disponibilité du public**  
**30 septembre 2001 - 6 octobre 2001**

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[21] **2,303,584**  
[13] A1

[51] **Int.Cl. 7E04B 1/38**  
[25] EN  
[54] **BRACKET FOR CONSTRUCTING MODULAR DECK OR DOCK**  
[54] **SUPPORT POUR LA CONSTRUCTION DE TABLIER OU DE QUAI MODULAIRE**  
[72] OSFOLK, LUDWIG, CA  
[71] ALUMCO INC., CA  
[22] 2000-03-30  
[43] 2001-09-30

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[21] **2,303,585**  
[13] A1

[51] **Int.Cl. 7A63B 69/00**  
[25] FR  
[54] **DISPOSITIF D'ENTRAINEMENT POUR LES JEUX DE BALLE UTILISANT DES BATONS OU RAQUETTES**  
[54] **TRAINING DEVICE FOR BALL GAMES USING BATS OR RACKETS**  
[72] OUELLETTE, ALAIN J. P. R., CA  
[72] PELLAND, ANDRE, CA  
[72] SAULCE, ROGER LEON GEORGE, CA  
[71] OUELLETTE, ALAIN J. P. R., CA  
[71] PELLAND, ANDRE, CA  
[71] SAULCE, ROGER LEON GEORGE, CA  
[22] 2000-03-31  
[43] 2001-09-30

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[21] **2,303,589**  
[13] A1

[51] **Int.Cl. 7E21F 1/00**  
[25] EN  
[54] **OBLONG-SHAPE VENTILATOR FOR MINE DRIFT**  
[54] **VENTILATEUR A FORME OBLONGUE POUR GALERIES D'ACCES DE MINES**  
[72] KNIGHT, RONALD J., CA  
[72] NIEMINEN, ROBERT E., CA  
[72] KNIGHT, CLAUDE R., CA  
[71] KNIGHT, RONALD J., CA  
[71] NIEMINEN, ROBERT E., CA  
[71] KNIGHT, CLAUDE R., CA  
[22] 2000-03-30  
[43] 2001-09-30

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[21] **2,303,602**  
[13] A1

[51] **Int.Cl. 7H04B 10/08 7G01J 9/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MEASURING PHASE DIFFERENCES BETWEEN INTENSITY-MODULATED OPTICAL SIGNALS**  
[54] **METHODE ET APPAREIL DE MESURE DES DIFFERENCES DE PHASE ENTRE DES SIGNAUX OPTIQUES MODULES EN INTENSITE**  
[72] BABIN, FRANCOIS, CA  
[72] CYR, NORMAND, CA  
[71] BABIN, FRANCOIS, CA  
[71] CYR, NORMAND, CA  
[22] 2000-03-31  
[43] 2001-09-30

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[21] **2,303,604**  
[13] A1

[51] **Int.Cl. 7G06F 9/50**  
[25] EN  
[54] **FLEXIBLE BUFFERING SCHEME FOR MULTI-RATE SIMD PROCESSOR**  
[54] **PLAN DE MISE EN MEMOIRE TAMPON SOUPLE POUR PROCESSEURS SIMD A DEBITS MULTIPLES**  
[72] STACEY, FRED, CA  
[72] BOURGET, CHRISTIAN, CA  
[72] KUMAR, YATISH, CA  
[71] CATENA TECHNOLOGIES CANADA, INC., CA  
[22] 2000-03-31  
[43] 2001-09-30

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[21] **2,303,607**  
[13] A1

[51] **Int.Cl. 7A63B 53/04 7A63B 69/36**  
[25] EN  
[54] **INSEYED PUTTING ALIGNMENT SYSTEM**  
[54] **SYSTEME D'ALIGNEMENT DE LA PRATIQUE DU COUP ROULE**  
[72] LISTER, GARY, CA  
[71] LISTER, GARY, CA  
[22] 2000-04-03  
[43] 2001-10-03

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[21] **2,303,608**  
[13] A1

[51] **Int.Cl. 7H04M 11/06**  
[25] EN  
[54] **A SYSTEM AND METHOD FOR SYNCHRONIZING SAMPLE RATES OF VOICEBAND CHANNELS AND A DSL INTERFACE CHANNEL**  
[54] **SYSTEME ET METHODE DE SYNCHRONISATION DES DEBITS D'ECHANTILLONS DE CANAUX EN BANDE TELEPHONIQUE ET D'UN CANAL D'INTERFACE DSL**  
[72] STACEY, FRED, CA  
[72] RIVAUD, DAN, CA  
[72] MCCLENNON, SCOTT, CA  
[71] CATENA TECHNOLOGIES CANADA, INC., CA  
[22] 2000-03-31  
[43] 2001-09-30

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[21] **2,303,609**  
[13] A1

[51] **Int.Cl. 7A01K 27/00**  
[25] EN  
[54] **WONDER LEASH**  
[54] **LAISSE ETONNANTE**  
[72] CHOLEVA, TIBOR, CA  
[71] CHOLEVA, TIBOR, CA  
[22] 2000-04-04  
[43] 2001-10-04

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[21] **2,303,610**  
[13] A1

[51] **Int.Cl. 7G06K 11/18 7A47F 13/00 7G06F 3/033**  
[25] EN  
[54] **TRANSACTION TRAY WITH COMMUNICATIONS MEANS**  
[54] **PLATEAU DE TRANSACTION AVEC MOYENS DE COMMUNICATIONS**  
[72] MAXYMYCH, PETER NICHOLAS, CA  
[71] MAXYMYCH, PETER NICHOLAS, CA  
[22] 2000-03-31  
[43] 2001-09-30

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[21] **2,303,612**  
[13] A1  
[51] **Int.Cl. 7H01R 13/70 7H01R 25/00 7H01R 24/10**  
[25] EN  
[54] **AN INTEGRAL MULTI SWITCH**  
[54] **MULTICOMMUTEUR INTEGRE**  
[72] LINHUANG, CHIUN-YING, TW  
[71] LINHUANG, CHIUN-YING, TW  
[22] 2000-03-31  
[43] 2001-09-30

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[21] **2,303,619**  
[13] A1  
[51] **Int.Cl. 7A61G 7/00 7A61G 3/00 7E01B 25/22**  
[25] EN  
[54] **SUPPORT STRUCTURES**  
[54] **STRUCTURES DE SOUTIEN**  
[72] FAUCHER, MARTIN, CA  
[72] MOLINER, MICHAEL, CA  
[72] CORRIVEAU, MICHEL, CA  
[71] FAUCHER, MARTIN, CA  
[71] MOLINER, MICHAEL, CA  
[71] CORRIVEAU, MICHEL, CA  
[22] 2000-03-31  
[43] 2001-09-30

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[21] **2,303,621**  
[13] A1  
[51] **Int.Cl. 7A61B 5/16 7A61B 3/00 7A61B 5/00 7G06F 19/00**  
[25] EN  
[54] **ATTENTION DEFICIT HYPERACTIVITY DISORDER DETECTOR**  
[54] **DETECTEUR DE L'HYPERACTIVITE AVEC DEFICIT DE L'ATTENTION**  
[72] VICKERS, JOAN N., CA  
[72] RODRIGUES, SERGIO T., BR  
[71] UNIVERSITY TECHNOLOGIES INTERNATIONAL INC., CA  
[22] 2000-03-31  
[43] 2001-09-30

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[21] **2,303,622**  
[13] A1  
[51] **Int.Cl. 7E06B 9/386**  
[25] EN  
[54] **SLAT FOR A VENETIAN BLIND**  
[54] **LAME DE STORE VENITIEN**  
[72] HUANG, TAI-LONG, TW  
[71] HUANG, TAI-LONG, TW  
[22] 2000-03-31  
[43] 2001-09-30

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[21] **2,303,630**  
[13] A1  
[51] **Int.Cl. 7H04L 1/22**  
[25] EN  
[54] **A SYSTEM AND METHOD FOR FORWARD ERROR CORRECTION**  
[54] **SYSTEME ET METHODE DE CORRECTION D'ERREURS SANS VOIE DE RETOUR**  
[72] BENGOUGH, PETER, CA  
[71] CATENA TECHNOLOGIES CANADA, INC., CA  
[22] 2000-03-31  
[43] 2001-09-30

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[21] **2,303,631**  
[13] A1  
[51] **Int.Cl. 7H04J 1/08 7H04M 7/00**  
[25] EN  
[54] **A SYSTEM AND METHOD FOR PROGRAMMABLE SPECTRUM MANAGEMENT**  
[54] **SYSTEME ET METHODE DE GESTION PROGRAMMABLE DU SPECTRE**  
[72] DECZKY, ANDREW, CA  
[72] WEIRICH, ANDREAS, CA  
[72] BOOCOCK, JONATHAN, CA  
[72] FEELEY, MARK, CA  
[72] HJARTARSON, JIM, CA  
[71] CATENA TECHNOLOGIES CANADA, INC., CA  
[22] 2000-03-31  
[43] 2001-09-30

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[21] **2,303,632**  
[13] A1  
[51] **Int.Cl. 7G07C 11/00 7G06F 17/60**  
[25] EN  
[54] **SELF SERVE APPARATUS FOR PROCESSING THE RETURN OF LIBRARY MATERIALS**  
[54] **APPAREIL LIBRE-SERVICE POUR TRAITER LE RETOUR DE DOCUMENTS DE BIBLIOTHEQUE**  
[72] KUBLICK, EGON VALTER, DK  
[71] CODECO APS, DK  
[22] 2000-03-31  
[43] 2001-09-30

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[21] **2,303,635**  
[13] A1  
[51] **Int.Cl. 7H04M 3/22 7H04M 3/42**  
[25] EN  
[54] **FAIL TO POTS ARCHITECTURE**  
[54] **ARCHITECTURE DE TRANSFERT AU SERVICE TELEPHONIQUE ORDINAIRE EN CAS DE PANNE**  
[72] ISFAN, ALLAN, CA  
[72] WEIRICH, ANDREAS, CA  
[72] HJARTARSON, JIM, CA  
[71] CATENA TECHNOLOGIES CANADA, INC., CA  
[22] 2000-03-31  
[43] 2001-09-30

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[21] **2,303,639**  
[13] A1  
[51] **Int.Cl. 7A01G 13/02**  
[25] EN  
[54] **METHOD FOR ACCELERATING PLANT GROWTH WITH A PROTECTIVE COVERING**  
[54] **METHODE POUR ACCELERER LA CROISSANCE DE PLANTES A L'AIDE D'UN RECOUVREMENT PROTECTEUR**  
[72] HINSPERGER, PETER, CA  
[71] HINSPERGERS POLY INDUSTRIES LTD., CA  
[22] 2000-03-31  
[43] 2001-09-30

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[21] **2,303,643**  
[13] A1  
[51] **Int.Cl. 7E03C 1/04**  
[25] EN  
[54] **THERMO-ACOUSTIC INSULATION SYSTEM FOR SANITARY DEVICE**  
[54] **ENSEMBLE ISOLANT THERMO-ACOUSTIQUE POUR DISPOSITIF SANITAIRE**  
[72] PIMPARE, BRUNO, CA  
[72] GIGUERE, REGIS, CA  
[72] DUCHARME, ROBERT, CA  
[71] MAAX INC., CA  
[22] 2000-03-31  
[43] 2001-09-30

**Demandes canadiennes mises à la disponibilité du public**  
**30 septembre 2001 - 6 octobre 2001**

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[21] **2,303,645**  
[13] A1

[51] **Int.Cl. 7A47G 23/02**  
[25] EN  
[54] **CUP ANCHOR**  
[54] **FIXATION POUR TASSE**  
[72] DUNCHOCK, RICHARD STEPHEN, US  
[71] CHIEN, TZU-SHIR, TW  
[71] DUNCHOCK, RICHARD STEPHEN, US  
[71] HUANG, TZU-PING, TW  
[22] 2000-03-31  
[43] 2001-09-30

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[21] **2,303,648**  
[13] A1

[51] **Int.Cl. 7B25D 9/00**  
[25] EN  
[54] **PERCUSSION TOOL**  
[54] **OUTIL A PERCUSSION**  
[72] PAULHUS, ADRIAN J., CA  
[71] PAULHUS, GERALD J., CA  
[71] PAULHUS, ADRIAN J., CA  
[22] 2000-03-31  
[43] 2001-09-30

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[21] **2,303,652**  
[13] A1

[51] **Int.Cl. 7G09F 3/02 7B42D 15/08 7G09F 3/10**  
[25] EN  
[54] **COMBINATION SHIPPING LABEL/ INVOICE FORM**  
[54] **COMBINAISON ETIQUETTE D'EXPEDITION ET FORMULAIRE DE FACTURATION**  
[72] CHESS, STANLEY C., US  
[71] MOORE NORTH AMERICA, INC., US  
[22] 2000-04-05  
[43] 2001-10-03  
[30] US (09/541,930) 2000-04-03

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[21] **2,303,657**  
[13] A1

[51] **Int.Cl. 7H02K 3/04**  
[25] FR  
[54] **MACHINE ELECTRIQUE**  
[54] **ELECTRICAL MACHINE**  
[72] FRANGIE, NABIL H., CA  
[71] FRANGIE, NABIL H., CA  
[22] 2000-03-30  
[43] 2001-09-30

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[21] **2,303,670**  
[13] A1

[51] **Int.Cl. 7F17C 13/04 7B60S 5/02 7F17C 5/06**  
[25] EN  
[54] **APPARATUS AND METHOD FOR CONTROLLING AND PREVENTION OF VENTING OR GASEOUS FUEL TO ATMOSPHERE FROM A VEHICLE TANK AT COMPLETION OF A FUELLING PROCESS**  
[54] **APPAREIL ET METHODE DE COMMANDE ET DE PREVENTION DE MISE A L'AIR LIBRE DE CARBURANTS GAZEUX DEPUIS UN RESERVOIR SUR VEHICULE A LA FIN D'UN PROCESSUS**  
[72] CHAN, ANTHONY WAI PANG, CA  
[72] RACKHAM, RALPH, CA  
[71] FUELMAKER CORPORATION, CA  
[22] 2000-04-03  
[43] 2001-10-03  
[30] US (09/285,888) 2000-04-07

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[21] **2,303,673**  
[13] A1

[51] **Int.Cl. 7A63B 69/36 7A63B 53/00**  
[25] EN  
[54] **THE (SILENT) GOLF INSTRUCTOR**  
[54] **APPAREIL D'ENTRAINEMENT POUR LE GOLF « THE (SILENT) GOLF INSTRUCTOR »**  
[72] BEST, ISAAC WM., CA  
[71] BEST, ISAAC WM., CA  
[22] 2000-03-31  
[43] 2001-09-30

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[21] **2,303,675**  
[13] A1

[51] **Int.Cl. 7B27B 21/00 7B23D 59/00**  
[25] EN  
[54] **CHAINSAW BAR GUARD**  
[54] **DISPOSITIF PROTECTEUR DE SCIE A CHAINE**  
[72] PAQUIN, JOSEPH GERALD RONALD, CA  
[71] PAQUIN, JOSEPH GERALD RONALD, CA  
[22] 2000-04-03  
[43] 2001-10-03

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[21] **2,303,683**  
[13] A1

[51] **Int.Cl. 7B22F 3/02 7F16C 7/00 7F16H 55/00**  
[25] EN  
[54] **MULTIFUNCTION SPLIT POWDER METAL DIE**  
[54] **MATRICE METALLIQUE A POWDRE ENTAILLEE A PLUSIEURS USAGES**  
[72] PATARACCHIA, F. GEORGE, CR  
[71] PATARACCHIA, F. GEORGE, CR  
[22] 2000-04-03  
[43] 2001-10-03

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[21] **2,303,690**  
[13] A1

[51] **Int.Cl. 7A61B 5/00 7G06F 17/40**  
[25] EN  
[54] **III MILLENNIUM: WIDE SPECTRUM CRITICAL CARE MONITORING SYSTEM**  
[54] **III MILLENAIRE: SYSTEME DE SURVEILLANCE DE SOINS CRITIQUES A SPECTRE DE FREQUENCE LARGE**  
[72] MONTEIRO, GERARD EMILE, CA  
[71] MONTEIRO, GERARD EMILE, CA  
[22] 2000-04-05  
[43] 2001-10-05

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[21] **2,303,691**  
[13] A1

[51] **Int.Cl. 7E06B 7/28 7E06B 5/02 7G02B 23/08**  
[25] EN  
[54] **PARA-WINDOW**  
[54] **PARA-FENETRE**  
[72] BERKERS, JAMES H., CA  
[71] BERKERS, JAMES H., CA  
[22] 2000-04-05  
[43] 2001-10-05

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September 30, 2001 - October 6, 2001

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[21] **2,303,692**  
[13] A1  
[51] **Int.Cl. 7A61B 17/00**  
[25] EN  
[54] **SURGICAL LOOP WITH ASSOCIATED PLEDGET FOR CONSTRICTING AN ANATOMIC CONDUIT**  
[54] **BOUCLE CHIRURGICALE A TAMPON POUR CONSTRICTION D'UN CONDUIT ANATOMIQUE**  
[72] PAOLITTO, ANTHONY, CA  
[72] CARTIER, RAYMOND, CA  
[72] VALENTINI, VALERIO, CA  
[71] PAOLITTO, ANTHONY, CA  
[71] CARTIER, RAYMOND, CA  
[71] VALENTINI, VALERIO, CA  
[22] 2000-04-05  
[43] 2001-10-05

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[21] **2,303,720**  
[13] A1  
[51] **Int.Cl. 7C07F 9/572 7C10M 139/00 7C10M 155/04**  
[25] EN  
[54] **LUBRICANT ADDITIVE**  
[54] **ADDITIF LUBRIFIANT**  
[72] MACHIDA, HISASHI, JP  
[72] SEIKI, HIROMICHI, JP  
[72] HATA, HITOSHI, JP  
[71] IDEMITSU KOSAN COMPANY LIMITED, JP  
[71] NSK LTD., JP  
[22] 2000-04-05  
[43] 2001-10-05

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[21] **2,303,739**  
[13] A1  
[51] **Int.Cl. 7H04L 12/26 7H04L 12/24**  
[25] EN  
[54] **METHOD AND SYSTEM FOR MANAGING PERFORMANCE OF DATA TRANSFERS FOR A DATA ACCESS SYSTEM**  
[54] **METHODE ET SYSTEME DE GESTION DU RENDEMENT DES TRANSFERTS DE DONNEES POUR UN SYSTEME DE CONSULTATION DE DONNEES**  
[72] HASHIM, MOHAMED, CA  
[72] COLASANTE, FREDERICO, CA  
[72] DUMOVICH, FRANK, CA  
[72] GODIN, BENOIT, CA  
[71] WEBHANCER CORPORATION, CA  
[22] 2000-04-04  
[43] 2001-10-04

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[21] **2,303,754**  
[13] A1  
[51] **Int.Cl. 7F03B 13/18**  
[25] EN  
[54] **A MECHANICAL-HYDRAULIC CONVERTER OF THE WAVE ENERGY**  
[54] **HOULOMOTRICE MECANIQUE-HYDRAULIQUE**  
[72] PRAVDA, LIVIA, CA  
[72] PRAVDA, LASZLO, YU  
[71] PRAVDA, LIVIA, CA  
[71] PRAVDA, LASZLO, YU  
[22] 2000-04-03  
[43] 2001-10-03

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[21] **2,303,755**  
[13] A1  
[51] **Int.Cl. 7G02B 6/36**  
[25] EN  
[54] **FIBER OPTIC CONNECTOR WITH MAGNETIC GRIPPING MEANS**  
[54] **CONNECTEUR DE FIBRES OPTIQUES AVEC MOYENS MAGNETIQUES DE PRISE**  
[72] KIELLAND, PETER JOHANN, CA  
[71] KIELLAND, PETER JOHANN, CA  
[22] 2000-04-03  
[43] 2001-10-03

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[21] **2,303,756**  
[13] A1  
[51] **Int.Cl. 7F16L 55/10 7F17D 5/00**  
[25] EN  
[54] **PLUMBING TESTING DEVICE**  
[54] **APPAREIL TESTEUR DE ROBINETTERIE**  
[72] SMITH, MURRAY D., CA  
[71] SMITH, MURRAY D., CA  
[22] 2000-04-03  
[43] 2001-10-03

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[21] **2,303,757**  
[13] A1  
[51] **Int.Cl. 7E06C 7/16 7E04G 3/10**  
[25] EN  
[54] **A SUSPENDED SCAFFOLDING SYSTEM**  
[54] **SYSTEME D'ECHAFAUDAGE SUSPENDU**  
[72] CROCKER, LAWRENCE WILLIAM, CA  
[71] CROCKER, LAWRENCE WILLIAM, CA  
[22] 2000-04-04  
[43] 2001-10-04

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[21] **2,303,783**  
[13] A1  
[51] **Int.Cl. 7A63B 57/00**  
[25] EN  
[54] **TEE-MATE**  
[54] **TEE-MATE**  
[72] EDMUNDS, LYLE, CA  
[72] CALLAHAN, THOMAS, CA  
[71] EDMUNDS, LYLE, CA  
[71] CALLAHAN, THOMAS, CA  
[22] 2000-04-04  
[43] 2001-10-04

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[21] **2,303,962**  
[13] A1  
[51] **Int.Cl. 7B05B 1/14 7A01G 25/09**  
[25] EN  
[54] **A CENTER PIVOT SUSPENSION DISTRIBUTION SYSTEM**  
[54] **SYSTEME DE DISTRIBUTION DE SUSPENSION A PIVOT CENTRAL**  
[72] DORSETT, WENDELL E., US  
[72] LARUE, JACOB L., US  
[71] VALMONT INDUSTRIES, INC., US  
[22] 2000-04-06  
[43] 2001-10-06

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[21] **2,303,976**  
[13] A1  
[51] **Int.Cl. 7H01P 5/10**  
[25] EN  
[54] **STRIPLINE COUPLING**  
[54] **BRIDE DE GUIDE D'ONDES A RUBANS**  
[72] MOLDOVEANU, CALIN, CA  
[71] LARCAN INC., CA  
[22] 2000-04-06  
[43] 2001-10-06

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[21] **2,303,984**  
[13] A1  
[51] **Int.Cl. 7A61B 5/02 7A61B 5/024**  
[25] EN  
[54] **PORTABLE BLOOD PRESSURE AND PULSE MONITORING DEVICE**  
[54] **DISPOSITIF PORTATIF DE MESURE DE LA TENSION ARTERIELLE ET DU POULS**  
[72] ELBAZ, ARMAND J., CA  
[71] ELBAZ, ARMAND J., CA  
[22] 2000-04-06  
[43] 2001-10-06

**Demandes canadiennes mises à la disponibilité du public**  
**30 septembre 2001 - 6 octobre 2001**

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[21] **2,303,995**  
[13] A1

[51] **Int.Cl. 7E21B 19/22**  
[25] EN  
[54] **METHOD FOR EMLACING A COIL TUBING STRING IN A WELL**  
[54] **METHODE DE MISE EN PLACE D'UN TRAIN DE TUBES DE PRODUCTION CONCENTRIQUES DANS UN PUIT**  
[72] MOFFATT, TERRY GEORGE, CA  
[72] CHHINA, HARBIR SINGH, CA  
[72] MOMBOURQUETTE, IVAN G., CA  
[71] MOFFATT, TERRY GEORGE, CA  
[71] CHHINA, HARBIR SINGH, CA  
[71] MOMBOURQUETTE, IVAN G., CA  
[22] 2000-04-05  
[43] 2001-10-05

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[21] **2,304,063**  
[13] A1

[51] **Int.Cl. 7B60B 15/00**  
[25] EN  
[54] **WHEEL MOUNTED TRACTION DEVICE**  
[54] **DISPOSITIF DE TRACTION A FIXER AUX ROUES**  
[72] HUBSCHER, DARIN, CA  
[71] HUBSCHER FARMS LTD., CA  
[22] 2000-04-06  
[43] 2001-10-06

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[21] **2,304,264**  
[13] A1

[51] **Int.Cl. 7E04C 5/18 7E04C 3/32 7E04C 2/38 7E04B 2/58**  
[25] EN  
[54] **BRACKET FOR BRIDGING MEMBER FOR METAL STUD WALL**  
[54] **SUPPORT D'ELEMENT DE CONTREVENTEMENT POUR MUR A COLOMBAGE METALLIQUE**  
[72] RICE, JOHN, CA  
[71] BAILEY METAL PRODUCTS LIMITED, CA  
[22] 2000-03-31  
[43] 2001-09-30

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[21] **2,304,276**  
[13] A1

[51] **Int.Cl. 7F02M 31/16 7F02M 31/04**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PREHEATING FUEL IN VEHICLES POWERED BY INTERNAL COMBUSTION ENGINES**  
[54] **METHODE ET APPAREIL POUR LE PRECHAUFFAGE DU CARBURANT DANS LES VEHICULES A MOTEUR A COMBUSTION INTERNE**  
[72] BEEKMAN, WILLIAM JAN, CA  
[72] ERGEZINGER, HERMANN E., CA  
[71] BEEKMAN, WILLIAM JAN, CA  
[71] ERGEZINGER, HERMANN E., CA  
[22] 2000-03-31  
[43] 2001-09-30

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[21] **2,304,290**  
[13] A1

[51] **Int.Cl. 7B32B 35/00 7C03B 33/04**  
[25] EN  
[54] **METHOD OF TREATING A ROCK CHIP IN A VEHICULAR WINDSHIELD**  
[54] **METHODE DE TRAITEMENT D'UN ECLAT CAUSE PAR UNE PIERRE DANS UN PARE-BRISE DE VEHICULE**  
[72] CHOMAY, EDWARD JOHN, CA  
[71] CHOMAY, EDWARD JOHN, CA  
[22] 2000-03-31  
[43] 2001-09-30

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[21] **2,304,292**  
[13] A1

[51] **Int.Cl. 7A61M 16/12**  
[25] EN  
[54] **AN IMPROVED REBREATHING CIRCUIT TO SET AND STABILIZE END TIDAL AND ARTERIAL PCO2 DESPITE VARYING LEVELS OF MINUTE VENTILATION**  
[54] **CIRCUIT AMELIORE DE REINHALATION POUR ETABLIR ET STABILISER LA PCO2 DE FIN D'EXPIRATION ET ARTERIELLE MALGRE DES VARIATIONS DE DEBIT-VOLUME**  
[72] VESELY, ALEX, CA  
[72] SASANO, HIROSHI, CA  
[72] VOLGYESI, GEORGE, CA  
[72] FISHER, JOSEPH A., CA  
[72] TESLER, JANET, CA  
[71] FISHER, JOSEPH A., CA  
[22] 2000-03-31  
[43] 2001-09-30

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[21] **2,304,303**  
[13] A1

[51] **Int.Cl. 7A23K 1/14 7C09F 5/02 7A21D 2/38**  
[25] EN  
[54] **PROCESSING OF FLAXSEED**  
[54] **TRAITEMENT DE GRAINES DE LIN**  
[72] MYLLYMAKI, OLAVI, FI  
[71] HK RUOKATALO OYJ, FI  
[71] ELIXI OIL OY, FI  
[22] 2000-03-31  
[43] 2001-09-30

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[21] **2,304,347**  
[13] A1

[51] **Int.Cl. 7F24C 1/16 7F24B 1/18 7F24B 1/182**  
[25] EN  
[54] **PORTABLE STOVE FOR USE WITH A CONTAINER CONTAINING FUEL**  
[54] **RECHAUD PORTATIF UTILISABLE AVEC UN CONTENANT DE COMBUSTIBLE**  
[72] PECOSKIE, PHIL, CA  
[71] PECOSKIE, PHIL, CA  
[22] 2000-04-06  
[43] 2001-10-06

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[21] **2,304,353**  
[13] A1

[51] **Int.Cl. 7H04Q 7/24 7H04M 3/42**  
[25] EN  
[54] **TELEPHONE CALL MANAGER**  
[54] **GESTIONNAIRE D'APPELS TELEPHONIQUES**  
[72] SPENCER, BRADFORD, CA  
[72] MURRAY, KENT, CA  
[72] MURPHY, STEPHEN, CA  
[72] BENOIT, DAVID, CA  
[71] INFOINTERACTIVE INC., CA  
[22] 2000-04-06  
[43] 2001-10-06

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[21] **2,304,359**  
[13] A1

[51] **Int.Cl. 7E04H 15/06**  
[25] FR  
[54] **ABRI TOUT-TERRAIN (ATT)**  
[54] **ALL-TERRAIN SHELTER**  
[72] CLERMONT, JEAN, CA  
[71] CLERMONT, JEAN, CA  
[22] 2000-04-06  
[43] 2001-10-06

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[21] **2,304,406**  
[13] A1  
[51] **Int.Cl. 7F24H 3/00 7F24H 9/02**  
[25] FR  
[54] **UNITE DE CHAUFFAGE  
DIFFUSION ENCASTRABLE**  
[54] **BUILT-IN DIFFUSION HEATING  
UNIT**  
[72] RENDEL, ROBERT D., ZZ  
[72] LEW, RAY, ZZ  
[72] BARIBEAULT, JEAN, ZZ  
[72] BRASSARD, RAYNALD, ZZ  
[72] DUMONT, ERIC, ZZ  
[71] HYDRO-QUEBEC, CA  
[22] 2000-04-04  
[43] 2001-10-04

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[21] **2,304,407**  
[13] A1  
[51] **Int.Cl. 7F04B 1/16 7F04B 9/111**  
[25] EN  
[54] **MULTI-PISTON INTENSIFIER  
MULTIPLES**  
[72] ENDERLE, GORDON, US  
[72] FOX, DAMIR ANTON, CA  
[71] ENDERLE, GORDON, US  
[71] FOX, DAMIR ANTON, CA  
[22] 2000-04-03  
[43] 2001-10-03

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[21] **2,304,408**  
[13] A1  
[51] **Int.Cl. 7B62K 15/00 7A63C 17/06**  
[25] EN  
[54] **FOLDING DEVICE FOR A SKATE  
CART**  
[54] **DISPOSITIF DE REPLIAGE DE  
PATINETTE**  
[72] CHENG, JEN-YU, TW  
[71] CHENG, JEN-YU, TW  
[22] 2000-04-03  
[43] 2001-10-03

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[21] **2,304,412**  
[13] A1  
[51] **Int.Cl. 7B65G 33/24 7B65G 47/44**  
[25] EN  
[54] **AUGER FLOW CONTROL SPOUT  
WITH PRESSURE RELIEF**  
[54] **BUSE DE REGULATION DE DEBIT  
DE VIS A GRAIN AVEC FONCTION DE  
RELACHEMENT DE PRESSION**  
[72] HILL, LESLIE G., CA  
[72] TOFIN, DARCY, CA  
[71] TOFIN, DARCY, CA  
[22] 2000-04-04  
[43] 2001-10-04

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[21] **2,304,416**  
[13] A1  
[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **METHOD AND SYSTEM FOR  
ARRANGING VIA THE INTERNET FOR  
DISTRIBUTION OF NEW SECURITIES  
ISSUES**  
[54] **METHODE ET SYSTEME  
D'ORGANISATION PAR INTERNET DE  
LA DISTRIBUTION DE NOUVELLES  
EMISSIONS DE VALEURS**  
[72] MCINTYRE, DAVID M., CA  
[72] BARTLETT, CURTIS D., CA  
[71] BAYSTREETDIRECT INC., CA  
[22] 2000-04-04  
[43] 2001-10-04

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[21] **2,304,433**  
[13] A1  
[51] **Int.Cl. 7H04L 9/32**  
[25] EN  
[54] **GENERAL PURPOSE ACCESS  
RECOVERY SCHEME**  
[54] **CODE D'ACCES POLYVALENT**  
[72] JOHNSON, HAROLD J., CA  
[72] CHOW, STANLEY T., CA  
[72] GU, YUAN, CA  
[71] CLOAKWARE CORPORATION, CA  
[22] 2000-04-05  
[43] 2001-10-05

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[21] **2,304,441**  
[13] A1  
[51] **Int.Cl. 7A01N 25/08 7A01N 53/10  
7A01N 43/30**  
[25] EN  
[54] **CANDLE MOSQUITO AND FLY  
REPELLENT**  
[54] **BOUGIE INSECTIFUGE**  
[72] MARAVELIS, CONSTANTINOS, CA  
[71] MARAVELIS, CONSTANTINOS, CA  
[22] 2000-04-06  
[43] 2001-10-06

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[21] **2,304,459**  
[13] A1  
[51] **Int.Cl. 7E06B 9/24**  
[25] FR  
[54] **OMBRE & LUMIERE**  
[54] **SHADOW & LIGHT**  
[72] unknown, ZZ  
[71] DOC GERARD INC., CA  
[22] 2000-04-03  
[43] 2001-10-03

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[21] **2,306,524**  
[13] A1  
[51] **Int.Cl. 7H04L 12/16**  
[25] EN  
[54] **A SYSTEM AND METHOD FOR  
ENHANCED STREAMING MEDIA  
VIEWING**  
[54] **SYSTEME ET METHODE DE  
VISUALISATION AMELIOREE DE  
SIGNAUX MULTIMEDIAS DIFFUSES  
EN CONTINU**  
[72] REICHMANN, ABRAHAM, CA  
[71] REICHMANN, ABRAHAM, CA  
[22] 2000-04-25  
[43] 2001-09-30  
[30] CA (UNKNOWN) 2000-03-30

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[21] **2,307,273**  
[13] A1  
[51] **Int.Cl. 7C07G 5/00 7C07G 3/00 7C07J  
63/00 7C08B 37/06**  
[25] EN  
[54] **METHOD AND APPARATUS FOR  
MAKING HERBAL EXTRACTS USING  
PERCOLATION**  
[54] **METHODE ET APPAREIL POUR  
PREPARER DES EXTRAITS D'HERBES  
PAR PERCOLATION**  
[72] SWEET, EARLE C., CA  
[71] SWEET, EARLE C., CA  
[22] 2000-04-28  
[43] 2001-10-05  
[30] US (09/520,881) 2000-04-05

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[21] **2,310,365**  
[13] A1  
[51] **Int.Cl. 7C12N 5/12 7A61K 39/04  
7A61P 31/06 7A61K 9/12 7A61K 39/385  
7A61K 39/395 7A61K 39/44 7A61K 9/72**  
[25] EN  
[54] **PASSIVE AND ACTIVE  
PROTECTION AGAINST  
MYCOBACTERIAL INFECTIONS**  
[54] **PROTECTION PASSIVE ET  
ACTIVE CONTRE LES INFECTIONS  
MYCOBACTERIENNES**  
[72] ACOSTA-DOMINGUEZ, ARMANDO,  
CU  
[72] FALERO-DIAZ, GUSTAVO, CU  
[72] RAWKINS, ANN, GB  
[72] IVANYI, JURAJ, GB  
[72] CHALLACOMBE, STEPHEN, GB  
[72] MARSH, PHILIP, GB  
[71] MICROBIOLOGICAL RESEARCH  
AUTHORITY, GB  
[71] KING'S COLLEGE LONDON, GB  
[22] 2000-05-30  
[43] 2001-09-30  
[30] GB (0007850.1) 2000-03-31

**Demandes canadiennes mises à la disponibilité du public**  
**30 septembre 2001 - 6 octobre 2001**

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[21] **2,310,954**  
[13] A1

[51] **Int.Cl. 7B30B 15/30**  
[25] EN  
[54] **ROBOT-ACTUATED TRANSFER ASSEMBLY**  
[54] **ENSEMBLE DE TRANSFERT ACTIONNE PAR ROBOT**  
[72] DE BIASI, ATILIO, CA  
[71] DE BIASI INTERNATIONAL LIMITED, CA  
[22] 2000-06-07  
[43] 2001-10-06  
[30] US (09/543,905) 2000-04-06

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[21] **2,311,177**  
[13] A1

[51] **Int.Cl. 7B65H 51/16 7H02G 1/08**  
[25] FR  
[54] **PROCEDE ET DISPOSITIF POUR LA PROPULSION D'UN CABLE OU ANALOGUE A L'INTERIEUR D'UNE GAINE**  
[54] **PROCESS AND DEVICE FOR PROPELLING A CABLE OR ANALOGOUS MATERIAL WITHIN A SLEEVE**  
[72] RIVARD, DANIEL, FR  
[71] MARAIS SA, FR  
[22] 2000-06-06  
[43] 2001-09-30  
[30] FR (0004087) 2000-03-31

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[21] **2,311,607**  
[13] A1

[51] **Int.Cl. 7B42D 17/00**  
[25] EN  
[54] **SECURITY HARDWARE FOR CLAMPING MULTI-LEAFED MATERIALS**  
[54] **QUINCAILLERIE DE FIXATION PERMETTANT LE SERRAGE DE MATERIAUX A FEUILLES MULTIPLES**  
[72] AZZATO, ROBERT N., US  
[71] AZZATO, ROBERT N., US  
[22] 2000-06-14  
[43] 2001-09-30  
[30] US (09/540,130) 2000-03-31

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[21] **2,312,170**  
[13] A1

[51] **Int.Cl. 7G01S 5/14**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MEASURING DISPLACEMENT OF OBJECT USING GPS**  
[54] **METHODE ET APPAREIL DE MESURE DU DEPLACEMENT D'UN OBJET A L'AIDE DU GPS**  
[72] KATO, TERUYUKI, JP  
[72] ISSHIKI, HIROSHI, JP  
[72] KAKIMOTO, HIDESHI, JP  
[72] TSUCHIYA, ATSUSHI, JP  
[72] KINOSHITA, MASAO, JP  
[72] TERADA, YUKIHIRO, JP  
[71] KATO, TERUYUKI, JP  
[71] TSUCHIYA, ATSUSHI, JP  
[71] HITACHI ZOSEN CORPORATION, JP  
[22] 2000-06-22  
[43] 2001-09-30  
[30] JP (2000-96060) 2000-03-31

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[21] **2,312,204**  
[13] A1

[51] **Int.Cl. 7B32B 5/02 7D06N 3/04 7B32B 27/32 7A61F 13/512**  
[25] EN  
[54] **VACUUM COATED LAMINATES AND METHOD FOR MAKING SAME**  
[54] **LAMELLES ENDUITS SOUS VIDE, ET METHODE DE FABRICATION**  
[72] PATEL, SHAILESH CHUNILAL, US  
[72] DIPOTO, JAMES PETER, US  
[72] RAY, CARL DOUGLAS, US  
[71] TREDEGAR CORPORATION, US  
[22] 2000-06-23  
[43] 2001-10-05  
[30] US (09/543,314) 2000-04-05

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[21] **2,313,616**  
[13] A1

[51] **Int.Cl. 7G06T 7/00 7G06F 3/14 7H04N 7/18**  
[25] EN  
[54] **PORTABLE ELECTRONIC IMAGE CAPTURE PHOTOGRAPHIC WORK STATION**  
[54] **POSTE DE TRAVAIL PHOTOGRAPHIQUE PORTATIF POUR LA PRISE D'IMAGES ELECTRONIQUES**  
[72] HOLDEN, DOUGLAS A., US  
[72] WHITTEN, DAVID B., US  
[72] HELLING, JEFFREY M., US  
[71] HASCO INTERNATIONAL, INC., US  
[22] 2000-07-06  
[43] 2001-09-30  
[30] US (09/538,842) 2000-03-30

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[21] **2,313,723**  
[13] A1

[51] **Int.Cl. 7A63C 1/00**  
[25] EN  
[54] **ICE SKATEBOARD AND RUNNER THEREFOR**  
[54] **ROULI-ROULANT A GLACE ET GALETS CONNEXES**  
[72] LANDRY, SYLVAIN, CA  
[71] LANDRY, SYLVAIN, CA  
[22] 2000-07-12  
[43] 2001-09-30  
[30] US (09/357,676) 2000-03-31

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[21] **2,313,924**  
[13] A1

[51] **Int.Cl. 7E21B 10/08 7E21B 44/00**  
[25] EN  
[54] **OPTIMIZATION OF ECCENTRIC IMPACT SUPERIMPOSED COUNTER-BALANCED ROLLER B ITS**  
[54] **OPTIMISATION DE TREPANS A MOLETTES A CONTREPOIDS SUPERPOSES A IMPACT EXCENTRIQUE**  
[72] BECHEM, KLAUS, DE  
[72] BECHEM, PHILIP, DE  
[72] BECHEM, ULRICH, DE  
[71] HANNELORE BECHEM, DE  
[22] 2000-07-14  
[43] 2001-09-30  
[30] DE (10002213.8) 2000-03-31

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[21] **2,314,389**  
[13] A1

[51] **Int.Cl. 7D21H 13/08**  
[25] EN  
[54] **WATER-DECOMPOSABLE FIBROUS SHEET CONTAINING FIBRILLATED RAYON OF DIFFERENT FIBER LENGTH PROFILES**  
[54] **FEUILLE FIBREUSE SE DECOMPOSANT DANS L'EAU ET CONTENANT DE LA RAYONNE FIBRILLEE POSSEDANT DIVERSES REPARTITIONS DE LONGUEUR DE FIBRE**  
[72] TANIO, TOSHIYUKI, JP  
[72] OKADA, KAZUYA, JP  
[72] SHIMIZU, JYOJI, JP  
[72] TAKEUCHI, NAOHITO, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2000-07-24  
[43] 2001-09-30  
[30] JP (2000-99487) 2000-03-31

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[21] **2,314,391**  
[13] A1  
[51] **Int.Cl. 7B32B 5/06**  
[25] EN  
[54] **MULTI-LAYERED WATER-  
DECOMPOSABLE FIBROUS SHEET**  
[54] **FEUILLE FIBREUSE**  
**MULTICOUCHE SE DECOMPOSANT**  
**DANS L'EAU**  
[72] TAKEUCHI, NAOHITO, JP  
[72] OKADA, KAZUYA, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2000-07-24  
[43] 2001-09-30  
[30] JP (2000-99451) 2000-03-31

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[21] **2,317,141**  
[13] A1  
[51] **Int.Cl. 7G06F 17/60 7G06F 17/30**  
**7H04L 9/32**  
[25] EN  
[54] **METHOD AND SYSTEM FOR**  
**SELLING DATA**  
[54] **SYSTEME ET METHODE DE**  
**VENTE DE DONNEES**  
[72] KONDO, KAORI, JP  
[72] KODAMA, KAZUYUKI, JP  
[72] MATSUZAWA, SHIGERU, JP  
[71] HITACHI, LTD., JP  
[22] 2000-08-30  
[43] 2001-09-30  
[30] JP (2000-101212) 2000-03-31

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[21] **2,319,892**  
[13] A1  
[51] **Int.Cl. 7H01S 5/00 7H04J 14/02**  
**7H01S 5/065 7H01S 3/0941**  
[25] EN  
[54] **SOLID-STATE LASER AND**  
**OPTICAL TRANSMITTER**  
[54] **LASER A SEMICONDUCTEURS ET**  
**EMETTEUR OPTIQUE**  
[72] TOMARU, TATSUYA, JP  
[72] PETEK, HRVOJE, JP  
[71] HITACHI, LTD., JP  
[22] 2000-09-15  
[43] 2001-10-05  
[30] JP (2000-107973) 2000-04-05

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[21] **2,314,671**  
[13] A1  
[51] **Int.Cl. 7A61B 17/435 7A61M 25/00**  
[25] EN  
[54] **CATHETER SYSTEM FOR**  
**IMPLANTING EMBRYOS**  
[54] **SYSTEME DE CATHETER POUR**  
**LA TRANSPLANTATION**  
**D'EMBRYONS**  
[72] TAO, JUN, US  
[71] TAO, JUN, US  
[22] 2000-07-26  
[43] 2001-10-03  
[30] US (09/542,060) 2000-04-03

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[21] **2,317,861**  
[13] A1  
[51] **Int.Cl. 7A01B 73/04**  
[25] EN  
[54] **HINGE STRUCTURE FOR AN**  
**IMPLEMENT**  
[54] **STRUCTURE ARTICULEE**  
**D'EQUIPEMENT**  
[72] MOSDAL, BRIAN THOMAS, US  
[71] DEERE & COMPANY, US  
[22] 2000-09-08  
[43] 2001-10-03  
[30] US (09/541,219) 2000-04-03

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[21] **2,319,997**  
[13] A1  
[51] **Int.Cl. 7H04Q 7/32 7G10L 15/00**  
[25] EN  
[54] **METHOD AND SYSTEM OF**  
**OPERATING PORTABLE PHONE BY**  
**VOICE RECOGNITION**  
[54] **METHODE ET SYSTEME DE**  
**COMMANDE D'UN TELEPHONE**  
**PORTATIF PAR RECONNAISSANCE**  
**VOCALE**  
[72] LEE, SOO SUNG, KR  
[71] LEE, SOO SUNG, KR  
[22] 2000-09-20  
[43] 2001-10-04  
[30] KR (2000-17741) 2000-04-04

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[21] **2,315,609**  
[13] A1  
[51] **Int.Cl. 7B65D 3/22 7B65D 3/26**  
[25] EN  
[54] **COMPOSITE CONTAINER FOR**  
**VACUUM PACKAGING FOOD**  
**PRODUCTS SUCH AS DOUGH AND**  
**ASSOCIATED METHODS**  
[54] **CONTENEUR EN COMPOSITE**  
**POUR PRODUITS ALIMENTAIRES**  
**EMBALLES SOUS VIDE, COMME LA**  
**PATE, ET METHODES ASSOCIEES**  
[72] CAHILL, GLENDA J., US  
[72] LOWRY, JAMES W., US  
[71] SONOCO DEVELOPMENT, INC., US  
[22] 2000-08-11  
[43] 2001-10-05  
[30] US (09/543,779) 2000-04-05

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[21] **2,318,015**  
[13] A1  
[51] **Int.Cl. 7B42F 3/04**  
[25] EN  
[54] **RING BINDER HAVING**  
**ACTUATING LEVER WITH CUSHION**  
**MEMBER**  
[54] **RELIURE A ANNEAUX MUNIE**  
**D'UN LEVIER DE MANOEUVRE A**  
**ELEMENT COUSSINE**  
[72] TO, CHUN YUEN, HK  
[71] WORLD WIDE STATIONERY  
MANUFACTURING COMPANY  
LIMITED, HK  
[22] 2000-09-11  
[43] 2001-09-30  
[30] US (09/539,712) 2000-03-31

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[21] **2,324,810**  
[13] A1  
[51] **Int.Cl. 7C07C 9/16 7C07C 13/10**  
**7C07C 2/62**  
[25] EN  
[54] **INTEGRATED**  
**HYDROISOMERIZATION/  
ALKYLATION PROCESS**  
[54] **METHODE INTEGREE**  
**D'HYDROISOMERISATION/  
ALKYLATION**  
[72] RANDOLPH, BRUCE B., US  
[71] PHILLIPS PETROLEUM COMPANY,  
US  
[22] 2000-10-31  
[43] 2001-09-30  
[30] US (09/539,948) 2000-03-31

**Demandes canadiennes mises à la disponibilité du public**  
**30 septembre 2001 - 6 octobre 2001**

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[21] **2,324,889**  
[13] A1

[51] **Int.Cl. 7H01R 13/648 7H01R 4/66**  
[25] EN  
[54] **BRAIDED SHIELD TERMINATING  
POTTING BACKSHELL**  
[54] **COQUILLE D'ENROBAGE DE  
RACCORDEMENT AVEC BLINDAGE  
TRESSE**  
[72] JENETS, ROBERT J., US  
[71] WESTINGHOUSE AIR BRAKE  
TECHNOLOGIES CORPORATION, US  
[22] 2000-10-31  
[43] 2001-09-30  
[30] US (539,180) 2000-03-30

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[21] **2,325,161**  
[13] A1

[51] **Int.Cl. 7G06F 19/00 7G06F 3/14**  
[25] EN  
[54] **COMPUTER DISPLAY  
OPTIMIZER**  
[54] **OPTIMISEUR D'ECRAN  
D'ORDINATEUR**  
[72] WONG, ANDREW, US  
[71] XYBERNAUT CORPORATION, US  
[22] 2000-11-06  
[43] 2001-10-06  
[30] US (09/544,037) 2000-04-06

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[21] **2,325,979**  
[13] A1

[51] **Int.Cl. 7A47C 1/02**  
[25] EN  
[54] **ALL-LINKAGE RECLINING  
CHAIR WITH IMPROVED  
TENSIONING MECHANISM**  
[54] **FAUTEUIL INCLINABLE  
COMMANDE PAR TRINGLERIE  
SEULEMENT, AVEC TENDEUR  
AMELIORE**  
[72] LAPOINTE, LARRY P., US  
[71] LA-Z-BOY INCORPORATED, US  
[22] 2000-11-15  
[43] 2001-10-05  
[30] US (09/543,431) 2000-04-05

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[21] **2,326,086**  
[13] A1

[51] **Int.Cl. 7B65D 81/07 7B65B 23/10**  
[25] EN  
[54] **CONTAINER AND METHOD FOR  
MAKING CONTAINER FOR FRAGILE  
PRODUCTS**  
[54] **CONTENEUR POUR PRODUITS  
FRAGILES ET METHODE DE  
FABRICATION**  
[72] CLOUGHERTY, KENAN, US  
[72] GENTILE, MIKE, US  
[72] SINS, VERONIQUE, BE  
[72] MORROW, J. MARK, US  
[72] LOWRY, JAMES W., US  
[71] SONOCO DEVELOPMENT, INC., US  
[22] 2000-11-14  
[43] 2001-10-05  
[30] US (09/543,439) 2000-04-05

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[21] **2,326,787**  
[13] A1

[51] **Int.Cl. 7H04Q 3/00 7H04M 3/42  
7H04Q 3/78**  
[25] EN  
[54] **TERMINAL ADAPTER,  
COMPUTER-READABLE RECORDING  
MEDIUM, AND TERMINAL ADAPTER  
MANAGEMENT SYSTEM**  
[54] **ADAPTATEUR DE TERMINAL,  
SUPPORT D'ENREGISTREMENT  
LISIBLE PAR ORDINATEUR ET  
SYSTEME DE GESTION  
D'ADAPTATEUR DE TERMINAL**  
[72] KINOSHITA, KENTOKU, JP  
[71] SOPHIA INTERNATIONAL CO.,  
LTD., JP  
[22] 2000-11-24  
[43] 2001-10-06  
[30] JP (2000-104948) 2000-04-06

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[21] **2,329,262**  
[13] A1

[51] **Int.Cl. 7G01C 5/06 7G01C 25/00  
7B64D 47/00**  
[25] EN  
[54] **SYSTEM AND METHOD FOR  
IMPROVING THE ACCURACY OF  
PRESSURE ALTITUDE  
DETERMINATIONS IN AN INERTIAL  
NAVIGATION SYSTEM**  
[54] **SYSTEME ET METHODE  
PERMETTANT D'AMELIORER  
L'EXACTITUDE DES  
DETERMINATIONS D'ALTITUDE-  
PRESSION DANS UN SYSTEME DE  
NAVIGATION PAR INERTIE**  
[72] MARK, JOHN G., US  
[72] LOTTMAN, DEAN E., US  
[72] LOTTMAN, BRIAN T., US  
[72] TAZARTES, DANIEL A., US  
[71] LITTON SYSTEMS, INC., US  
[22] 2000-12-20  
[43] 2001-09-30  
[30] US (09/539,268) 2000-03-30

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[21] **2,329,263**  
[13] A1

[51] **Int.Cl. 7H01H 83/02**  
[25] EN  
[54] **ELECTRICAL FAULT SAFETY  
DEVICE**  
[54] **DISPOSITIF DE PROTECTION  
CONTRE LES DEFAUTS  
ELECTRIQUES**  
[72] TAYLOR, PAUL, US  
[72] LOUD, JOHN, US  
[72] NICKOLS, NICK, US  
[71] GENERAL DOMESTIC APPLIANCES  
LIMITED, GB  
[22] 2000-12-20  
[43] 2001-10-05  
[30] US (09/543,583) 2000-04-05

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September 30, 2001 - October 6, 2001

[21] **2,329,399**  
[13] A1

[51] **Int.Cl. 7B23D 36/00**  
[25] EN  
[54] **A METHOD AND DEVICE FOR MAKING A SERIES OF CUTS AT DIFFERENT ANGLES IN ONE OR MORE PANELS USING A PANEL SAWING MACHINE**  
[54] **METHODE ET DISPOSITIF POUR EFFECTUER UNE SERIE DE COUPES A ANGLES DIFFERENTS DANS UN OU PLUSIEURS PANNEAUX AU MOYEN D'UNE MACHINE A SCIER LES PANNEAUX**  
[72] BENUZZI, PIERGIORGIO, IT  
[71] GIBEN IMPIANTI S.P.A., IT  
[22] 2000-12-21  
[43] 2001-09-30  
[30] IT (BO2000A000176) 2000-03-30

[21] **2,329,604**  
[13] A1

[51] **Int.Cl. 7B32B 27/02 7E04B 1/66**  
[25] EN  
[54] **BREATHABLE HOUSEWRAP AND PROCESS OF MAKING SAME**  
[54] **ENVELOPPE IMPER-RESPIRANTE ET PROCEDE DE FABRICATION**  
[72] HANSBRO, JEFFREY M., US  
[72] LYNN, GREGORY M., US  
[71] CELOTEX CORPORATION, US  
[22] 2000-12-27  
[43] 2001-10-05  
[30] US (09/543,321) 2000-04-05

[21] **2,330,156**  
[13] A1

[51] **Int.Cl. 7F16K 21/00**  
[25] EN  
[54] **ROTARY VALVE FOR PARTICULATE MATERIALS**  
[54] **VANNE A BOISSEAU TOURNANT POUR PARTICULES**  
[72] INGRAM, GALEN S., US  
[71] THE YOUNG INDUSTRIES, INC., US  
[22] 2001-01-02  
[43] 2001-10-06  
[30] US (09/543,919) 2000-04-06

[21] **2,330,502**  
[13] A1

[51] **Int.Cl. 7F21V 21/14**  
[25] EN  
[54] **ADJUSTMENT MECHANISM FOR LUMINARE**  
[54] **MECANISME DE REGLAGE DE LUMINAIRE**  
[72] SUMMERFORD, ROBERT L., US  
[72] GUTIERREZ, ANTHONY J., US  
[71] GENLYTE THOMAS GROUP, LLC, US  
[22] 2001-01-09  
[43] 2001-10-05  
[30] US (09/542,786) 2000-04-05

[21] **2,331,405**  
[13] A1

[51] **Int.Cl. 7E05B 47/00 7E05B 19/00**  
[25] EN  
[54] **ELECTRONIC KEY ASSEMBLY WITH SPRING LOADED DATA PIN AND CONTACT**  
[54] **ENSEMBLE A CLE ELECTRONIQUE DOTE D'UNE BROCHE ET D'UN CONTACT DE DONNEES A RESSORT**  
[72] KAJUCH, PETE, US  
[72] BLANKENSHIP, BRIAN D., US  
[72] DOERR, ALAN, US  
[71] SCHLAGE LOCK COMPANY, US  
[22] 2001-01-19  
[43] 2001-10-06  
[30] US (60/195,492) 2000-04-06  
[30] US (60/222,832) 2000-08-04  
[30] US (09/765,811) 2001-01-19

[21] **2,331,946**  
[13] A1

[51] **Int.Cl. 7B42F 3/04**  
[25] EN  
[54] **RING BINDER HAVING ACTUATING LEVER WITH CUSHION MEMBER**  
[54] **RELIURE A ANNEAUX MUNIE D'UN LEVIER DE MANOEUVRE A ELEMENT COUSSINE**  
[72] TO, CHUN YUEN, HK  
[71] WORLD WIDE STATIONERY MANUFACTURING COMPANY LIMITED, HK  
[22] 2001-01-19  
[43] 2001-09-30  
[30] US (09/539,712) 2000-03-31  
[30] US (09/662,847) 2000-09-15

[21] **2,331,948**  
[13] A1

[51] **Int.Cl. 7B42F 3/04**  
[25] EN  
[54] **RING BINDER HAVING ACTUATING LEVER WITH CUSHION MEMBER**  
[54] **RELIURE A ANNEAUX MUNIE D'UN LEVIER DE MANOEUVRE A ELEMENT COUSSINE**  
[72] TO, CHUN YUEN, HK  
[71] WORLD WIDE STATIONERY MANUFACTURING COMPANY LIMITED, HK  
[22] 2001-01-19  
[43] 2001-09-30  
[30] US (09/539,712) 2000-03-31  
[30] US (09/665,948) 2000-09-21

[21] **2,331,950**  
[13] A1

[51] **Int.Cl. 7F16B 15/00**  
[25] EN  
[54] **ASYMMETRIC BEVEL CORRUGATED FASTENER**  
[54] **ATTACHE ONDULEE CONIQUE ASYMETRIQUE**  
[72] GODSTED, KENT B., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2001-01-19  
[43] 2001-09-30  
[30] US (09/540,387) 2000-03-31

[21] **2,331,973**  
[13] A1

[51] **Int.Cl. 7B42F 3/04**  
[25] EN  
[54] **RING BINDER HAVING ACTUATING LEVER WITH CUSHION MEMBER**  
[54] **RELIURE A ANNEAUX MUNIE D'UN LEVIER DE MANOEUVRE A ELEMENT COUSSINE**  
[72] TO, CHUN YUEN, HK  
[71] WORLD WIDE STATIONERY MANUFACTURING COMPANY LIMITED, HK  
[22] 2001-01-19  
[43] 2001-09-30  
[30] US (09/539,712) 2000-03-31  
[30] US (09/680,982) 2000-10-06

**Demandes canadiennes mises à la disponibilité du public**  
**30 septembre 2001 - 6 octobre 2001**

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[21] **2,331,974**  
[13] A1

[51] **Int.Cl. 7B42F 3/04**  
[25] EN  
[54] **RING BINDER HAVING ACTUATING LEVER WITH CUSHION MEMBER**  
[54] **RELIURE A ANNEAUX MUNIE D'UN LEVIER DE MANOEUVRE A ELEMENT COUSSINE**  
[72] TO, CHUN YUEN, HK  
[71] WORLD WIDE STATIONERY MANUFACTURING COMPANY LIMITED, HK  
[22] 2001-01-19  
[43] 2001-09-30  
[30] US (09/539,712) 2000-03-31  
[30] US (09/678,094) 2000-10-04

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[21] **2,332,215**  
[13] A1

[51] **Int.Cl. 7A43C 15/16**  
[25] EN  
[54] **A METHOD OF PRODUCING STUDS FOR SPORTS FOOTWEAR, IN PARTICULAR FOR USE IN FOOTBALL, STUDS PRODUCED BY THE METHOD, AND FOOTWEAR INCORPORATING STUDS THUS PRODUCED**  
[54] **METHODE DE PRODUCTION DE CRAMPONS POUR CHAUSSURES DE SPORT, EN PARTICULIER POUR LE FOOTBALL, CRAMPONS FABRIQUES PAR LA METHODE ET CHAUSSURES A CRAMPONS**  
[72] ANNOVI, GIUSEPPE, IT  
[71] BAUER ITALIA S.P.A., IT  
[22] 2001-01-25  
[43] 2001-10-04  
[30] IT (PD2000A000078) 2000-04-04

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[21] **2,334,393**  
[13] A1

[51] **Int.Cl. 7G06F 9/38 7G06F 9/48**  
[25] EN  
[54] **CONTROLLER FOR MULTIPLE INSTRUCTION THREAD PROCESSORS**  
[54] **CONTROLEUR POUR PROCESSEURS DE FILES D'INSTRUCTIONS MULTIPLES**  
[72] VERPLANKEN, FABRICE JEAN, FR  
[72] LEAVENS, ROSS BOYD, US  
[72] HEDDES, MARCO C., US  
[72] DAVIS, GORDON TAYLOR, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 2001-02-02  
[43] 2001-10-04  
[30] US (09/542,206) 2000-04-04

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[21] **2,334,556**  
[13] A1

[51] **Int.Cl. 7F01D 7/00 7F01D 5/18**  
[25] EN  
[54] **GAS TURBINE AND COMBINED CYCLE PLANT**  
[54] **TURBINE A GAZ ET CENTRALE A CYCLE COMBINE**  
[72] HAGI, NAOKI, JP  
[72] MAGOSHI, RYOTARO, JP  
[72] ICHIRYU, TAKU, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[22] 2001-02-08  
[43] 2001-09-30  
[30] JP (2000-099668) 2000-03-31

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[21] **2,335,218**  
[13] A1

[51] **Int.Cl. 7G06F 9/455 7G06F 12/02**  
[25] EN  
[54] **FILE SYSTEM LOCKING**  
[54] **SYSTEME DE VERROUILLAGE DE FICHIERS**  
[72] HUTCHISON, ROBERT BRIAN, US  
[72] SHIH, STUART TE-HUI, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 2001-02-09  
[43] 2001-09-30  
[30] US (09/539,335) 2000-03-30

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[21] **2,336,436**  
[13] A1

[51] **Int.Cl. 7C04B 11/26**  
[25] EN  
[54] **PROCESS FOR PRODUCING GYPSUM FROM A CALCIUM SULFITE GAS DESULFURIZATION SLURRY**  
[54] **METHODE DE PRODUCTION DE GYPSE A PARTIR D'UNE SUSPENSION CONTENANT DU SULFITE DE CALCIUM ET PROVENANT DE LA DESULFURATION DE GAZ**  
[72] COLLEGE, JOHN W., US  
[71] EASTROC LLC, US  
[22] 2001-03-01  
[43] 2001-10-04  
[30] US (09/542,321) 2000-04-04

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[21] **2,336,460**  
[13] A1

[51] **Int.Cl. 7H01M 10/26**  
[25] EN  
[54] **NON-AQUEOUS ELECTROLYTE SECONDARY CELL**  
[54] **PILE SECONDAIRE A ELECTROLYTE NON AQUEUX**  
[72] TAKAHASHI, MASATOSHI, JP  
[72] MORIMOTO, TAKUYA, JP  
[72] NISHIDA, NOBUMICHI, JP  
[71] SANYO ELECTRIC CO., LTD., JP  
[22] 2001-02-14  
[43] 2001-09-30  
[30] JP (2000-099616) 2000-03-31

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[21] **2,336,493**  
[13] A1

[51] **Int.Cl. 7G02B 5/18 7G02B 6/34**  
[25] EN  
[54] **MECHANICALLY INDUCED, LONG PERIOD OPTICAL FIBER GRATINGS**  
[54] **RESEAUX DE FIBRES OPTIQUES A PERIODE LONGUE ET INDUCTION MECANIQUE**  
[72] MOLLENAUER, LINN FREDERICK, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2001-03-01  
[43] 2001-10-05  
[30] US (09/543,267) 2000-04-05

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[21] **2,336,510**  
[13] A1

[51] **Int.Cl. 7C08G 77/18 7C09D 183/06**  
[25] EN  
[54] **METHOXY-FUNCTIONAL ORGANOPOLYSILOXANES, THEIR PREPARATION AND USE**  
[54] **ORGANOPOLYSILOXANES A FONCTIONS DU TYPE METHOXY, LEUR PREPARATION ET LEUR UTILISATION**  
[72] REUSMANN, GERHARD, DE  
[71] GOLDSCHMIDT AG, DE  
[22] 2001-02-14  
[43] 2001-10-06  
[30] DE (100 17 212.1) 2000-04-06

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Canadian Laid-Open Applications  
September 30, 2001 - October 6, 2001

[21] **2,337,172**  
[13] A1  
[51] **Int.Cl. 7G06F 9/38**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ALLOCATING FUNCTIONAL UNITS IN A MULTITHREADED VLIW PROCESSOR**  
[54] **METHODE ET APPAREILLAGE POUR ATTRIBUER DES UNITES FONCTIONNELLES DANS UN PROCESSEUR VLIW MULTIFILIERE**  
[72] BERENBAUM, ALAN DAVID, US  
[72] JEREMIASSEN, TOR E., US  
[72] HEINTZE, NEVIN, US  
[72] KAXIRAS, STEFANOS, US  
[71] AGERE SYSTEMS GUARDIAN CORPORATION, US  
[22] 2001-03-01  
[43] 2001-09-30  
[30] US (09/538,670) 2000-03-30

[21] **2,337,300**  
[13] A1  
[51] **Int.Cl. 7H04Q 7/36 7G01S 5/14**  
[25] EN  
[54] **LOCATION DETERMINATION USING WEIGHTED RIDGE REGRESSION**  
[54] **DETERMINATION D'EMPLACEMENT EN UTILISANT UNE METHODE DE REGRESSION DE CRETE PONDEREE**  
[72] DA, REN, US  
[72] TEKIN, IBRAHIM, US  
[72] CHEN, BYRON HUA, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2001-02-15  
[43] 2001-09-30  
[30] US (09/538,689) 2000-03-30

[21] **2,337,367**  
[13] A1  
[51] **Int.Cl. 7H04Q 7/36**  
[25] EN  
[54] **METHOD AND SYSTEM FOR SUBSCRIBER-CONFIGURABLE COMMUNICATIONS SERVICE**  
[54] **METHODE ET SYSTEME POUR UN SERVICE DE COMMUNICATIONS CONFIGURABLE PAR L'ABONNE**  
[72] ANDERLIND, ERIK EINAR, US  
[72] MILLER, SCOTT C., US  
[72] RAHMAN, MOHAMED ANISUR, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2001-02-15  
[43] 2001-09-30  
[30] US (09/540,933) 2000-03-31

[21] **2,337,539**  
[13] A1  
[51] **Int.Cl. 7F23J 11/02 7B08B 15/00 7E04H 6/42**  
[25] EN  
[54] **FIREHOUSE EXHAUST SYSTEM**  
[54] **SYSTEME D'ECHAPPEMENT DE CASERNE DE POMPIERS**  
[72] HANSEN, HAROLD W., US  
[72] HANSEN, JAMES N., US  
[72] HANSEN, JERALD W., US  
[71] ENERGY SAVING PRODUCTS, INC., US  
[22] 2001-02-21  
[43] 2001-09-30  
[30] US (09/539,354) 2000-03-31

[21] **2,337,569**  
[13] A1  
[51] **Int.Cl. 7C08F 230/08 7C09D 143/04**  
[25] EN  
[54] **SILICO-ACRYLIC COMPOSITIONS: METHOD FOR THEIR PREPARATION AND USE**  
[54] **COMPOSITIONS SILICO-ACRYLIQUES : METHODE DE PREPARATION ET D'UTILISATION**  
[72] WILHELM, DIDIER, FR  
[72] VU, NGOC CAN, FR  
[72] ERANIAN, ARMAND, FR  
[72] VINCENT, PHILIPPE, FR  
[71] CLARIANT (FRANCE), FR  
[22] 2001-02-22  
[43] 2001-10-03  
[30] FR (0004221) 2000-04-03

[21] **2,337,598**  
[13] A1  
[51] **Int.Cl. 7H04J 14/02 7H04B 10/12**  
[25] EN  
[54] **APPARATUS FOR DEMULTIPLEXING/MULTIPLEXING OPTICAL SIGNALS MODULATED WITH DIFFERENT DATA RATES IN WDM SYSTEMS**  
[54] **APPAREIL POUR LE DEMULTIPLIEXAGE/MULTIPLIEXAGE DE SIGNAUX OPTIQUES MODULES A DIFFERENTS DEBITS BINAIRES DANS DES SYSTEMES MRL**  
[72] LIN, WENHUA, US  
[72] SPECTOR, MAGALY, US  
[72] LIOU, KANG-YIH, US  
[72] MCKAY, BRADLEY A., US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2001-02-19  
[43] 2001-09-30  
[30] US (09/539,953) 2000-03-31

[21] **2,337,600**  
[13] A1  
[51] **Int.Cl. 7H04L 12/46 7H04L 12/44**  
[25] EN  
[54] **NETWORK AND PROTOCOLS FOR GROUP MULTICASTING**  
[54] **RESEAU ET PROTOCOLES DE MULTIDIFFUSION**  
[72] YENER, BULENT, US  
[72] CHEN, SHIWEN, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2001-02-19  
[43] 2001-09-30  
[30] US (09/539,589) 2000-03-31

[21] **2,337,657**  
[13] A1  
[51] **Int.Cl. 7H04L 27/34 7H03M 13/29**  
[25] EN  
[54] **MULTILEVEL CODING WITH UNEQUAL ERROR PROTECTION AND TIME DIVERSITY FOR BANDWIDTH EFFICIENT TRANSMISSION**  
[54] **CODAGE A PLUSIEURS NIVEAUX AVEC PROTECTION CONTRE L'ERREUR INEGALE ET DIVERSITE DANS LE TEMPS POUR TRANSMISSION EFFICACE DE LARGEUR DE BANDE**  
[72] LOU, HUI-LING, US  
[72] CHUNG, SAE-YOUNG, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2001-02-20  
[43] 2001-10-06  
[30] US (60/195,506) 2000-04-06  
[30] US (09/765,754) 2001-01-19

[21] **2,337,659**  
[13] A1  
[51] **Int.Cl. 7G06F 13/38**  
[25] EN  
[54] **BACKPLANE CONFIGURATION WITHOUT COMMON SWITCH FABRIC**  
[54] **CONFIGURATION DE FOND DE CASIER SANS MATRICE DE COMMUTATION COMMUNE**  
[72] HINTERLONG, STEPHEN JOSEPH, US  
[72] NOVOTNY, ROBERT ALLEN, US  
[72] BYERS, CHARLES CALVIN, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2001-02-20  
[43] 2001-10-06  
[30] US (09/544,099) 2000-04-06

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**30 septembre 2001 - 6 octobre 2001**

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[21] **2,337,704**  
[13] A1

[51] **Int.Cl. 7H04L 12/12 7H04L 29/08 7H04Q 7/20**  
[25] EN  
[54] **TRANSIENT TUNNELING FOR DYNAMIC HOME ADDRESSING ON MOBILE HOSTS**  
[54] **UTILISATION DE TUNNELS TRANSITOIRES POUR L'ETABLISSEMENT D'UNE ADRESSE DE BASE POUR ORDINATEURS HOTES MOBILES**  
[72] VARADHAN, KANNAN, US  
[72] THUEL, SANDRA R., US  
[72] RAMJEE, RAMACHANDRAN, US  
[72] LA PORTA, THOMAS F., US  
[72] SALGARELLI, LUCA, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2001-02-22  
[43] 2001-09-30  
[30] US (60/193,340) 2000-03-30  
[30] US (09/662,531) 2000-09-15

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[21] **2,337,708**  
[13] A1

[51] **Int.Cl. 7B65G 49/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR REGULATING INTERVAL OF SEEDLINGS**  
[54] **METHODE ET APPAREIL DE REGULATION D'INTERVALLES DE JEUNES PLANTS**  
[72] KAJI, MASAYUKI, JP  
[72] YAMAMOTO, NOBUHIRO, JP  
[71] CIRCLE TEKKO CO., LTD., JP  
[22] 2001-02-21  
[43] 2001-10-05  
[30] JP (2000-103985) 2000-04-05

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[21] **2,337,929**  
[13] A1

[51] **Int.Cl. 7H01Q 3/00 7H01Q 21/00 7H01Q 1/36**  
[25] EN  
[54] **METHOD OF PRODUCING DESIRED BEAM WIDTHS FOR ANTENNAS AND ANTENNA ARRAYS IN SINGLE OR DUAL POLARIZATION**  
[54] **METHODE DE PRODUCTION DES LARGEURS DE FAISCEAU DESIREES POUR DES ANTENNES ET DES RESEAUX D'ANTENNE A POLARISATION SIMPLE OU DOUBLE**  
[72] KORISCH, ILYA ALEXANDER, US  
[72] RULF, BENJAMIN, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2001-02-23  
[43] 2001-10-06  
[30] US (09/544,117) 2000-04-06

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[21] **2,337,962**  
[13] A1

[51] **Int.Cl. 7G06F 9/38**  
[25] EN  
[54] **METHOD AND APPARATUS FOR RELEASING FUNCTIONAL UNITS IN A MULTITHREADED VLIW PROCESSOR**  
[54] **METHODE ET APPAREILLAGE POUR LIBERER DES UNITES FONCTIONNELLES DANS UN PROCESSEUR VLIW MULTIFILIERE**  
[72] KAXIRAS, STEFANOS, US  
[72] JEREMIASSEN, TOR E., US  
[72] BERENBAUM, ALAN DAVID, US  
[72] HEINTZE, NEVIN, US  
[71] AGERE SYSTEMS GUARDIAN CORPORATION, US  
[22] 2001-02-26  
[43] 2001-09-30  
[30] US (09/538,669) 2000-03-30

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[21] **2,338,008**  
[13] A1

[51] **Int.Cl. 7G06F 9/38**  
[25] EN  
[54] **METHOD AND APPARATUS FOR IDENTIFYING SPLITTABLE PACKETS IN A MULTITHREADED VLIW PROCESSOR**  
[54] **METHODE ET APPAREILLAGE POUR IDENTIFIER DES PAQUETS DIVISIBLES DANS UN PROCESSEUR VLIW MULTIFILIERE**  
[72] BERENBAUM, ALAN DAVID, US  
[72] HEINTZE, NEVIN, US  
[72] JEREMIASSEN, TOR E., US  
[72] KAXIRAS, STEFANOS, US  
[71] AGERE SYSTEMS GUARDIAN CORPORATION, US  
[22] 2001-02-26  
[43] 2001-09-30  
[30] US (09/538,757) 2000-03-30

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[21] **2,338,653**  
[13] A1

[51] **Int.Cl. 7H01J 25/50**  
[25] EN  
[54] **MAGNETRONS**  
[54] **MAGNETRONS**  
[72] BRADY, MICHAEL BARRY CLIVE, GB  
[72] PICKERING, ALAN HUGH, GB  
[72] SALEEM, KESAR, GB  
[71] MARCONI APPLIED TECHNOLOGIES LIMITED, GB  
[22] 2001-02-27  
[43] 2001-09-30  
[30] GB (0007787.5) 2000-03-30

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September 30, 2001 - October 6, 2001

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[21] **2,338,910**  
[13] A1  
[51] **Int.Cl. 7G06F 17/21 7H04L 12/22**  
[25] EN  
[54] **METHODS, PRODUCTS AND APPARATUS FOR PROVIDING MACHINE UNINTELLIGIBLE, HUMAN UNDERSTANDABLE INFORMATION ON A COMMUNICATIONS NETWORK**  
[54] **METHODES, PRODUITS ET APPAREIL FOURNISSANT DE L'INFORMATION ININTELLIGIBLE PAR LA MACHINE ET COMPREHENSIBLE PAR L'HUMAIN SUR UN RESEAU DE COMMUNICATIONS**  
[72] DINKIN, SAMUEL, US  
[72] YU, PHILIP SHI-LUNG, US  
[72] BOIES, STEPHEN J., US  
[72] MOSKOWITZ, PAUL ANDREW, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 2001-02-28  
[43] 2001-10-04  
[30] US (09/542,757) 2000-04-04

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[21] **2,338,915**  
[13] A1  
[51] **Int.Cl. 7G06F 12/02 7G06F 17/30**  
[25] EN  
[54] **SYSTEM AND METHOD FOR CACHING SETS OF OBJECTS**  
[54] **SYSTEME ET METHODE DE CACHE DE SERIES D'OBJETS**  
[72] DEGENARO, LOUIS R., US  
[72] EHNEBUSKE, DAVID L., US  
[72] ROUVELLOU, ISABELLE M., US  
[72] IYENGAR, ARUN K., US  
[72] MCKEE, BARBARA JANE ALSPACH, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 2001-02-28  
[43] 2001-10-04  
[30] US (09/542,269) 2000-04-04

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[21] **2,338,925**  
[13] A1  
[51] **Int.Cl. 7G06F 17/24 7G06F 9/44**  
[25] EN  
[54] **METHOD AND SYSTEM FOR MODIFYING TEXT FILES FOR COMPUTER CONFIGURATION**  
[54] **METHODE ET SYSTEME POUR MODIFIER DES FICHIERS TEXTE EN FONCTION DE LA CONFIGURATION D'ORDINATEUR**  
[72] LEISERSON, JAY L., US  
[72] LEWIS, PAUL DAVID, US  
[72] BROWN, ROSALIE JENSEN, US  
[72] SPRING, EDUARDO N., US  
[72] CURTIS, BRYCE ALLEN, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 2001-02-28  
[43] 2001-09-30  
[30] US (09/539,847) 2000-03-31

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[21] **2,339,038**  
[13] A1  
[51] **Int.Cl. 7H04M 1/26 7G06K 9/00**  
[25] EN  
[54] **TELEPHONE WITH HANDWRITING RECOGNITION**  
[54] **ACCES PAR TELEPHONE AVEC RECONNAISSANCE D'ECRITURE**  
[72] PINARD, DEBBIE, CA  
[72] ODDY, DOUGLAS, CA  
[71] MITEL CORPORATION, CA  
[22] 2001-02-28  
[43] 2001-09-30  
[30] GB (0007580.4) 2000-03-30

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[21] **2,339,042**  
[13] A1  
[51] **Int.Cl. 7G02B 6/44 7E21B 47/01**  
[25] EN  
[54] **OPTICAL FEEDTHROUGH AND METHOD OF MAKING SAME**  
[54] **CONNEXION D'INTERFACE OPTIQUE ET METHODE DE REALISATION CONNEXE**  
[72] BICKFORD, GARY P., US  
[72] HOWARD, PETE, US  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[22] 2001-03-01  
[43] 2001-09-30  
[30] US (09/539,060) 2000-03-30

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[21] **2,339,310**  
[13] A1  
[51] **Int.Cl. 7G01R 31/00**  
[25] EN  
[54] **APPARATUS FOR DETERMINING FAILURE OF ELECTROMAGNETIC CLUTCH**  
[54] **APPAREIL DE DETERMINATION DES DEFAILLANCES D'UN EMBRAYAGE ELECTROMAGNETIQUE**  
[72] NISHIDA, KENZO, JP  
[72] NIHANDA, NORIHISA, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2001-03-05  
[43] 2001-10-03  
[30] JP (100587/2000) 2000-04-03

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[21] **2,339,319**  
[13] A1  
[51] **Int.Cl. 7G06F 17/00 7G06F 11/30**  
[25] EN  
[54] **SYSTEM AND METHOD FOR PREDICTING WEB USER FLOW BY DETERMINING ASSOCIATION STRENGTH OF HYPERMEDIA LINKS**  
[54] **SYSTEME ET METHODE POUR PREDIRE LES ACTIVITES DES UTILISATEURS DU WEB EN DETERMINANT LE DEGRE D'ASSOCIATION DES LIENS HYPERMEDIAS**  
[72] CHI, ED H., US  
[72] PITKOW, JAMES E., US  
[72] PIROLLO, PETER L., US  
[71] XEROX CORPORATION, US  
[22] 2001-03-02  
[43] 2001-09-30  
[30] US (09/540,976) 2000-03-31

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**30 septembre 2001 - 6 octobre 2001**

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[21] **2,339,391**  
[13] A1

[51] **Int.Cl. 7H04B 10/17 7G02B 6/16 7H01S 5/30**  
[25] EN  
[54] **SILICA GLASS COMPOSITION WITH LASING PROPERTIES, AN OPTICAL WAVEGUIDE AND METHOD OF AMPLIFYING OPTICAL SIGNALS**  
[54] **COMPOSITION DE VERRE DE SILICE AYANT DES PROPRIETES LASER, GUIDE D'ONDE OPTIQUE ET METHODE D'AMPLIFICATION DES SIGNAUX OPTIQUES**  
[72] WYATT, RICHARD, GB  
[72] PERCIVAL, ROBERT MICHAEL, GB  
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB  
[22] 2001-03-05  
[43] 2001-09-30  
[30] EP (00302694.5) 2000-03-30

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[21] **2,339,419**  
[13] A1

[51] **Int.Cl. 7B01D 53/56 7F23L 7/00**  
[25] EN  
[54] **METHOD FOR CONTROLLING NOX REMOVAL SYSTEM IN BOILER**  
[54] **METHODE DE CONTROLE DU SYSTEME D'EXTRACTION DES DU NOX DANS UNE CHAUDIERE**  
[72] ISHIZAKI, NOBUYUKI, CA  
[72] MASUDA, KOUICHI, JP  
[72] WAKASA, SATOSHI, JP  
[72] TAKUBO, NOBORU, JP  
[72] ISSHIKI, YUKIHIRO, JP  
[71] MIURA INSTITUTE OF RESEARCH & DEVELOPMENT CO., LTD., JP  
[71] MIURA CO., LTD., JP  
[22] 2001-03-06  
[43] 2001-09-30  
[30] JP (2000-092583) 2000-03-30  
[30] JP (2000-383029) 2000-12-18

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[21] **2,339,456**  
[13] A1

[51] **Int.Cl. 7F23J 15/02**  
[25] EN  
[54] **NOX REMOVAL SYSTEM FOR BOILERS**  
[54] **SYSTEME D'ELIMINATION DE NOX POUR CHAUDIERES**  
[72] ISSHIKI, YUKIHIRO, JP  
[72] TAKUBO, NOBORU, JP  
[72] MASUDA, KOUICHI, JP  
[72] ISHIZAKI, NOBUYUKI, CA  
[72] WAKASA, SATOSHI, JP  
[71] MIURA CO., LTD., JP  
[71] MIURA INSTITUTE OF RESEARCH & DEVELOPMENT CO., LTD., JP  
[22] 2001-03-05  
[43] 2001-09-30  
[30] JP (2000-092582) 2000-03-30

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[21] **2,339,448**  
[13] A1

[51] **Int.Cl. 7B60K 23/00 7B60K 17/34**  
[25] EN  
[54] **DRIVING FORCE CONTROL SYSTEM FOR FOUR-WHEEL DRIVE VEHICLES**  
[54] **SYSTEME DE COMMANDE DE FORCE MOTRICE POUR DES VEHICULES A QUATRE ROUES MOTRICES**  
[72] NISHIDA, KENZO, JP  
[72] NIHANDA, NORIHISA, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2001-03-05  
[43] 2001-09-30  
[30] JP (093991/2000) 2000-03-30  
[30] JP (100586/2000) 2000-04-03

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[21] **2,339,452**  
[13] A1

[51] **Int.Cl. 7B60K 17/34**  
[25] EN  
[54] **DRIVING FORCE CONTROL SYSTEM FOR FOUR-WHEEL DRIVE VEHICLES**  
[54] **SYSTEME DE COMMANDE DE FORCE D'ENTRAINEMENT POUR VEHICULES A QUATRE ROUES MOTRICES**  
[72] NISHIDA, KENZO, JP  
[72] NIHANDA, NORIHISA, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2001-03-07  
[43] 2001-10-06  
[30] JP (105465/2000) 2000-04-06

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[21] **2,339,456**  
[13] A1

[51] **Int.Cl. 7F23J 15/02**  
[25] EN  
[54] **NOX REMOVAL SYSTEM FOR BOILERS**  
[54] **SYSTEME D'ELIMINATION DE NOX POUR CHAUDIERES**  
[72] ISSHIKI, YUKIHIRO, JP  
[72] TAKUBO, NOBORU, JP  
[72] MASUDA, KOUICHI, JP  
[72] ISHIZAKI, NOBUYUKI, CA  
[72] WAKASA, SATOSHI, JP  
[71] MIURA CO., LTD., JP  
[71] MIURA INSTITUTE OF RESEARCH & DEVELOPMENT CO., LTD., JP  
[22] 2001-03-05  
[43] 2001-09-30  
[30] JP (2000-092582) 2000-03-30

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[21] **2,339,577**  
[13] A1

[51] **Int.Cl. 7H04J 14/02 7H04B 10/08**  
[25] EN  
[54] **OPTICAL WAVEFORM FOR USE IN A DWDM OPTICAL NETWORK AND SYSTEMS FOR GENERATING AND PROCESSING SAME**  
[54] **SIGNAL OPTIQUE POUR UTILISATION DANS UN RESEAU OPTIQUE DWDM ET SYSTEMES POUR GENERER ET TRAITER UN TEL SIGNAL**  
[72] PAVEL, LACRA, CA  
[72] HARLEY, JAMES, CA  
[71] NORTEL NETWORKS LIMITED, CA  
[22] 2001-03-06  
[43] 2001-09-30  
[30] US (09/539,706) 2000-03-31

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[21] **2,339,686**  
[13] A1

[51] **Int.Cl. 7B60P 7/08**  
[25] EN  
[54] **STAKE POCKET TIE DOWN**  
[54] **ATTACHE POUR LOGEMENT DE RIDELLE**  
[72] RUSU, WILLIAM, US  
[71] THE BUDD COMPANY, US  
[22] 2001-03-02  
[43] 2001-09-30  
[30] US (09/539,562) 2000-03-31

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[21] **2,339,894**  
[13] A1

[51] **Int.Cl. 7G06F 17/60 7G06K 19/06 7H04L 12/16**  
[25] EN  
[54] **AUTHENTICATION TECHNOLOGY OF DIGITAL BARCODE & NUMERICAL CODING SYSTEM**  
[54] **TECHNOLOGIE D'AUTHENTICIFICATION POUR SYSTEME NUMERIQUE A CODE A BARRES ET A CODAGE DES CHIFFRES**  
[72] HUANG, CHUN, CA  
[72] YAN, DONGSHENG, CA  
[71] HUANG, CHUN, CA  
[71] YAN, DONGSHENG, CA  
[22] 2001-02-28  
[43] 2001-10-01  
[30] CN (00105952.1) 2000-04-01

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[21] **2,340,037**  
[13] A1

[51] **Int.Cl. 7B60K 15/035**  
[25] EN  
[54] **VEHICLE REFUELING VALVE**  
[54] **ROBINET DE REMPLISSAGE DE VEHICULE**  
[72] ENGE, TREVOR L., US  
[71] BORGWARNER INC., US  
[22] 2001-02-28  
[43] 2001-10-04  
[30] US (09/542,595) 2000-04-04

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[21] **2,340,146**  
[13] A1

[51] **Int.Cl. 7H04B 7/155 7H01Q 21/00**  
[25] EN  
[54] **ANTENNA SYSTEM ARCHITECTURE**  
[54] **ARCHITECTURE DE SYSTEME D'ANTENNE**  
[72] JUDD, MANO D., US  
[72] MACA, GREGORY A., US  
[72] JACKSON, DONALD G., US  
[71] ANDREW CORPORATION, US  
[22] 2001-03-09  
[43] 2001-09-30  
[30] US (09/538,955) 2000-03-31

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[21] **2,340,149**  
[13] A1

[51] **Int.Cl. 7B60P 1/16**  
[25] EN  
[54] **DUAL ACTING TRUCK HOIST WITH SAFETY LATCH**  
[54] **TREUIL SUR CAMION A DOUBLE ACTION AVEC VERROU DE SECURITE**  
[72] JONES, ELDON D., US  
[71] JONES, ELDON D., US  
[22] 2001-03-09  
[43] 2001-10-05  
[30] US (09/543,363) 2000-04-05

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[21] **2,340,210**  
[13] A1

[51] **Int.Cl. 7B42B 5/08**  
[25] EN  
[54] **RING BINDER HAVING ACTUATING LEVER WITH CUSHION MEMBER**  
[54] **RELIURE A ANNEAUX A LEVIER DE COMMANDE AVEC ELEMENT COUSSINE**  
[72] TO, CHUN YUEN, HK  
[71] WORLD WIDE STATIONERY MANUFACTURING COMPANY LIMITED, HK  
[22] 2001-03-09  
[43] 2001-09-30  
[30] US (09/539,712) 2000-03-31  
[30] US (09/756,855) 2001-01-10

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[21] **2,340,272**  
[13] A1

[51] **Int.Cl. 7B01J 35/04 7H01M 8/06 7F01N 3/28 7B01D 53/88**  
[25] EN  
[54] **CELL STRUCTURE MOUNTING CONTAINER AND ASSEMBLY THEREOF**  
[54] **CONTENANT POUR MONTAGE DE STRUCTURE CELLULAIRE ET ASSEMBLAGE RESULTANT**  
[72] YAMADA, TOSHIO, JP  
[72] HIJIKATA, TOSHIHIKO, JP  
[72] ICHIKAWA, YUKIHITO, JP  
[71] NGK INSULATORS, LTD., JP  
[22] 2001-03-09  
[43] 2001-09-30  
[30] JP (2000-098817) 2000-03-31

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[21] **2,340,293**  
[13] A1

[51] **Int.Cl. 7H04L 29/02 7H04L 29/06**  
[25] EN  
[54] **TERMINAL-TO-TERMINAL COMMUNICATION CONNECTION CONTROL METHOD USING IP TRANSFER NETWORK**  
[54] **METHODE DE COMMANDE DES CONNEXIONS DE COMMUNICATION ENTRE TERMINAUX SUR UN RESEAU DE TRANSFERT IP**  
[72] FURUKAWA, HISAO, JP  
[72] MIYAGUCHI, SHOJI, JP  
[71] THE DISTRIBUTION SYSTEMS RESEARCH INSTITUTE, JP  
[71] MIYAGUCHI RESEARCH CO., LTD., JP  
[22] 2001-03-08  
[43] 2001-10-06  
[30] JP (2000-105023) 2000-04-06  
[30] JP (2000-179234) 2000-06-15  
[30] JP (2000-367085) 2000-12-01

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[21] **2,340,300**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C12P 13/04 7C12P 13/08 7C12N 15/09 7C12N 1/20 7C12N 15/63**  
[25] EN  
[54] **NUCLEOTIDE SEQUENCES THAT CODE FOR THE RPLK GENE AND METHODS OF USE THEREOF**  
[54] **SEQUENCES NUCLEOTIDIQUES CODANT POUR LE GENE RPLK ET METHODES D'UTILISATION**  
[72] MOCKEL, BETTINA, DE  
[72] WEHMEIER, LUTZ, DE  
[72] PUHLER, ALFRED, DE  
[72] KALINOWSKI, JORN, DE  
[72] TAUCH, ANDREAS, DE  
[71] DEGUSSA AG, DE  
[22] 2001-04-02  
[43] 2001-10-05  
[30] DE (100 17 057.9) 2000-04-05  
[30] US (09/568,023) 2000-05-10

**Demandes canadiennes mises à la disponibilité du public**  
**30 septembre 2001 - 6 octobre 2001**

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[21] **2,340,461**  
[13] A1

[51] **Int.Cl. 7C12N 9/48 7A61K 48/00 7A61K 38/58 7C12N 15/63**  
[25] EN  
[54] **HIRULOG-LIKE PEPTIDE AND GENE THERAPY**  
[54] **PEPTIDE DE TYPE HIRULOG ET THERAPIE GENETIQUE**  
[72] SHEN, GARY, CA  
[71] UNIVERSITY OF MANITOBA, CA  
[22] 2001-03-30  
[43] 2001-09-30  
[30] US (60/193,114) 2000-03-30

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[21] **2,340,497**  
[13] A1

[51] **Int.Cl. 7G11B 33/02**  
[25] EN  
[54] **COMPACT DISK RECEIVING DEVICE**  
[54] **APPAREIL RECEPTEUR DE DISQUE COMPACT**  
[72] KANG, SHIH-CHANG, TW  
[72] LIN, CHENG-CHIEN, TW  
[71] KANG, SHIH-CHANG, TW  
[71] LIN, CHENG-CHIEN, TW  
[22] 2001-03-13  
[43] 2001-09-30  
[30] US (09/541,009) 2000-03-31

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[21] **2,340,503**  
[13] A1

[51] **Int.Cl. 7F28D 3/04**  
[25] EN  
[54] **CONDENSER**  
[54] **CONDENSEUR**  
[72] WOLF, HARTWIG, CH  
[72] MURI, WERNER, CH  
[72] BLANGETTI, FRANCISCO LEONARDO, CH  
[71] ALSTOM POWER N.V., NL  
[22] 2001-03-12  
[43] 2001-09-30  
[30] DE (100 16 080.8) 2000-03-31

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[21] **2,340,511**  
[13] A1

[51] **Int.Cl. 7A61M 16/00**  
[25] EN  
[54] **A PORTABLE PARTIAL REBREATHING CIRCUIT TO SET AND STABILIZE END TIDAL AND ARTERIAL PCO2 DESPITE VARYING LEVELS OF MINUTE VENTILATION**  
[54] **CIRCUIT DE REINSPIRATION PARTIELLE PORTATIF POUR FIXER ET STABILISER LA PCO2 DANS L'AIR EXPIRE ET LE SANG ARTERIEL EN DEPIT DE NIVEAUX VARIABLES DE VENTILATION-MINUTE**  
[72] VESELEY, ALEX, CA  
[72] STENZLER, ALEX, US  
[72] SASANO, HIROSHI, CA  
[72] FISHER, JOSEPH, CA  
[72] ISCOE, STEVE, CA  
[71] VESELEY, ALEX, CA  
[71] STENZLER, ALEX, US  
[71] SASANO, HIROSHI, CA  
[71] FISHER, JOSEPH, CA  
[71] ISCOE, STEVE, CA  
[22] 2001-03-12  
[43] 2001-09-30  
[30] CA (2,304,292) 2000-03-31

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[21] **2,340,538**  
[13] A1

[51] **Int.Cl. 7B65H 45/28**  
[25] EN  
[54] **APPARATUS AND METHOD FOR FORMING A BLOCK OF FOLDED MATERIAL**  
[54] **APPAREIL ET METHODE DE FORMATION D'UN BLOC DE MATERIAU PLIE**  
[72] SANDER, THOMAS, DE  
[71] GEVAS  
VERPACKUNGSMASCHINEN GMBH, DE  
[22] 2001-03-13  
[43] 2001-09-30  
[30] EP (PCT/EP00/02873) 2000-03-31

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[21] **2,340,572**  
[13] A1

[51] **Int.Cl. 7G01R 31/28**  
[25] EN  
[54] **METHOD AND APPARATUS FOR TESTING IMAGE SENSING CIRCUIT ARRAYS**  
[54] **METHODE ET APPAREILLAGE POUR TESTER DES RESEAUX DE CIRCUITS DE PRISE D'IMAGE**  
[72] CHAMBERLAIN, GEORGE, CA  
[72] SCOTT-THOMAS, JOHN, CA  
[72] LITTLE, TOM, CA  
[72] MCDONALD, RON, CA  
[71] SYMAGERY MICROSYSTEMS INC., CA  
[22] 2001-03-13  
[43] 2001-09-30  
[30] US (09/538,905) 2000-03-30

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[21] **2,340,574**  
[13] A1

[51] **Int.Cl. 7B65D 75/70 7B65H 35/06 7B65D 77/40**  
[25] EN  
[54] **PAPERBOARD DISPENSER CARTON WITH PLASTIC CUTTING BLADE ON CARTON BODY**  
[54] **CARTON DE DISTRIBUTEUR DE CARTON AVEC LAME DE COUPE EN PLASTIQUE SUR LE CORPS DU CARTON**  
[72] PASSAMONI, PHILLIP L., US  
[71] GREEN BAY PACKAGING INC., US  
[22] 2001-03-13  
[43] 2001-09-30  
[30] US (09/539,003) 2000-03-30

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[21] **2,340,793**  
[13] A1

[51] **Int.Cl. 7B32B 5/04 7B32B 5/02**  
[25] EN  
[54] **ELASTICALLY STRETCHABLE COMPOSITE SHEET AND PROCESS FOR MAKING THE SAME**  
[54] **FEUILLE DE COMPOSITE ELASTIQUE ETIRABLE ET PROCEDE DE FABRICATION DUDIT PRODUIT**  
[72] OHATA, HIROYUKI, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2001-03-12  
[43] 2001-09-30  
[30] JP (2000-95475) 2000-03-30



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[21] 2,340,803  
[13] A1

[51] **Int.Cl. 7A63C 9/00**  
[25] EN  
[54] **STRAPLESS TOELOCK BINDING FOR SNOWBOARDS**  
[54] **FIXATION AVANT SANS SANGLE POUR PLANCHES A NEIGE**  
[72] RITTMAYER, GEOFFREY E., US  
[71] K-2 CORPORATION, US  
[22] 2001-03-14  
[43] 2001-10-03  
[30] US (09/541,422) 2000-04-03

[21] 2,340,806  
[13] A1

[51] **Int.Cl. 7H04J 14/00 7G02B 26/08 7G02B 6/26**  
[25] EN  
[54] **ADD-DROP OPTICAL SWITCHES INCLUDING PARALLEL FIXED AND MOVABLE REFLECTORS AND METHODS OF FABRICATING SAME**  
[54] **COMMUTATEURS OPTIQUES D'INSERTION-EXTRACTION COMPRENANT DES REFLECTEURS PARALLELES FIXES ET MOBILES ET METHODES DE FABRICATION DE CES DISPOSITIFS**  
[72] HILL, EDWARD ARTHUR, US  
[71] CRONOS INTEGRATED MICROSYSTEMS, INC., US  
[22] 2001-03-14  
[43] 2001-10-05  
[30] US (09/543,539) 2000-04-05

[21] 2,340,807  
[13] A1

[51] **Int.Cl. 7B81B 3/00**  
[25] EN  
[54] **MICROELECTROMECHANICAL ACTUATORS INCLUDING DRIVEN ARCHED BEAMS FOR MECHANICAL ADVANTAGE**  
[54] **ACTIONNEURS MICROELECTROMECHANIQUES COMPRENANT DES MICRO-POUTRES INCURVEES AMELIORANT L'ACTION MECANIQUE**  
[72] HILL, EDWARD ARTHUR, US  
[72] COWEN, ALLEN BRUCE, US  
[72] DHULER, VIJAYAKUMAR RUDRAPPA, US  
[72] WOOD, ROBERT L., US  
[72] MAHADEVAN, RAMASWAMY, US  
[71] CRONOS INTEGRATED MICROSYSTEMS, INC., US  
[22] 2001-03-14  
[43] 2001-10-05  
[30] US (09/542,672) 2000-04-05

[21] 2,340,810  
[13] A1

[51] **Int.Cl. 7G02B 26/08 7B81B 5/00**  
[25] EN  
[54] **MICROELECTROMECHANICAL OPTICAL CROSS-CONNECT SWITCHES INCLUDING MECHANICAL ACTUATORS AND METHODS OF OPERATING SAME**  
[54] **COMMUTATEURS MICROELECTROMECHANIQUES D'INTERCONNEXION OPTIQUE COMPRENANT DES ACTIONNEURS MECANIQUES ET METHODES D'UTILISATION DE CES DISPOSITIFS**  
[72] HILL, EDWARD ARTHUR, US  
[72] DHULER, VIJAYAKUMAR RUDRAPPA, US  
[71] CRONOS INTEGRATED MICROSYSTEMS, INC., US  
[22] 2001-03-14  
[43] 2001-10-05  
[30] US (09/542,170) 2000-04-05

[21] 2,340,819  
[13] A1

[51] **Int.Cl. 7D04H 3/16**  
[25] EN  
[54] **PROCESS FOR MAKING NONWOVEN FABRIC AND APPARATUS USED FOR THIS PROCESS**  
[54] **PROCEDE DE FABRICATION D'UN TEXTILE NON TISSE ET APPAREIL UTILISE POUR CE PROCEDE**  
[72] KOBAYASHI, TOSHIO, JP  
[72] TANGE, SATORU, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2001-03-14  
[43] 2001-09-30  
[30] JP (2000-95476) 2000-03-30

[21] 2,340,856  
[13] A1

[51] **Int.Cl. 7E06B 9/36**  
[25] EN  
[54] **OPERATION, CONTROL AND SUSPENSION SYSTEM FOR A VERTICAL VANE COVERING FOR ARCHITECTURAL OPENINGS**  
[54] **SYSTEME D'EXPLOITATION, DE COMMANDE ET DE SUSPENSION POUR L'HABILLAGE DE VOLETS VERTICAUX POUR OUVERTURES ARCHITECTURALES**  
[72] SWISZCZ, PAUL G., US  
[72] BOWMAN, RONALD L., US  
[71] HUNTER DOUGLAS INC., US  
[22] 2001-03-15  
[43] 2001-10-05  
[30] US (09/543,305) 2000-04-05

[21] 2,340,862  
[13] A1

[51] **Int.Cl. 7D21H 19/58**  
[25] EN  
[54] **WATERBORNE PAPER OR PAPERBOARD COATING COMPOSITION**  
[54] **COMPOSITION DE COUCHAGE A BASE D'EAU POUR PAPIER OU CARTON**  
[72] GLEESON, DAVID ALBERT, US  
[72] FINCH, WILLIAM CHRISTOPHER, US  
[72] BOBSEIN, BARRETT RICHARD, US  
[71] ROHM AND HAAS COMPANY, US  
[22] 2001-03-15  
[43] 2001-09-30  
[30] US (60/193,305) 2000-03-30  
[30] US (09/774,064) 2001-01-31

[21] 2,340,904  
[13] A1

[51] **Int.Cl. 7A61F 13/511**  
[25] EN  
[54] **FLEXIBLE COMPOSITE SHEET AND PROCESS FOR MAKING THE SAME**  
[54] **FEUILLE DE COMPOSITE SOUPLE ET PROCEDE DE FABRICATION DUDIT PRODUIT**  
[72] TAKAI, HISASHI, JP  
[72] SUZUKI, MIOU, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2001-03-14  
[43] 2001-09-30  
[30] JP (2000-96978) 2000-03-31

**Demandes canadiennes mises à la disponibilité du public**  
**30 septembre 2001 - 6 octobre 2001**

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[21] **2,340,910**  
[13] A1

[51] **Int.Cl. 7F25D 29/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR REFRIGERATION SYSTEM CONTROL HAVING ELECTRONIC EVAPORATOR PRESSURE REGULATORS**  
[54] **METHODE ET APPAREILLAGE POUR LA COMMANDE D'UN SYSTEME DE REFRIGERATION MUNI DE REGULATEURS ELECTRONIQUES DE PRESSION D'EVAPORATEUR**  
[72] SINGH, ABTAR, US  
[72] WALLACE, JOHN, US  
[72] WICKBERG, PAUL, US  
[72] CHABUCOS, JIM, US  
[71] **COMPUTER PROCESS CONTROLS, INC., US**  
[22] 2001-03-14  
[43] 2001-09-30  
[30] US (09/539,563) 2000-03-31

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[21] **2,340,944**  
[13] A1

[51] **Int.Cl. 7B81B 3/00 7B81B 5/00**  
[25] EN  
[54] **LOCKABLE MICROELECTROMECHANICAL ACTUATORS USING THERMOPLASTIC MATERIAL AND METHODS OF OPERATING SAME**  
[54] **ACTIONNEURS MICROELECTROMECHANIQUES VERROUILLABLES UTILISANT UN MATERIAU THERMOPLASTIQUE ET METHODE D'UTILISATION CORRESPONDANTE**  
[72] WOOD, ROBERT L., US  
[71] **CRONOS INTEGRATED MICROSYSTEMS, INC., US**  
[22] 2001-03-14  
[43] 2001-10-05  
[30] US (09/543,540) 2000-04-05

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[21] **2,341,038**  
[13] A1

[51] **Int.Cl. 7A61F 13/511**  
[25] EN  
[54] **PROCESS FOR MAKING ELASTICALLY STRETCHABLE COMPOSITE SHEET**  
[54] **PROCEDE DE FABRICATION DE FEUILLES DE COMPOSITE ETIRABLES ELASTIQUES**  
[72] YOSHIDA, MASAKI, JP  
[72] KOBAYASHI, TOSHIO, JP  
[72] OHATA, HIROYUKI, JP  
[71] **UNI-CHARM CORPORATION, JP**  
[22] 2001-03-19  
[43] 2001-09-30  
[30] JP (2000-99494) 2000-03-31

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[21] **2,341,046**  
[13] A1

[51] **Int.Cl. 7A61F 13/47 7A61F 13/511**  
[25] EN  
[54] **FLEXIBLE COMPOSITE SHEET**  
[54] **FEUILLE DE COMPOSITE SOUPLE**  
[72] TAKAI, HISASHI, JP  
[72] SUZUKI, MIOU, JP  
[71] **UNI-CHARM CORPORATION, JP**  
[22] 2001-03-19  
[43] 2001-09-30  
[30] JP (2000-99023) 2000-03-31

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[21] **2,341,087**  
[13] A1

[51] **Int.Cl. 7B60K 23/08**  
[25] EN  
[54] **DRIVING FORCE CONTROL SYSTEM FOR FOUR-WHEEL DRIVE VEHICLES**  
[54] **SYSTEME DE REGULATION DE LA FORCE MOTRICE POUR VEHICULES A QUATRE ROUES MOTRICES**  
[72] NISHIDA, KENZO, JP  
[72] NIHANDA, NORIHISA, JP  
[71] **HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP**  
[22] 2001-03-16  
[43] 2001-10-06  
[30] JP (105466/2000) 2000-04-06

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[21] **2,341,095**  
[13] A1

[51] **Int.Cl. 7H02K 3/00 7H02K 3/28**  
[25] EN  
[54] **STATOR WINDING FOR A VARIABLE SPEED BRUSHLESS DIRECT CURRENT (DC) MOTOR**  
[54] **ENROULEMENT DE STATOR POUR MOTEUR SANS BALAIS, A COURANT CONTINU (CC) ET A VITESSE VARIABLE**  
[72] CHEN, XIANZHEN, CA  
[71] **CHEN, XIANZHEN, CA**  
[22] 2001-03-16  
[43] 2001-10-05  
[30] CN (ZL00229603.9) 2000-04-05

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[21] **2,341,098**  
[13] A1

[51] **Int.Cl. 7G06F 15/76**  
[25] EN  
[54] **METHOD AND APPARATUS FOR SPLITTING PACKETS IN A MULTITHREADED VLIW PROCESSOR**  
[54] **METHODE ET APPAREILLAGE POUR DIVISER DES PAQUETS DANS UN PROCESSEUR VLIW MULTIFILIERE**  
[72] KAXIRAS, STEFANOS, US  
[72] HEINTZE, NEVIN, US  
[72] JEREMIASSEN, TOR E., US  
[72] BERENBAUM, ALAN DAVID, US  
[71] **AGERE SYSTEMS GUARDIAN CORPORATION, US**  
[22] 2001-03-21  
[43] 2001-09-30  
[30] US (09/538,755) 2000-03-30

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[21] **2,341,106**  
[13] A1

[51] **Int.Cl. 7F25D 21/14**  
[25] EN  
[54] **PORTABLE, POTABLE WATER RECOVERY AND DISPENSING APPARATUS**  
[54] **APPAREIL PORTABLE DE RECUPERATION ET DE DISTRIBUTION D'EAU POTABLE**  
[72] FORSBERG, FRANCIS C., US  
[71] **WORLDWIDE WATER, INC., US**  
[22] 2001-03-20  
[43] 2001-10-06  
[30] US (09/544,407) 2000-04-06

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September 30, 2001 - October 6, 2001

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[21] **2,341,108**  
[13] A1  
[51] **Int.Cl. 7G06K 9/52 7G06K 9/80**  
[25] EN  
[54] **METHOD AND APPARATUS FOR IDENTIFICATION OF DOCUMENTS, AND COMPUTER PRODUCT**  
[54] **METHODE ET APPAREILLAGE POUR IDENTIFIER DES DOCUMENTS ET PRODUIT INFORMATIQUE**  
[72] KAMEYAMA, HIROFUMI, JP  
[72] OHNISHI, MASATOSHI, JP  
[71] GLORY LTD., JP  
[22] 2001-03-16  
[43] 2001-09-30  
[30] JP (2000-095514) 2000-03-30

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[21] **2,341,118**  
[13] A1  
[51] **Int.Cl. 7F26B 25/06 7F26B 23/02 7F26B 3/04**  
[25] EN  
[54] **IMPROVED REHEATERS FOR KILNS, REHEATER-LIKE STRUCTURES, AND ASSOCIATED METHODS**  
[54] **RESURCHAUFFEURS AMELIORES POUR FOURS, STRUCTURES SEMBLABLES DE RECHAUFFEUR ET METHODES ASSOCIEES**  
[72] NAGEL, ROBERT T., US  
[72] CULP, GEORGE R., US  
[71] NAGEL, ROBERT T., US  
[71] CULP, GEORGE R., US  
[71] ROBERT T. NAGEL, US  
[22] 2001-03-16  
[43] 2001-09-30  
[30] US (09/538,177) 2000-03-30

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[21] **2,341,126**  
[13] A1  
[51] **Int.Cl. 7C22C 9/00 7C22F 1/08**  
[25] EN  
[54] **COPPER BASE ALLOY CASTING, AND METHODS FOR PRODUCING CASTING AND FORGING EMPLOYING COPPER BASE ALLOY CASTING**  
[54] **ALLIAGE DE FONTE A BASE DE CUIVRE ET METHODES DE MOULAGE ET DE FORGEAGE AYANT RECOURS A UN ALLIAGE DE FONTE A BASE DE CUIVRE**  
[72] MINO, KAZUAKI, JP  
[71] ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES CO., LTD., JP  
[22] 2001-03-16  
[43] 2001-10-05  
[30] JP (2000-103662) 2000-04-05

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[21] **2,341,127**  
[13] A1  
[51] **Int.Cl. 7B67B 7/44 7B67B 7/04**  
[25] EN  
[54] **MULTI-FUNCTION BOTTLE OPENER**  
[54] **OUVRE-BOUEILLE A TACHES MULTIPLES**  
[72] TSENG, JUSTIN, HK  
[71] COSTEK INTERNATIONAL LTD., HK  
[22] 2001-03-16  
[43] 2001-09-30  
[30] US (09/541,075) 2000-03-31

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[21] **2,341,306**  
[13] A1  
[51] **Int.Cl. 7B60D 1/167**  
[25] EN  
[54] **TRAILER HITCH ASSEMBLY WITH INTEGRAL TOW HOOKS**  
[54] **DISPOSITIF D'ATTELAGE DE REMORQUE AVEC CROCHETS DE REMORQUAGE INTEGRES**  
[72] LINDENMANN, THOMAS W., US  
[72] MCCOY, RICHARD W., US  
[71] REESE PRODUCTS, INC., US  
[22] 2001-03-20  
[43] 2001-10-03  
[30] US (60/194,501) 2000-04-03

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[21] **2,341,333**  
[13] A1  
[51] **Int.Cl. 7F17C 7/04 7B65D 81/18 7H05K 7/20**  
[25] EN  
[54] **APPARATUS AND METHOD FOR MAINTAINING A DRY ATMOSPHERE TO PREVENT MOISTURE ABSORPTION AND ALLOW DEMOISTURIZATION OF ELECTRONIC COMPONENTS**  
[54] **APPAREILLAGE ET METHODE POUR MAINTENIR UN MILIEU SEC POUR EMPECHER L'ABSORPTION D'HUMIDITE ET PERMETTRE LA DESHUMIDIFICATION DE COMPOSANTS ELECTRONIQUES**  
[72] RABIA, STEPHANE, US  
[72] BOYCE, KRISTEN, US  
[72] THERIAULT, MARTIN, US  
[71] L' AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED, FR  
[22] 2001-03-20  
[43] 2001-09-30  
[30] US (60/193,868) 2000-03-31  
[30] US (60/193,941) 2000-03-31  
[30] US (09/699,001) 2000-10-26

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[21] **2,341,560**  
[13] A1  
[51] **Int.Cl. 7H04L 12/16 7G06F 17/60**  
[25] EN  
[54] **ADVERTISEMENT PROVIDING SYSTEM AND METHOD**  
[54] **SYSTEME ET METHODE DE PUBLICITE ET DE COMMERCE ELECTRONIQUES**  
[72] ITO, NORIKO, JP  
[71] NEC CORPORATION, JP  
[22] 2001-03-20  
[43] 2001-09-30  
[30] JP (095391/2000) 2000-03-30

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[21] **2,341,617**  
[13] A1  
[51] **Int.Cl. 7E01B 7/00**  
[25] EN  
[54] **SUPERSTRUCTURE POINTS DEVICE**  
[54] **DISPOSITIF MULTI-POINTS DE SUPERSTRUCTURE**  
[72] DIETZE, ULRICH, DE  
[72] ZILLIEN, BURKHARD, DE  
[71] BWG BUTZBACHER WEICHENBAU GESELLSCHAFT MBH & CO. KG, DE  
[22] 2001-03-20  
[43] 2001-09-30  
[30] DE (100 16 015.8) 2000-03-31

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[21] **2,341,630**  
[13] A1  
[51] **Int.Cl. 7G06F 19/00 7G06F 17/30**  
[25] EN  
[54] **DATA PROVIDING SYSTEM AND METHOD**  
[54] **SYSTEME ET METHODE POUR FOURNIR DES DONNEES**  
[72] ITO, NORIKO, JP  
[71] NEC CORPORATION, JP  
[22] 2001-03-20  
[43] 2001-10-06  
[30] JP (105140/2000) 2000-04-06

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[21] **2,341,804**  
[13] A1  
[51] **Int.Cl. 7F16K 31/02**  
[25] EN  
[54] **AUTO-CALIBRATION OF A SOLENOID OPERATED VALVE**  
[54] **AUTO-ETALONNAGE D'UNE ELECTROVANNE**  
[72] STEPHENSON, DWIGHT B., US  
[71] HUSCO INTERNATIONAL, INC., US  
[22] 2001-03-22  
[43] 2001-10-03  
[30] US (09/541,813) 2000-04-03

**Demandes canadiennes mises à la disponibilité du public**  
**30 septembre 2001 - 6 octobre 2001**

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[21] **2,341,820**  
[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **AUTOMATED ON-LINE PORTFOLIO GENERATION**  
[54] **GENERATION AUTOMATISEE DE PORTEFEUILLE EN LIGNE**  
[72] ROSIN, ROY M., US  
[72] MACDONALD, CAROLE G., US  
[72] CARPENTER, CLAUDIA A., US  
[72] LANGSTON, JEFFREY A., US  
[72] TAN, JENNIE C., US  
[71] INTUIT, INC., US  
[22] 2001-03-22  
[43] 2001-09-30  
[30] US (09/541,363) 2000-03-31

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[21] **2,341,826**  
[13] A1

[51] **Int.Cl. 7E03C 1/18**  
[25] EN  
[54] **STRUCTURE FOR A WASHBASIN**  
[54] **STRUCTURE DE LAVABO**  
[72] FERRER BELTRAN, JOSE MARIA, ES  
[71] IBERGESFER, S.L., ES  
[22] 2001-03-21  
[43] 2001-10-05  
[30] EP (00 500 056.7) 2000-04-05

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[21] **2,341,836**  
[13] A1

[51] **Int.Cl. 7A61F 13/49**  
[25] EN  
[54] **BODY FLUID ABSORBENT SANITARY ARTICLE**  
[54] **ARTICLE HYGIENIQUE ABSORBANT LES LIQUIDES ORGANIQUES**  
[72] ONISHI, KAZUAKI, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2001-03-23  
[43] 2001-09-30  
[30] JP (2000- 99022) 2000-03-31

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[21] **2,341,841**  
[13] A1

[51] **Int.Cl. 7A21C 5/00**  
[25] EN  
[54] **DOUGH DIVIDER WITH PRESSURE RELIEF**  
[54] **SEPARATEUR DE PATE AVEC DETENDEUR DE PRESSION**  
[72] PETERSEN, BERNARD L., US  
[71] OLIVER PRODUCTS COMPANY, US  
[22] 2001-03-23  
[43] 2001-09-30  
[30] US (09/539,530) 2000-03-30

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[21] **2,341,935**  
[13] A1

[51] **Int.Cl. 7H04Q 7/24 7H04L 12/66**  
[25] EN  
[54] **METHOD AND SYSTEM ENABLING COMMUNICATIONS BETWEEN A SWITCHED TELEPHONE NETWORK AND A WIRELESS NETWORK**  
[54] **METHODE ET SYSTEME PERMETTANT LES COMMUNICATIONS ENTRE UN RESEAU TELEPHONIQUE COMMUTE ET UN RESEAU SANS FIL**  
[72] SYLVAIN, DANY D., CA  
[71] NORTEL NETWORKS LIMITED, CA  
[22] 2001-03-21  
[43] 2001-10-05  
[30] US (09/543,328) 2000-04-05

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[21] **2,341,963**  
[13] A1

[51] **Int.Cl. 7F28F 27/00**  
[25] EN  
[54] **COOLING METHOD AND SYSTEM FOR A ROTATING DRUM**  
[54] **DISPOSITIF ET METHODE DE REFROIDISSEMENT POUR TAMBOUR ROTATIF**  
[72] LEEDS, RICHARD, US  
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED, FR  
[22] 2001-03-23  
[43] 2001-10-03  
[30] US (09/541,225) 2000-04-03

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[21] **2,341,971**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7C12Q 1/06 7G01N 33/543**  
[25] EN  
[54] **METHOD FOR QUANTIFYING DNA BINDING ACTIVITY OF DNA BINDING PROTEINS**  
[54] **METHODE DE QUANTIFICATION DE L'ACTIVITE DE LIAISON DE L'ADN DE PROTEINES LIANT L'ADN**  
[72] KULESZ-MARTIN, MOLLY F., US  
[72] LIU, YUANGANG, US  
[71] HEALTH RESEARCH, INC., US  
[22] 2001-03-23  
[43] 2001-09-30  
[30] US (09/539,945) 2000-03-31

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[21] **2,341,983**  
[13] A1

[51] **Int.Cl. 7H04J 14/02 7H04B 10/16**  
[25] EN  
[54] **WAVELENGTH MULTIPLEXING SYSTEM, WAVELENGTH ADJUSTING SYSTEM, AND OPTICAL TRANSMITTER**  
[54] **SYSTEME DE MULTIPLEXAGE EN LONGUEUR D'ONDE, SYSTEME DE REGLAGE DE LONGUEUR D'ONDE ET EMETTEUR OPTIQUE**  
[72] TAKESHITA, HITOSHI, JP  
[72] HENMI, NAOYA, JP  
[71] NEC CORPORATION, JP  
[22] 2001-03-23  
[43] 2001-09-30  
[30] JP (2000-095047) 2000-03-30

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[21] **2,341,990**  
[13] A1

[51] **Int.Cl. 7D21H 27/00 7D21G 3/04 7B31F 1/14**  
[25] EN  
[54] **CREPING BLADE, CREPED PAPER, AND METHOD OF MANUFACTURING PAPER**  
[54] **LAME DE CREPAGE, PAPIER CREPE ET METHODE DE FABRICATION DE PAPIER**  
[72] MARINACK, ROBERT J., US  
[72] AWOFOESO, ANTHONY O., US  
[72] KERSHAW, THOMAS N., US  
[72] HARPER, FRANK D., US  
[71] GEORGIA-PACIFIC CORPORATION, US  
[22] 2001-03-26  
[43] 2001-09-30  
[30] US (09/540,267) 2000-03-31

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[21] **2,342,002**  
[13] A1

[51] **Int.Cl. 7A61B 5/03**  
[25] EN  
[54] **INTRACRANIAL PRESSURE MONITORING DEVICE AND METHOD FOR USE IN MR-GUIDED DRUG DELIVERY**  
[54] **DISPOSITIF ET METHODE DE SURVEILLANCE DE LA PRESSION INTRACRANIENNE POUR LA LIBERATION DE MEDICAMENTS ASSISTEE PAR RESONANCE MAGNETIQUE**  
[72] KUCHARCZYK, JOHN, US  
[72] TRUWIT, CHARLES L., US  
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US  
[22] 2001-03-26  
[43] 2001-10-03  
[30] US (09/541,288) 2000-04-03

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[21] **2,342,006**  
[13] A1

[51] **Int.Cl. 7B65G 23/08 7H02K 7/14 7H01R 13/46**  
[25] EN  
[54] **PASSAGE SEALING ELECTRICAL CONNECTOR FOR A MOTORIZED CONVEYOR PULLEY**  
[54] **CONNECTEUR ELECTRIQUE A SCHELLEMENT DE TRAVERSEE POUR POULIE DE TRANSPORTEUR MOTORISE**  
[72] BOUCHER, RYAN, US  
[72] FANNIN, DANIEL G., US  
[71] EMERSON ELECTRIC COMPANY, US  
[22] 2001-03-26  
[43] 2001-09-30  
[30] US (09/538,760) 2000-03-30

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[21] **2,342,009**  
[13] A1

[51] **Int.Cl. 7H04L 12/12 7G06F 17/60**  
[25] EN  
[54] **METHOD AND SYSTEM FOR ESTABLISHING CONTENT-FLEXIBLE CONNECTIONS IN A COMMUNICATIONS NETWORK**  
[54] **METHODE ET SYSTEME D'ETABLISSEMENT DE CONNEXIONS A CONTENU SOUPLE DANS UN RESEAU DE COMMUNICATIONS**  
[72] ROBERTS, KIM B., CA  
[71] NORTEL NETWORKS LIMITED, CA  
[22] 2001-03-26  
[43] 2001-09-30  
[30] US (09/539,707) 2000-03-31

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[21] **2,342,012**  
[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **PROFITS GIVE-BACK DEVICE, PROFITS GIVE-BACK METHOD, PROGRAM STORAGE MEDIA, PROFITS GIVE-BACK SYSTEM, CONTENT PROVIDING DEVICE, CONTENT PROVIDING METHOD, PROGRAM STORAGE MEDIA, ANDCONTENT PROVIDING SYSTEM**  
[54] **DISPOSITIF DE RETOUR DE PROFITS, METHODE DE RETOUR DE PROFITS, SUPPORT DE STOCKAGE DE PROGRAMME, SYSTEME DE RETOUR DE PROFITS, DISPOSITIF DE FOURNITURE DE CONTENU, METHODE DE FOURNITURE DE CONTENU, SUPPORT DE STOCKAGE DE PROGRAMME ET SYSTEME DE FOURNITURE DE CONTENU**  
[72] SUEYOSHI, TAKAHIKO, JP  
[72] NAKAMURA, TOSHINORI, JP  
[72] YOSHIMINE, TAKAO, JP  
[72] HANAYA, HIROYUKI, JP  
[72] TSUTSUI, MOTOTSUGU, JP  
[72] UCHIYAMA, NOBUYUKI, JP  
[71] SONY CORPORATION, JP  
[22] 2001-03-26  
[43] 2001-09-30  
[30] JP (P2000-097880) 2000-03-30  
[30] JP (P2000-097885) 2000-03-30

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[21] **2,342,013**  
[13] A1

[51] **Int.Cl. 7A61F 13/496**  
[25] EN  
[54] **SANITARY PANTY**  
[54] **CULOTTE PERIODIQUE**  
[72] WADA, MITSUHIRO, JP  
[72] SUGA, AYAMI, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2001-03-26  
[43] 2001-09-30  
[30] JP (2000-096859) 2000-03-31

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[21] **2,342,015**  
[13] A1

[51] **Int.Cl. 7A61F 13/496**  
[25] EN  
[54] **SANITARY PANTY**  
[54] **CULOTTE PERIODIQUE**  
[72] WADA, MITSUHIRO, JP  
[72] SUGA, AYAMI, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2001-03-26  
[43] 2001-09-30  
[30] JP (2000-096854) 2000-03-31

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[21] **2,342,028**  
[13] A1

[51] **Int.Cl. 7A61F 2/44 7A61F 2/28**  
[25] EN  
[54] **PLASTIC IMPLANT**  
[54] **IMPLANT EN PLASTIQUE**  
[72] KELLER, ARNOLD, DE  
[71] WALDEMAR LINK (GMBH & CO), DE  
[22] 2001-03-26  
[43] 2001-10-04  
[30] EP (00107331.1) 2000-04-04

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[21] **2,342,034**  
[13] A1

[51] **Int.Cl. 7H01S 5/065 7H01S 5/14**  
[25] EN  
[54] **LIGHT SOURCE FOR AN EXTERNAL CAVITY LASER**  
[54] **SOURCE LUMINEUSE POUR LASER A CAVITE EXTERNE**  
[72] ASAMI, KEISUKE, JP  
[71] ANDO ELECTRIC CO., LTD., JP  
[22] 2001-03-26  
[43] 2001-09-30  
[30] JP (2000-094212) 2000-03-30

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[21] **2,342,039**  
[13] A1

[51] **Int.Cl. 7B23K 31/02**  
[25] EN  
[54] **METHOD AND APPARATUS FOR RECEIVING A UNIVERSAL INPUT VOLTAGE IN A WELDING, PLASMA OR HEATING POWER SOURCE**  
[54] **METHODE ET APPAREIL DE RECEPTION D'UNE TENSION D'ENTREE UNIVERSELLE DANS UNE SOURCE D'ENERGIE DE SOUDAGE, A PLASMA OU DE CHAUFFAGE**  
[72] GEISSLER, STEVEN J., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2001-03-26  
[43] 2001-09-30  
[30] US (09/540,567) 2000-03-31

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**Demandes canadiennes mises à la disponibilité du public**  
**30 septembre 2001 - 6 octobre 2001**

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[21] **2,342,042**  
[13] A1

[51] **Int.Cl. 7G01N 27/327 7G01N 27/49 7G01N 33/50**  
[25] EN  
[54] **BIOSENSOR ELECTROMAGNETIC NOISE CANCELLATION**  
[54] **ANNULATION DE BRUIT ELECTROMAGNETIQUE DE BIOCAPTEUR**  
[72] ZIVITZ, MAURY, US  
[71] ROCHE DIAGNOSTICS CORPORATION, US  
[22] 2001-03-27  
[43] 2001-10-03  
[30] US (09/541,552) 2000-04-03

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[21] **2,342,052**  
[13] A1

[51] **Int.Cl. 7A61K 7/16**  
[25] EN  
[54] **TOOTH COATING COMPOSITION AND OVER-COATING COMPOSITION THEREFOR**  
[54] **COMPOSITION POUR COURONNE DENTAIRE ET COMPOSITION POUR COUCHE DE FINITION**  
[72] MIYAMA, TORAO, JP  
[72] MATSUMOTO, TAKASHI, JP  
[72] INAGAKI, KENJI, JP  
[72] URAI, KAORUKO, JP  
[72] AIDA, HARUMI, JP  
[72] TANAKA, KICHIZO, JP  
[71] HANIX CO. LTD., JP  
[22] 2001-03-26  
[43] 2001-09-30  
[30] JP (JP 2000-096339) 2000-03-31

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[21] **2,342,057**  
[13] A1

[51] **Int.Cl. 7F16H 59/02**  
[25] EN  
[54] **ROTARY SHIFT SELECTING APPARATUS FOR VEHICLE**  
[54] **APPAREIL ROTATIF DE SELECTION DE VITESSES POUR VEHICULE**  
[72] SUZUKI, TAKAYUKI, JP  
[72] MATSUMOTO, JUNJI, JP  
[72] ODA, SHIGEAKI, JP  
[72] KARUBE, SHINICHI, JP  
[72] TSURUTA, YUICHIRO, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[71] KABUSHIKI KAISHA ATSUMITEC, JP  
[22] 2001-03-26  
[43] 2001-09-30  
[30] JP (2000-095629) 2000-03-30  
[30] JP (2000-301134) 2000-09-29

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[21] **2,342,083**  
[13] A1

[51] **Int.Cl. 7A63F 13/10**  
[25] EN  
[54] **GAME SYSTEM AND COMPUTER-READABLE STORAGE MEDIUM CARRYING PROGRAM THEREFOR**  
[54] **SYSTEME DE JEU ET SUPPORT DE STOCKAGE LISIBLE PAR ORDINATEUR COMPORTANT UN PROGRAMME INTEGRE**  
[72] KAWAMURA, SADAHARU, JP  
[72] HATAKEYAMA, KEIICHI, JP  
[72] SHIMIZU, AKIHIRO, JP  
[72] MASUOKA, YASUHIRO, JP  
[72] SUZUKI, KENGO, JP  
[72] AKIMOTO, SEIJI, JP  
[72] SAKAMOTO, AKIO, JP  
[72] KOZAWA, AKIRA, JP  
[71] KONAMI CORPORATION, JP  
[22] 2001-03-27  
[43] 2001-09-30  
[30] JP (2000-96041) 2000-03-31

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[21] **2,342,091**  
[13] A1

[51] **Int.Cl. 7H04Q 3/52 7H04L 29/02 7H04Q 1/18**  
[25] EN  
[54] **MODULAR SWITCH WITH DYNAMIC BUS**  
[54] **COMMUTATEUR MODULAIRE AVEC BUS DYNAMIQUE**  
[72] YONA, NIR, IL  
[72] NAVON, GIDI, IL  
[72] SHIMONI, JACOB, IL  
[72] BEN MOSHE, YOSEF, IL  
[72] ITZHAKI, DORI, IL  
[72] FELDMAN, MICHAEL, IL  
[71] AVAYA TECHNOLOGY CORP., US  
[22] 2001-03-27  
[43] 2001-10-06  
[30] US (09/544,054) 2000-04-06

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[21] **2,342,113**  
[13] A1

[51] **Int.Cl. 7C09D 175/16**  
[25] EN  
[54] **COATING COMPOSITION CONTAINING UV-CURABLE URETHANE (METH) ACRYLATES CONTAINING ISOCYANATE GROUPS AND URETHANE (METH) ACRYLATES CONTAINING HYDROXYL GROUPS**  
[54] **COMPOSITION POUR COURONNE CONTENANT DES (METH)ACRYLATES D'URETHANE POLYMERISABLES AUX UV CONTENANT DES GROUPEMENTS ISOCYANATE ET DES (METH)ACRYLATES D'URETHANE CONTENANT DES GROUPEMENTS HYDROXYLE**  
[72] MUNDSTOCK, HOLGER, DE  
[72] WEIKARD, JAN, DE  
[72] SONNTAG, MICHAEL, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 2001-03-27  
[43] 2001-09-30  
[30] DE (10 01 6194.4) 2000-03-31

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[21] **2,342,114**  
[13] A1

[51] **Int.Cl. 7F01P 5/04**  
[25] EN  
[54] **VENTILATION DEVICE**  
[54] **DISPOSITIF DE VENTILATION**  
[72] WEBER, KONRAD, DE  
[71] DEERE & COMPANY, US  
[22] 2001-03-27  
[43] 2001-10-01  
[30] DE (100 16 435.8) 2000-04-01

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[21] **2,342,122**  
[13] A1  
[51] **Int.Cl. 7B05B 11/00 7A45D 34/00**  
[25] FR  
[54] **BOUTON-POUSSOIR A EFFET  
RESSORT**  
[54] **SPRING-LOADED PUSH BUTTON**  
[72] BETHUNE, ALAIN, FR  
[72] ROUSSELET, GUILHEM, FR  
[71] L'OREAL, FR  
[22] 2001-03-26  
[43] 2001-09-30  
[30] FR (00 04 125) 2000-03-31

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[21] **2,342,123**  
[13] A1  
[51] **Int.Cl. 7H01M 10/24 7H01M 10/28**  
[25] EN  
[54] **LITHIUM SECONDARY BATTERY  
AND MANUFACTURING METHOD  
THEREOF**  
[54] **BATTERIE SECONDAIRE AU  
LITHIUM ET METHODE DE  
FABRICATION DE CE PRODUIT**  
[72] KITOH, KENSHIN, JP  
[72] YOSHIDA, TOSHIHIRO, JP  
[72] KAWAMURA, KENJI, JP  
[72] ENOMOTO, AKIO, JP  
[71] NGK INSULATORS, LTD., JP  
[22] 2001-03-27  
[43] 2001-09-30  
[30] JP (2000-094233) 2000-03-30  
[30] JP (2001-037737) 2001-02-14

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[21] **2,342,129**  
[13] A1  
[51] **Int.Cl. 7H04Q 7/38**  
[25] FR  
[54] **SYSTEME D'ACCES A UN  
ENSEMBLE D'AUTOMATISME  
PROGRAMMABLE BASE SUR UNE  
ARCHITECTURE WAP**  
[54] **PROGRAMMABLE AUTOMATIC  
CONTROL ACCESS SYSTEM BASED  
ON WAP ARCHITECTURE**  
[72] ROUSSEAU, ROBERT, FR  
[72] HARDY, CHRISTIAN, FR  
[72] STAWIKOWSKI, JEAN-MARIE, FR  
[72] VINCENT, CHRISTOPHE, FR  
[71] SCHNEIDER AUTOMATION, FR  
[22] 2001-03-26  
[43] 2001-09-30  
[30] FR (00 04 669) 2000-03-31

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[21] **2,342,136**  
[13] A1  
[51] **Int.Cl. 7C01B 17/04**  
[25] EN  
[54] **TREATMENT OF GAS STREAMS  
CONTAINING HYDROGEN SULPHIDE**  
[54] **TRAITEMENT DE FLUX GAZEUX  
CONTENANT DE L'HYDROGENE  
SULFURE**  
[72] WATSON, RICHARD WILLIAM, GB  
[72] BALSE, VIJAY RAMANAND, US  
[72] GRAVILLE, STEPHEN RHYS, GB  
[71] THE BOC GROUP PLC, GB  
[22] 2001-03-27  
[43] 2001-10-05  
[30] GB (0008384.0) 2000-04-05  
[30] GB (0015982.2) 2000-06-29

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[21] **2,342,260**  
[13] A1  
[51] **Int.Cl. 7A47K 10/32**  
[25] EN  
[54] **MICROPROCESSOR  
CONTROLLED HANDS-FREE PAPER  
TOWEL DISPENSER**  
[54] **DISTRIBUTEUR D'ESSUIE-TOUT  
MAINS LIBRES COMMANDE PAR  
MICROPROCESSEUR**  
[72] COMPTON, JOHN I., US  
[72] ELLIOTT, ADAM T., US  
[71] BAY WEST PAPER CORPORATION,  
US  
[22] 2001-03-27  
[43] 2001-09-30  
[30] US (09/538,453) 2000-03-30

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[21] **2,342,263**  
[13] A1  
[51] **Int.Cl. 7E01H 5/04**  
[25] EN  
[54] **BLOWER APPARATUS WITH  
BRUSH FOR SCAVENGING SURFACES**  
[54] **SYSTEME DE SOUFFLAG AVEC  
BROSSE POUR LE BALAYAGE DES  
SURFACES**  
[72] GOTHAM, BROOKS M., US  
[71] GOTHAM, BROOKS M., US  
[22] 2001-03-27  
[43] 2001-10-03  
[30] US (09/541,565) 2000-04-03

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[21] **2,342,264**  
[13] A1  
[51] **Int.Cl. 7B60K 15/04**  
[25] EN  
[54] **FILLER NECK**  
[54] **COL DE REMPLISSAGE**  
[72] LACKNER, GERALD, AT  
[72] POZGAINER, GUNTHER, AT  
[72] PALVOELGYI, SANDOR, AT  
[72] MAIER, BERNHARD, AT  
[71] TESMA MOTOREN UND  
GETRIEBETECHNIK GES.M.B.H., AT  
[22] 2001-03-27  
[43] 2001-09-30  
[30] AT (GM 246/2000) 2000-03-31

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[21] **2,342,265**  
[13] A1  
[51] **Int.Cl. 7B60K 15/04 7B60K 15/01**  
[25] EN  
[54] **FILLER PIPE**  
[54] **TUYAU DE REMPLISSAGE**  
[72] POZGAINER, GUNTHER, AT  
[72] SUPPAN, WOLFGANG, AT  
[72] MAIER, BERNHARD, AT  
[71] TESMA MOTOREN UND  
GETRIEBETECHNIK GES.M.B.H., AT  
[22] 2001-03-27  
[43] 2001-09-30  
[30] AT (GM 245/2000) 2000-03-31

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[21] **2,342,267**  
[13] A1  
[51] **Int.Cl. 7H01L 33/00 7H01L 23/34**  
[25] EN  
[54] **LED INTEGRATED HEAT SINK**  
[54] **RADIATEUR ET DEL INTEGRES**  
[72] HOCHSTEIN, PETER A., US  
[71] RELUME CORPORATION, US  
[22] 2001-03-27  
[43] 2001-09-30  
[30] US (60/193,796) 2000-03-31

**Demandes canadiennes mises à la disponibilité du public**  
**30 septembre 2001 - 6 octobre 2001**

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[21] **2,342,268**  
[13] A1

[51] **Int.Cl. 7G06F 17/60 7G06F 19/00 7H04N 1/00**  
[25] EN  
[54] **BILL OF LADING TRANSMISSION AND PROCESSING SYSTEM FOR LESS THAN A LOAD CARRIERS**  
[54] **SYSTEME DE TRANSMISSION ET DE TRAITEMENT DES CONNAISSEMENTS POUR CHARGEMENTS OCCUPANT UNE PARTIE D'UN VEHICULE**  
[72] NAGHSHINEH, STEVE F., US  
[72] ROBERTS, RALPH L., US  
[71] R & L CARRIERS, INC., US  
[22] 2001-03-27  
[43] 2001-10-03  
[30] US (09/542,682) 2000-04-03

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[21] **2,342,279**  
[13] A1

[51] **Int.Cl. 7H01S 3/10 7H01S 5/06 7H04B 10/17**  
[25] EN  
[54] **ULTRA-LINEAR LASER DRIVE CIRCUIT**  
[54] **CIRCUIT DE COMMANDE LASER ULTRA-LINEAIRE**  
[72] THEODORAS, JAMES T., II, US  
[71] ALCATEL, FR  
[22] 2001-03-26  
[43] 2001-09-30  
[30] US (09/540,294) 2000-03-31

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[21] **2,342,285**  
[13] A1

[51] **Int.Cl. 7H01R 33/76 7H01R 43/18**  
[25] EN  
[54] **ELECTRICAL CONNECTOR**  
[54] **CONNECTEUR ELECTRIQUE**  
[72] LEMKE, TIMOTHY A., US  
[72] HOUTZ, TIMOTHY W., US  
[71] BERG TECHNOLOGY, INC., US  
[22] 2001-03-27  
[43] 2001-09-30  
[30] US (09/541,128) 2000-03-31

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[21] **2,342,286**  
[13] A1

[51] **Int.Cl. 7B25F 5/00 7H02K 7/14**  
[25] EN  
[54] **ELECTRIC MOTOR DEVICE FOR POWERING A TOOL CLAMP**  
[54] **DISPOSITIF A MOTEUR ELECTRIQUE ACTIONNANT UN COLLIER DE SERRAGE D'OUTIL**  
[72] TIBERGHIE, OLIVIER TANGUY, FR  
[72] PLOT, HERVE JEAN, FR  
[71] ARO, FR  
[22] 2001-03-27  
[43] 2001-09-30  
[30] FR (00 04122) 2000-03-31

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[21] **2,342,287**  
[13] A1

[51] **Int.Cl. 7B41J 2/175**  
[25] EN  
[54] **INK JET RECORDING APPARATUS AND INK TANK MOUNTED ON SUCH INK JET RECORDING APPARATUS**  
[54] **APPAREIL D'ENREGISTREMENT A JET D'ENCRE ET RESERVOIR D'ENCRE MONTE SUR CET APPAREIL D'ENREGISTREMENT A JET D'ENCRE**  
[72] FUKAZAWA, HIDEO, JP  
[72] HATASA, NOBUYUKI, JP  
[71] CANON KABUSHIKI KAISHA, JP  
[22] 2001-03-28  
[43] 2001-09-30  
[30] JP (2000-097621) 2000-03-31

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[21] **2,342,291**  
[13] A1

[51] **Int.Cl. 7B32B 5/04 7B29C 67/00 7B32B 5/08**  
[25] EN  
[54] **COMPOSITE SHEET AND PROCESS FOR MAKING THE SAME**  
[54] **FEUILLE DE COMPOSITE ET PROCEDE DE FABRICATION DE CE PRODUIT**  
[72] OHATA, HIROYUKI, JP  
[72] TANGE, SATORU, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2001-03-27  
[43] 2001-09-30  
[30] JP (2000-99888) 2000-03-31

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[21] **2,342,294**  
[13] A1

[51] **Int.Cl. 7B32B 5/04 7B32B 31/14**  
[25] EN  
[54] **PROCESS FOR MAKING ELASTICALLY STRETCHABLE COMPOSITE SHEET**  
[54] **PROCEDE DE FABRICATION DE FEUILLES DE COMPOSITE ELASTIQUES ETIRABLES**  
[72] MITSUNO, SATOSHI, JP  
[72] ISHIKAWA, HIDEYUKI, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2001-03-27  
[43] 2001-09-30  
[30] JP (2000-99887) 2000-03-31

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[21] **2,342,295**  
[13] A1

[51] **Int.Cl. 7G01S 17/88 7G01V 8/10 7G01N 21/17**  
[25] EN  
[54] **GLUE BEAD DETECTION SYSTEM**  
[54] **SYSTEME DE DETECTION DE BANDES DE COLLE**  
[72] BOLGER, RICHARD P., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2001-03-26  
[43] 2001-10-04  
[30] US (09/542,776) 2000-04-04

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[21] **2,342,296**  
[13] A1

[51] **Int.Cl. 7C08K 5/103 7C09D 175/16**  
[25] EN  
[54] **POLYURETHANE DISPERSIONS**  
[54] **DISPERSIONS DE POLYURETHANE**  
[72] MEIXNER, JURGEN, DE  
[72] KREMER, WOLFGANG, DE  
[72] LUHMANN, ERHARD, DE  
[72] WEIKARD, JAN, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 2001-03-27  
[43] 2001-10-03  
[30] DE (10 01 6548.6) 2000-04-03

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Canadian Laid-Open Applications  
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[21] **2,342,373**  
[13] A1  
[51] **Int.Cl. 7A47F 5/08**  
[25] EN  
[54] **MULTI PEG ADAPTER DEVICE**  
[54] **ADAPTATEUR DE FIXATION A**  
**POSITIONS MULTIPLES**  
[72] BERLINGIERI, ALFREDO, CA  
[71] BERLINGIERI, ALFREDO, CA  
[22] 2001-03-28  
[43] 2001-10-04  
[30] US (60/194,368) 2000-04-04

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[21] **2,342,374**  
[13] A1  
[51] **Int.Cl. 7E01H 5/06 7B60R 19/54**  
[25] EN  
[54] **SNOW REMOVING DEVICE**  
[54] **APPAREIL DE DENEIGEMENT**  
[72] BOUCHARD, GERMAIN, CA  
[71] BOUCHARD, GERMAIN, CA  
[22] 2001-03-29  
[43] 2001-10-05  
[30] GB (0008202.4) 2000-04-05

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[21] **2,342,377**  
[13] A1  
[51] **Int.Cl. 7A47B 23/04 7A47F 5/04**  
**7A47F 3/14**  
[25] EN  
[54] **MODULAR ROTATABLE TRAY**  
**SYSTEM**  
[54] **PLATEAU TOURNANT**  
**MODULAIRE**  
[72] PETRYNA, THOMAS M., CA  
[71] PETRYNA, THOMAS M., CA  
[22] 2001-03-28  
[43] 2001-10-04  
[30] US (09/542,925) 2000-04-04

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[21] **2,342,387**  
[13] A1  
[51] **Int.Cl. 7E21B 33/06**  
[25] EN  
[54] **BLOWOUT PREVENTER RAM**  
**ACTUATING MECHANISM**  
[54] **MECANISME A VERIN A PISTON**  
**PLONGEUR POUR BLOC**  
**OBTURATEUR**  
[72] JOHNSON, CHRIS DALE, US  
[71] VARCO SHAFFER, INC., US  
[22] 2001-03-28  
[43] 2001-09-30  
[30] US (09/540,071) 2000-03-31

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[21] **2,342,399**  
[13] A1  
[51] **Int.Cl. 7B60R 21/16 7F16B 39/00**  
[25] EN  
[54] **SIDE AIRBAG RETENTION**  
**SYSTEM AND FASTENER**  
[54] **SYSTEME DE RETENUE ET**  
**DISPOSITIF DE FIXATION DE**  
**COUSSIN GONFLABLE**  
[72] LEVEY, KENNETH R., US  
[72] PARKER, ERIC, US  
[72] CISTERNINO, FRANCO, US  
[72] ANDERSON, JEFFREY D., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2001-03-27  
[43] 2001-09-30  
[30] US (60/193,524) 2000-03-31  
[30] US (09/595,306) 2000-06-16

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[21] **2,342,422**  
[13] A1  
[51] **Int.Cl. 7H01H 71/00 7H01H 71/04**  
[25] EN  
[54] **OPERATION COUNTER FOR A**  
**CIRCUIT INTERRUPTER**  
[54] **COMPTEUR D'OPERATIONS**  
**POUR INTERRUPTEUR DE CIRCUIT**  
[72] NICOLAI, THEODORE J., US  
[72] BORCHARDT, GLENN R., US  
[72] BILLER, BRUCE A., US  
[71] S&C ELECTRIC COMPANY, US  
[22] 2001-03-28  
[43] 2001-09-30  
[30] US (09/540,650) 2000-03-31

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[21] **2,342,436**  
[13] A1  
[51] **Int.Cl. 7D21D 5/16**  
[25] EN  
[54] **SCREEN**  
[54] **TRAME**  
[72] GABL, HELMUTH, AT  
[72] PICHLER, AXEL, AT  
[72] GSCHIEDER, ALEXANDER, AT  
[71] ANDRITZ AG, AT  
[22] 2001-03-28  
[43] 2001-10-03  
[30] AT (A 552/2000) 2000-04-03

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[21] **2,342,440**  
[13] A1  
[51] **Int.Cl. 7H01L 33/00 7H01L 23/34**  
[25] EN  
[54] **L.E.D. THERMAL MANAGEMENT**  
[54] **GESTION THERMIQUE PAR DEL**  
[72] HOCHSTEIN, PETER A., US  
[71] RELUME CORPORATION, US  
[22] 2001-03-28  
[43] 2001-09-30  
[30] US (60/193,531) 2000-03-31  
[30] US (09/685,393) 2000-10-10

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[21] **2,342,441**  
[13] A1  
[51] **Int.Cl. 7H02K 15/02 7H02K 5/132**  
[25] EN  
[54] **AUTOMATED STATOR PRESS**  
[54] **PRESSE A STATOR**  
**AUTOMATISEE**  
[72] MORENO, RICHARD J., US  
[72] WATSON, DONALD C., US  
[71] SCHLUMBERGER CANADA  
LIMITED, CA  
[22] 2001-03-28  
[43] 2001-09-30  
[30] US (09/540,684) 2000-03-31

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[21] **2,342,452**  
[13] A1  
[51] **Int.Cl. 7B62D 55/26**  
[25] EN  
[54] **RUBBER PAD AND LOCK PIN FOR**  
**IRON CRAWLER BELT**  
[54] **TAMPON EN CAOUTCHOUC ET**  
**GOUPILLE DE SECURITE POUR**  
**CHENILLE EN FER**  
[72] MIYOSHI, YASUO, JP  
[71] MITSUBISHI STEEL MFG. CO., LTD.,  
JP  
[22] 2001-03-29  
[43] 2001-09-30  
[30] JP (2000-093899) 2000-03-30

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[21] **2,342,453**  
[13] A1  
[51] **Int.Cl. 7F41B 11/26**  
[25] EN  
[54] **MODEL GUN IN THE TYPE OF**  
**REVOLVER**  
[54] **MODELE D'ARME DE TYPE**  
**REVOLVER**  
[72] KUNIMOTO, KEIICHI, JP  
[71] WESTERN ARMS, JP  
[22] 2001-03-29  
[43] 2001-09-30  
[30] JP (2000-93544) 2000-03-30  
[30] JP (2000-96410) 2000-03-31

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**30 septembre 2001 - 6 octobre 2001**

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[21] **2,342,455**  
[13] A1

[51] **Int.Cl. 7F01D 9/00**  
[25] EN  
[54] **METHOD AND DETAIL FOR PROCESSING A STATOR VANE**  
[54] **METHODE DETAILLEE POUR LA MANIPULATION D'UNE AUBE DE STATOR**  
[72] HISKES, DAVID JAMES, US  
[71] UNITED TECHNOLOGIES CORPORATION, US  
[22] 2001-03-29  
[43] 2001-10-03  
[30] US (09/542,643) 2000-04-03

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[21] **2,342,456**  
[13] A1

[51] **Int.Cl. 7B66B 3/00 7B66B 5/00**  
[25] EN  
[54] **AUXILIARY DEVICE FOR DISPLACING A PAYLOAD RECEPTACLE OF A LIFT AND DEVICE FOR MONITORING THE POSITION AND THE MOVEMENT OF A CAGE IN A SHAFT OF A LIFT**  
[54] **DISPOSITIF D'AIDE AU DEPLACEMENT D'UN RECEPTEUR DE CHARGE UTILE D'ASCENSEUR AINSI QUE DISPOSITIF DE SURVEILLANCE DE LA POSITION ET DU DEPLACEMENT D'UNE CABINE DANS UNE CAGE D'ASCENSEUR**  
[72] BAMMERT, KURT, CH  
[71] INVENTIO AG, CH  
[22] 2001-03-29  
[43] 2001-09-30  
[30] EP (00810283.2) 2000-03-31

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[21] **2,342,457**  
[13] A1

[51] **Int.Cl. 7B66B 11/04**  
[25] EN  
[54] **AUXILIARY DEVICE FOR DISPLACING A PAYLOAD RECEPTACLE OF A LIFT**  
[54] **DISPOSITIF D'AIDE AU DEPLACEMENT D'UN RECEPTEUR DE CHARGE UTILE D'ASCENSEUR**  
[72] BAMMERT, KURT, CH  
[71] INVENTIO AG, CH  
[22] 2001-03-29  
[43] 2001-09-30  
[30] EP (00810282.4) 2000-03-31

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[21] **2,342,459**  
[13] A1

[51] **Int.Cl. 7A01D 43/063**  
[25] EN  
[54] **FRONT CUTTING GRASS-CUTTING MACHINE WITH CENTRAL CONTAINER AND REAR UNLOADING SYSTEM**  
[54] **MACHINE A CONTENEUR CENTRAL ET A DECHARGE ARRIERE POUR LA TONTE DE L'HERBE**  
[72] NEGRI, MAURIZIO, IT  
[72] ZACCARELLI, PAOLO, IT  
[71] OFFICINE BIEFFEBI S.R.L., IT  
[22] 2001-03-29  
[43] 2001-10-04  
[30] IT (MI2000A 721) 2000-04-04

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[21] **2,342,462**  
[13] A1

[51] **Int.Cl. 7B25G 1/04 7B05C 17/02 7B05C 1/08**  
[25] EN  
[54] **PAINT ROLLER AND EXTENSION POLE**  
[54] **ROULEAU A PEINTURE ET TIGE RALLONGE**  
[72] WALSH, MICHAEL J., US  
[72] WOODNORTH, BRIAN E., US  
[72] SERIO, CRAIG S., US  
[71] NEWELL OPERATING COMPANY, US  
[22] 2001-03-30  
[43] 2001-09-30  
[30] US (60/193,219) 2000-03-30

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[21] **2,342,463**  
[13] A1

[51] **Int.Cl. 7C08G 18/42 7A61L 24/04 7A61L 27/18**  
[25] EN  
[54] **BIOMEDICAL POLYURETHANE-AMIDE, ITS PREPARATION AND USE**  
[54] **POLYURETHANE-AMIDE BIOMEDICAL, SA PREPARATION ET SON UTILISATION**  
[72] BELGRAVER, VINCENT WILLEM, NL  
[72] PENNING, ALBERT JOHAN, BE  
[71] GROOT, JACQUELINE HERMINA, NL  
[72] SPAANS, COENRAAD JAN, NL  
[72] RIENSTRA, ONNO, NL  
[71] POLYGANICS B.V., NL  
[22] 2001-03-30  
[43] 2001-09-30  
[30] EP (00201189.8) 2000-03-31

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[21] **2,342,464**  
[13] A1

[51] **Int.Cl. 7C07C 43/11 7C07C 41/18 7C07C 273/18 7C07C 275/28 7C08J 11/28 7C07C 211/50 7C07C 209/62**  
[25] EN  
[54] **METHOD OF DECOMPOSING A POLYURETHANE**  
[54] **METHODE DE DISSOCIATION DU POLYURETHANE**  
[72] MURAYAMA, KOICHI, JP  
[72] KUMAKI, TAKASHI, JP  
[72] KODAMA, KATSUHISA, JP  
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP  
[22] 2001-03-28  
[43] 2001-10-04  
[30] JP (101,709/2000) 2000-04-04

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[21] **2,342,465**  
[13] A1

[51] **Int.Cl. 7C09B 45/14 7C09D 11/02 7G02F 1/13**  
[25] EN  
[54] **ORGANIC PIGMENTS IN COLOUR FILTERS OF LIQUID CRYSTAL DISPLAYS**  
[54] **PIGMENTS ORGANIQUES DANS LES FILTRES COLORES D'AFFICHEURS A CRISTAUX LIQUIDES**  
[72] NYSSSEN, PETER-ROGER, DE  
[72] WITT, JOSEF, DE  
[72] HERRMANN, UDO, DE  
[72] WOLF, MICKEY, DE  
[72] FAUBION, KENT, DE  
[72] RICHTER, ROLF, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 2001-03-30  
[43] 2001-10-04  
[30] DE (10016665.2) 2000-04-04  
[30] DE (10025303.2) 2000-05-22

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[21] **2,342,468**  
[13] A1

[51] **Int.Cl. 7C09C 1/24 7C09D 1/00 7G06F 19/00 7C09C 1/48**  
[25] EN  
[54] **PAINT COLORANT PRODUCT AND METHOD**  
[54] **COLORANT POUR PEINTURES ET METHODE**  
[72] PACE, JAMES P., US  
[72] RICE, MARY R., US  
[71] COLOR AXIS, US  
[22] 2001-03-30  
[43] 2001-09-30  
[30] US (09/538,658) 2000-03-30

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Canadian Laid-Open Applications  
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[21] **2,342,469**  
[13] A1  
[51] **Int.Cl. 7B01D 33/00 7B01D 35/30 7B01D 33/333**  
[25] EN  
[54] **FILTER PANELS FOR FILTER SCREEN UNITS**  
[54] **PANNEAUX DE FILTRATION POUR CRIBLES FILTRANTS**  
[72] MAZEWSKI, GENE E., US  
[71] UNITED STATES FILTER CORPORATION, US  
[22] 2001-03-28  
[43] 2001-09-30  
[30] US (09/539,757) 2000-03-31

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[21] **2,342,473**  
[13] A1  
[51] **Int.Cl. 7B01D 33/00 7B01D 35/30 7B01D 33/333**  
[25] EN  
[54] **FILTER PANELS FOR FILTER SCREEN UNITS**  
[54] **PANNEAUX DE FILTRATION POUR CRIBLES FILTRANTS**  
[72] WILCHER, STEPHEN B., US  
[71] UNITED STATES FILTER CORPORATION, US  
[22] 2001-03-28  
[43] 2001-09-30  
[30] US (09/539,762) 2000-03-31

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[21] **2,342,475**  
[13] A1  
[51] **Int.Cl. 7H04L 12/16 7G06F 17/60**  
[25] EN  
[54] **METHOD AND SYSTEM FOR SELLING A PLURALITY OF ITEMS**  
[54] **METHODE ET SYSTEME DE VENTE D'UN CERTAIN NOMBRE D'ARTICLES**  
[72] BONDY, MATTHEW, CA  
[71] INTRINITY INCORPORATED, CA  
[22] 2001-03-30  
[43] 2001-09-30  
[30] US (60/193,394) 2000-03-31

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[21] **2,342,490**  
[13] A1  
[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **METHOD FOR INSOLVENCY CLAIMS RESOLUTION**  
[54] **METHODE DE RESOLUTION EN SITUATION D'INSOLVABILITE**  
[72] REZNICK, ALLAN E., US  
[72] BADER, JOHN M., US  
[71] REZNICK, ALLAN E., US  
[71] BADER, JOHN M., US  
[22] 2001-03-30  
[43] 2001-10-05  
[30] US (60/194,357) 2000-04-05  
[30] US (09/595,527) 2000-06-16

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[21] **2,342,491**  
[13] A1  
[51] **Int.Cl. 7B60T 7/08**  
[25] EN  
[54] **BRAKE LEVER CONJUNCTIVE SWITCH DEVICE**  
[54] **DISPOSITIF DE COMMUTATION CONJONCTIF DE LEVIER DE FREINAGE**  
[72] HANDA, AKIO, JP  
[72] FURUHASHI, HITOSHI, JP  
[72] EBARA, KATSUMI, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2001-03-30  
[43] 2001-09-30  
[30] JP (2000-095163) 2000-03-30  
[30] JP (2000-368416) 2000-12-04

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[21] **2,342,492**  
[13] A1  
[51] **Int.Cl. 7F16H 39/00**  
[25] EN  
[54] **METHOD OF CONTROLLING CONTINUOUSLY VARIABLE TRANSMISSION**  
[54] **TECHNIQUE DE COMMANDE DE TRANSMISSION A CHANGEMENT DE VITESSES CONTINU**  
[72] YASUDA, KAZUHIRO, JP  
[72] NANRI, TAKEHIKO, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2001-03-30  
[43] 2001-09-30  
[30] JP (2000-099455) 2000-03-31

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[21] **2,342,493**  
[13] A1  
[51] **Int.Cl. 7B41J 2/14 7B41J 2/16**  
[25] EN  
[54] **LIQUID DISCHARGE RECORDING HEAD, LIQUID DISCHARGE RECORDING APPARATUS, AND METHOD FOR MANUFACTURING LIQUID DISCHARGE HEAD**  
[54] **TETE D'ENREGISTREMENT D'ECOULEMENT LIQUIDE, APPAREIL D'ENREGISTREMENT D'ECOULEMENT LIQUIDE ET TECHNIQUE DE FABRICATION DE TETE D'ECOULEMENT LIQUIDE**  
[72] KOIZUMI, YUTAKA, JP  
[72] YAMAGUCHI, YUKUO, JP  
[72] TAJIMA, HIROKI, JP  
[72] FUKAZAWA, HIDEO, JP  
[72] UMEYAMA, MIKIYA, JP  
[72] HATASA, NOBUYUKI, JP  
[71] CANON KABUSHIKI KAISHA, JP  
[22] 2001-03-29  
[43] 2001-09-30  
[30] JP (2000-098669) 2000-03-31  
[30] JP (2000-098671) 2000-03-31  
[30] JP (2000-098126) 2000-03-31  
[30] JP (2000-098851) 2000-03-31

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[21] **2,342,494**  
[13] A1  
[51] **Int.Cl. 7F21V 11/00**  
[25] EN  
[54] **WATERPROOF SYSTEM FOR DELIVERING LIGHT TO A LIGHT GUIDE**  
[54] **SYSTEME HYDROFUGE PERMETTANT L'ACHEMINEMENT DE LUMIERE DANS UN CONDUIT DE LUMIERE**  
[72] HAUGAARD, ERIC J., US  
[72] DAVENPORT, JOHN M., US  
[72] RUUD, ALAN J., US  
[72] BUELOW, ROGER F. II, US  
[72] BUCHINA, RAYMOND A., US  
[72] RALEIGH, CRAIG D., US  
[72] SULCS, JURIS, US  
[71] FIBERSTARS INCORPORATED, US  
[22] 2001-03-30  
[43] 2001-09-30  
[30] US (09/539,652) 2000-03-30

**Demandes canadiennes mises à la disponibilité du public**  
**30 septembre 2001 - 6 octobre 2001**

[21] **2,342,499**  
[13] A1

[51] **Int.Cl. 7F27D 19/00**  
[25] EN  
[54] **OXY-FUEL COMBUSTION FIRING CONFIGURATIONS AND METHODS**  
[54] **STRUCTURES ET METHODES DE CHAUFFAGE PAR COMBUSTION A L'OXYGENE ET AU GAZ COMBUSTIBLE**  
[72] CHARON, OLIVIER, US  
[72] BORDERS, HARLEY, US  
[72] JOSHI, MAHENDRA L., US  
[71] L' AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET EXPLOITATION DES PROCEDES, FR  
[22] 2001-03-29  
[43] 2001-09-30  
[30] US (09/542,055) 2000-03-31

[21] **2,342,500**  
[13] A1

[51] **Int.Cl. 7G06F 13/38 7G06F 5/00**  
[25] EN  
[54] **DATA PROCESSOR DATA PROCESSING METHOD**  
[54] **METHODE DE TRAITEMENT DE DONNEES PAR PROCESSEUR DE DONNEES**  
[72] MORI, KENJIRO, JP  
[72] KONDO, HIROYASU, JP  
[71] ANDO ELECTRIC CO., LTD., JP  
[22] 2001-03-30  
[43] 2001-09-30  
[30] JP (2000-098137) 2000-03-31

[21] **2,342,505**  
[13] A1

[51] **Int.Cl. 7B65H 75/48**  
[25] EN  
[54] **RETRACTING EXTENSION CORD REEL**  
[54] **ENROULEUR DE RALLONGE ELECTRIQUE AUTOMATIQUE**  
[72] BLANCH, PAUL S., US  
[72] KOVACIK, JAMES D., US  
[72] SMITH, JOSEPH J., US  
[71] ALERT STAMPING AND MANUFACTURING CO., INC., US  
[22] 2001-03-29  
[43] 2001-10-04  
[30] US (09/542,448) 2000-04-04

[21] **2,342,506**  
[13] A1

[51] **Int.Cl. 7H05B 41/34 7F21V 13/00**  
[25] EN  
[54] **INFRARED ENHANCED PULSED SOLAR SIMULATOR**  
[54] **AMELIORATION D'UN SIMULATEUR SOLAIRE PULSE A L'AIDE DU RAYONNEMENT INFRAROUGE**  
[72] LOVELADY, JAMES N., US  
[71] THE BOEING COMPANY, US  
[22] 2001-03-29  
[43] 2001-09-30  
[30] US (09/539,677) 2000-03-30

[21] **2,342,509**  
[13] A1

[51] **Int.Cl. 7A61F 2/06 7A61F 2/04 7A61M 36/04**  
[25] EN  
[54] **STENT WITH SELF-EXPANDING END SECTIONS**  
[54] **TUTEUR A EXTREMITES AUTO-EXTENSIBLES**  
[72] STOCKEL, DIETER, US  
[72] FISCHHELL, ROBERT E., US  
[72] SALMON, SEAN, US  
[72] FISCHHELL, TIM A., US  
[72] FISCHHELL, DAVID R., US  
[71] CORDIS CORPORATION, US  
[22] 2001-03-29  
[43] 2001-09-30  
[30] US (09/540,629) 2000-03-31

[21] **2,342,511**  
[13] A1

[51] **Int.Cl. 7C25D 3/30 7C25D 17/12**  
[25] EN  
[54] **ELECTRODE DEVICE, PARTICULARLY FOR A TINNING BATH AND THE LIKE**  
[54] **DISPOSITIF A ELECTRODES, PARTICULIEREMENT POUR BAIN D'ETAMAGE ET L'EQUIVALENT**  
[72] KATZ, JOHANNES, DE  
[71] MASCHINENFABRIK NIEHOFF GMBH & CO. KG, DE  
[22] 2001-03-30  
[43] 2001-09-30  
[30] DE (200 05 957.2) 2000-03-31

[21] **2,342,515**  
[13] A1

[51] **Int.Cl. 7F16M 13/04 7B05C 21/00 7B44D 3/00 7A46B 17/02 7B05C 17/02**  
[25] EN  
[54] **FOREARM SUPPORT FOR PAINT APPLICATOR**  
[54] **SUPPORT D'AVANT-BRAS POUR APPLICATEUR DE PEINTURE**  
[72] NIEMUTH, TODD R., US  
[72] WOODNORTH, BRIAN E., US  
[72] WALSH, MICHAEL J., US  
[71] NEWELL OPERATING COMPANY, US  
[22] 2001-03-30  
[43] 2001-09-30  
[30] US (60/193,219) 2000-03-30

[21] **2,342,518**  
[13] A1

[51] **Int.Cl. 7H01S 5/02 7H01L 33/00 7H01L 31/0248 7G02B 6/12**  
[25] EN  
[54] **DOPANT DIFFUSION BLOCKING FOR OPTOELECTRONIC DEVICES USING INA1AS AND/OR INGAA1AS**  
[54] **BLOCAGE DE DIFFUSION DE DOPANTS POUR DISPOSITIFS OPTOELECTRONIQUES UTILISANT L'INALAS ET/OU L'INGAALAS**  
[72] AKULOVA, YULIYA A., US  
[72] OUGASSADEN, ABDALLAH, US  
[72] CHU, SUNG-NEE G., US  
[72] GEVA, MICHAEL, US  
[72] HYBERTSEN, MARK S., US  
[72] LENTZ, CHARLES W., US  
[71] AGERE SYSTEMS OPTOELECTRONICS GUARDIAN CORPORATION, US  
[22] 2001-03-30  
[43] 2001-09-30  
[30] US (09/539,882) 2000-03-31

[21] **2,342,519**  
[13] A1

[51] **Int.Cl. 7G06F 19/00 7B44D 3/00**  
[25] EN  
[54] **DISPLAY SYSTEM FACILITATING PAINT COLOR SELECTION AND COORDINATION**  
[54] **SYSTEME D'AFFICHAGE FACILITANT LE CHOIX DES COULEURS DE PEINTURES ET LA COORDINATION**  
[72] PACE, JAMES P., US  
[72] RICE, MARY R., US  
[71] COLOR AXIS, US  
[22] 2001-03-30  
[43] 2001-09-30  
[30] US (09/538,659) 2000-03-30

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September 30, 2001 - October 6, 2001

[21] **2,342,520**  
[13] A1  
[51] **Int.Cl. 7B23K 31/02 7G06N 3/02**  
[25] EN  
[54] **JOINING EQUIPMENT**  
[54] **EQUIPEMENT DE JONCTION**  
[72] GOTO, YASUHIRO, JP  
[72] WATANABE, MAMORU, JP  
[72] BO WANG, JING, JP  
[72] FUJII, KOJI, JP  
[72] RYUDO, MAKOTO, JP  
[72] MATSUYAMA, KINICHI, JP  
[71] MATSUSHITA ELECTRIC  
INDUSTRIAL CO., LTD., JP  
[22] 2001-03-30  
[43] 2001-09-30  
[30] JP (2000-93157) 2000-03-30

[21] **2,342,521**  
[13] A1  
[51] **Int.Cl. 7H04B 3/00 7H04B 7/12**  
**7H01Q 1/32**  
[25] EN  
[54] **MULTIPLE STUB TUNER FOR**  
**DISGUISED VEHICLE ANTENNA**  
[54] **ACCORD DE SOUCHE MULTIPLE**  
**POUR ANTENNE DE VEHICULE**  
[72] STENGEL, FRANCIS A., JR., US  
[71] STI-CO INDUSTRIES, INC., US  
[22] 2001-03-30  
[43] 2001-09-30  
[30] US (60/193,207) 2000-03-30

[21] **2,342,524**  
[13] A1  
[51] **Int.Cl. 7G01L 1/26**  
[25] EN  
[54] **TENSION OVERLOAD**  
**INDICATOR**  
[54] **INDICATEUR DE SURCHARGE**  
[72] MARGETTS, WAYNE, CA  
[71] MARGETTS, WAYNE, CA  
[22] 2001-04-03  
[43] 2001-10-04  
[30] US (60/194,409) 2000-04-04

[21] **2,342,535**  
[13] A1  
[51] **Int.Cl. 7C07C 327/32 7C07C 51/363**  
**7C07C 57/58**  
[25] EN  
[54] **PRODUCTION METHOD OF**  
**AROMATIC CARBOXYLIC ACID**  
**DERIVATIVE**  
[54] **METHODE DE PRODUCTION**  
**D'UN DERIVE D'ACIDE**  
**CARBOXYLIQUE AROMATIQUE**  
[72] TAKAHASHI, DAISUKE, JP  
[72] IZAWA, KUNISUKE, JP  
[72] NAKAZAWA, MASAKAZU, JP  
[71] AJINOMOTO CO., INC., JP  
[22] 2001-03-30  
[43] 2001-09-30  
[30] JP (95571/2000) 2000-03-30

[21] **2,342,536**  
[13] A1  
[51] **Int.Cl. 7H02G 3/16**  
[25] EN  
[54] **FUSE BOX, FUSE, AND FUSE**  
**BLOCK**  
[54] **BOITE DE FUSIBLES, FUSIBLES**  
**ET TABLETTE A BORNES POUR**  
**FUSIBLES**  
[72] SATO, TAKAHIRO, JP  
[72] KONDO, HIROKI, JP  
[72] NAKAMURA, GORO, JP  
[71] YAZAKI CORPORATION, JP  
[22] 2001-03-30  
[43] 2001-09-30  
[30] JP (2000-099745) 2000-03-31

[21] **2,342,539**  
[13] A1  
[51] **Int.Cl. 7F16L 21/035 7F16L 25/00**  
**7F16J 15/10**  
[25] EN  
[54] **SEALING RING FOR**  
**CONNECTING THE SPIGOT OF A**  
**CORRUGATED PIPE WITH A PIPE**  
**SOCKET HAVING A SMOOTH INSIDE**  
**WALL**  
[54] **ANNEAU D'ETANCHEITE POUR**  
**RELIER LE JOINT A EMBOITEMENT**  
**D'UN TUYAU ONDULE AU MANCHON**  
**D'UN TUYAU AYANT UN MUR**  
**INTERNE LISSE**  
[72] HEGLER, RALPH PETER, DE  
[71] HEGLER, RALPH PETER, DE  
[22] 2001-03-30  
[43] 2001-10-06  
[30] DE (100 17 221.0) 2000-04-06

[21] **2,342,552**  
[13] A1  
[51] **Int.Cl. 7H01S 5/065 7H01S 5/14**  
[25] EN  
[54] **EXTERNAL RESONATOR TYPE**  
**LASER LIGHT SOURCE**  
[54] **SOURCE DE LUMIERE LASER**  
**REACTIVE ET EXTERNE**  
[72] YAGI, TOSHIYUKI, JP  
[71] ANDO ELECTRIC CO., LTD., JP  
[22] 2001-03-29  
[43] 2001-09-30  
[30] JP (2000-095643) 2000-03-30

[21] **2,342,554**  
[13] A1  
[51] **Int.Cl. 7E05D 7/00**  
[25] EN  
[54] **MOUNTING APPARATUS FOR**  
**CONCEALED HINGE OF OPERABLE**  
**WALL**  
[54] **APPAREIL DE FIXATION POUR**  
**ARTICULATION CAMOUFLEE D'UN**  
**MUR MANOEUVRABLE**  
[72] RICHARDSON, SHANNON B., US  
[72] MCROBERTS, JERALD A., US  
[72] JONES, REANUS, US  
[72] GOLDSMITH, THOMAS L., US  
[71] MODERNFOLD, INC., US  
[22] 2001-03-30  
[43] 2001-09-30  
[30] US (60/193,890) 2000-03-31  
[30] US (09/818,212) 2001-03-27

[21] **2,342,557**  
[13] A1  
[51] **Int.Cl. 7H04M 19/00**  
[25] EN  
[54] **CONSTANT CURRENT LINE**  
**CIRCUIT WITH CLASS FEATURES**  
[54] **CIRCUIT DE LIGNE A COURANT**  
**CONSTANT AVEC FONCTIONS CLASS**  
[72] SETO, CHUK, CA  
[71] MITEL CORPORATION, CA  
[22] 2001-03-29  
[43] 2001-09-30  
[30] GB (0007841.0) 2000-03-31

**Demandes canadiennes mises à la disponibilité du public**  
**30 septembre 2001 - 6 octobre 2001**

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[21] **2,342,561**  
[13] A1

[51] **Int.Cl. 7H04Q 7/36 7H04Q 7/38 7H04Q 3/47**  
[25] EN  
[54] **MOBILE COMMUNICATION SYSTEM AND MOBILE COMMUNICATION METHOD**  
[54] **SYSTEME ET METHODE DE COMMUNICATION MOBILE**  
[72] KOYAMA, JUNICHI, JP  
[71] NEC CORPORATION, JP  
[22] 2001-03-29  
[43] 2001-09-30  
[30] JP (2000-096336 (JP)) 2000-03-31

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[21] **2,342,562**  
[13] A1

[51] **Int.Cl. 7G07B 1/00 7G07F 7/08 7H04L 12/16**  
[25] EN  
[54] **METHOD AND APPARATUS FOR THE DISTRIBUTION OF INFORMATION AND ELECTRONIC TICKETS BY MEANS OF A TOURIST ELECTRONIC TICKET AGENT INTRANET**  
[54] **METHODE ET APPAREIL DE DISTRIBUTION D'INFORMATION ET DE BILLETS ELECTRONIQUES AU MOYEN D'UN INTRANET-BILLETIERE ELECTRONIQUE POUR TOURISTES**  
[72] MULHALL, MICHAEL, CA  
[72] BALLANTYNE, DOUGLAS J., CA  
[71] MULHALL, MICHAEL, CA  
[71] BALLANTYNE, DOUGLAS J., CA  
[22] 2001-04-03  
[43] 2001-10-03  
[30] US (09/541,714) 2000-04-03

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[21] **2,342,564**  
[13] A1

[51] **Int.Cl. 7E06B 3/48**  
[25] EN  
[54] **TRACK CONCEALING SYSTEM FOR OPERABLE WALLS**  
[54] **SYSTEME DE DISSIMULATION POUR RAILS DE MURS MOBILES**  
[72] GOLDSMITH, THOMAS L., US  
[72] OWENS, N. DOUGLAS, US  
[71] MODERNFOLD, INC., US  
[22] 2001-04-03  
[43] 2001-10-03  
[30] US (60/194,212) 2000-04-03

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[21] **2,342,566**  
[13] A1

[51] **Int.Cl. 7C01G 23/04 7B01J 21/06**  
[25] EN  
[54] **PROCESS FOR PRODUCING TITANIUM OXIDE**  
[54] **PROCESSUS DE PRODUCTION D'OXYDE DE TITANE**  
[72] SAWABE, YOSHINARI, JP  
[72] KOIKE, HIRONOBU, JP  
[72] SAKATANI, YOSHIKI, JP  
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP  
[22] 2001-03-29  
[43] 2001-09-30  
[30] JP (2000-098704) 2000-03-31  
[30] JP (2000-098706) 2000-03-31  
[30] JP (2000-122126) 2000-04-24  
[30] JP (2000-176519) 2000-06-13

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[21] **2,342,568**  
[13] A1

[51] **Int.Cl. 7H02G 11/00**  
[25] EN  
[54] **CABLE MANAGEMENT SYSTEM**  
[54] **SYSTEME DE GESTION DE CABLES**  
[72] LIMBACK, SCOTT R., US  
[72] PROPSON, CURT D., US  
[71] PLASMON IDE, INC., US  
[22] 2001-03-29  
[43] 2001-10-06  
[30] US (09/544,836) 2000-04-06

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[21] **2,342,569**  
[13] A1

[51] **Int.Cl. 7F27D 17/00**  
[25] EN  
[54] **TEMPERATURE CONTROL DEVICE AND TEMPERATURE CONTROL METHOD FOR HIGH-TEMPERATURE EXHAUST GAS**  
[54] **DISPOSITIF ET METHODE DE REGULATION DE TEMPERATURE POUR GAZ D'ECHAPPEMENT A HAUTE TEMPERATURE**  
[72] TATEISHI, MASATAKA, JP  
[72] TETSUMOTO, MASAHICO, JP  
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBELCO STEEL, LTD.), JP  
[22] 2001-03-30  
[43] 2001-09-30  
[30] JP (2000-094110) 2000-03-30

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[21] **2,342,570**  
[13] A1

[51] **Int.Cl. 7F25D 17/02 7H05K 7/20**  
[25] EN  
[54] **PUMPED LIQUID COOLING SYSTEM USING A PHASE CHANGE REFRIGERANT**  
[54] **SYSTEME DE REFROIDISSEMENT PAR POMPAGE DE REFRIGERANT A CHANGEMENT DE PHASE**  
[72] MARSALA, JOSEPH, US  
[71] THERMAL FORM & FUNCTION LLC, US  
[22] 2001-04-03  
[43] 2001-10-04  
[30] US (60/194,381) 2000-04-04

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[21] **2,342,571**  
[13] A1

[51] **Int.Cl. 7C07D 213/02 7C07D 401/00 7C07D 405/00 7C07D 409/00 7C07D 411/00 7C07D 413/00 7C07D 417/00 7C07D 473/00 7C07D 475/00 7C07D 471/04 7C07F 7/10 7C07D 213/61**  
[25] EN  
[54] **PROCESS FOR PREPARING SUBSTITUTED PYRIDINES**  
[54] **PROCESSUS DE PREPARATION DE PYRIDINES SUBSTITUEES**  
[72] DOW, ROBERT LEE, US  
[72] SCHNEIDER, STEVEN ROY, US  
[71] PFIZER PRODUCTS INC., US  
[22] 2001-03-29  
[43] 2001-09-30  
[30] US (60/193,772) 2000-03-31

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[21] **2,342,573**  
[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **SYSTEM AND METHOD OF ADMINISTERING, TRACKING AND MANAGING OF CLAIMS PROCESSING**  
[54] **SYSTEME ET METHODE D'ADMINISTRATION, DE SUIVI ET DE GESTION DU TRAITEMENT DES RECLAMATIONS**  
[72] AQUILA, ANTHONY, US  
[71] ENSERA, INC., US  
[22] 2001-04-03  
[43] 2001-10-03  
[30] US (60/194,128) 2000-04-03

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[21] 2,342,574  
[13] A1

[51] Int.Cl. 7H01M 2/14  
[25] EN  
[54] ELECTROLYTE MEMBRANE FOR SOLID POLYMER TYPE FUEL CELL AND PRODUCING METHOD THEREOF  
[54] MEMBRANE ELECTROLYTE POUR PILE A COMBUSTIBLE DU TYPE A POLYMERE SOLIDE, ET METHODE DE PRODUCTION CONNEXE  
[72] HIGUCHI, YOSHIKI, JP  
[72] TERADA, ICHIRO, JP  
[72] SHIMODA, HIROSHI, JP  
[72] HOMMURA, SATORU, JP  
[71] ASAHI GLASS COMPANY, LIMITED, JP  
[22] 2001-03-29  
[43] 2001-09-30  
[30] JP (2000-96596) 2000-03-31  
[30] JP (2000-116215) 2000-04-18

[21] 2,342,577  
[13] A1

[51] Int.Cl. 7F04D 15/00 7F24F 11/04 7H02K 7/14 7A47L 9/28  
[25] EN  
[54] ELECTRIC BLOWER AND ELECTRIC CLEANER USING SAME  
[54] GROUPE ELECTRO-SURPRESSEUR, ET APPAREIL DE NETTOYAGE ELECTRIQUE SE SERVANT DUDIT GROUPE  
[72] MORISHITA, KAZUHISA, JP  
[72] NISHIMURA, TSUYOSHI, JP  
[72] YAMAGUCHI, SEIJI, JP  
[72] TOKUDA, TSUYOSHI, JP  
[72] MURATA, YOSHITAKA, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[22] 2001-03-29  
[43] 2001-09-30  
[30] JP (2000-093170) 2000-03-30  
[30] JP (2000-211056) 2000-07-12  
[30] JP (2000-212340) 2000-07-13  
[30] JP (2000-228623) 2000-07-28  
[30] JP (2000-269814) 2000-09-06

[21] 2,342,579  
[13] A1

[51] Int.Cl. 7G06F 19/00 7G06F 17/60  
[25] EN  
[54] METHODS AND SYSTEMS FOR SCHEDULING WORK  
[54] METHODES ET SYSTEMES D'ETABLISSEMENT DE CALENDRIERS DE TRAVAIL  
[72] DE SOUZA, PEDRO SERGIO, US  
[72] RIBEIRO, WESLEY ELIAS, BR  
[72] MACEDO, IVAN ROQUETE, BR  
[72] BACIN, EDSON, BR  
[72] DE MENESES, CLAUDIO NOGUEIRA, BR  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 2001-03-29  
[43] 2001-09-30  
[30] US (09/540,064) 2000-03-31

[21] 2,342,591  
[13] A1

[51] Int.Cl. 7B67D 5/54  
[25] EN  
[54] LIQUID DISPENSER  
[54] DISTRIBUTEUR DE LIQUIDE  
[72] DORMAN, H. PAUL, US  
[72] GENTRY, SHAWN, US  
[72] FEIK, JOHN W., JR., US  
[71] HEALTHPOINT, LTD., US  
[22] 2001-04-03  
[43] 2001-10-03  
[30] US (09/541,809) 2000-04-03

[21] 2,342,593  
[13] A1

[51] Int.Cl. 7B60P 3/06  
[25] EN  
[54] TRANSFORMER TRAILER  
[54] REMORQUE TRANSFORMABLE  
[72] LAWSON, JOHN D., ZZ  
[72] SMITH, MATTHEW E., ZZ  
[71] LAWSON, JOHN D., US  
[71] SMITH, MATTHEW E., US  
[22] 2001-04-03  
[43] 2001-10-04  
[30] US (09/542,368) 2000-04-04

[21] 2,342,594  
[13] A1

[51] Int.Cl. 7E21B 7/08 7E21B 44/00  
[25] EN  
[54] VARIABLE GAUGE STABILIZER FOR DIRECTIONAL DRILLING  
[54] STABILISATEUR VARIABLE POUR SYSTEME DE FORAGE DIRECTIONNEL  
[72] ASKEW, WARREN, US  
[72] DOREL, ALAIN P., US  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[22] 2001-04-03  
[43] 2001-10-04  
[30] US (09/542,607) 2000-04-04  
[30] US (60/200,941) 2000-05-01  
[30] US (09/563,801) 2000-05-02

[21] 2,342,595  
[13] A1

[51] Int.Cl. 7F16H 3/091  
[25] EN  
[54] FOUR PARALLEL SHAFT TYPE AUTOMATIC TRANSMISSION  
[54] BOITE DE VITESSES AUTOMATIQUE A QUATRE ARBRES PARALLELES  
[72] HATAKEYAMA, KAZUMA, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2001-04-03  
[43] 2001-10-04  
[30] JP (2000-101802) 2000-04-04

[21] 2,342,599  
[13] A1

[51] Int.Cl. 7C09C 3/08 7C09D 11/00 7C09D 5/29 7C09C 1/64  
[25] EN  
[54] A METHOD FOR THE PRODUCTION OF METALLIC FLAKE PIGMENTS  
[54] METHODE DE PRODUCTION DE PIGMENTS LAMELLAIRES METALLIQUES  
[72] SOUFANATI, TALAL, US  
[72] SANYAL, SAMIR, CA  
[72] BARRY, THOMAS AQUINAS, IE  
[72] MOFFATT, MICHEL, US  
[72] CHATTOPADHYAY, ARUN KUMAR, US  
[71] US ALUMINUM INC., US  
[71] CANBRO INC., CA  
[71] SHAMROCK ALUMINIUM LIMITED, IE  
[22] 2001-04-03  
[43] 2001-10-03  
[30] US (09/541,513) 2000-04-03

**Demandes canadiennes mises à la disponibilité du public**  
**30 septembre 2001 - 6 octobre 2001**

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[21] **2,342,640**  
[13] A1

[51] **Int.Cl. 7A61F 2/02**  
[25] EN  
[54] **HERNIA REPAIR PROSTHESIS**  
[54] **PROTHESE POUR LA**  
**REPARATION DES HERNIES**  
[72] ROUSSEAU, ROBERT A., US  
[71] ETHICON, INC., US  
[22] 2001-03-29  
[43] 2001-09-30  
[30] US (09/540,793) 2000-03-31

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[21] **2,342,642**  
[13] A1

[51] **Int.Cl. 7B41J 2/14**  
[25] EN  
[54] **LIQUID DISCHARGE RECORDING**  
**APPARATUS, LIQUID DISCHARGE**  
**HEAD UNIT, AND MOUNTING**  
**METHOD THEREFOR**  
[54] **APPAREIL D'ENREGISTREMENT**  
**D'EFFLUENT LIQUIDE, TETE**  
**D'ENREGISTREMENT D'EFFLUENT**  
**LIQUIDE, ET METHODE DE FIXATION**  
**DE LADITE TETE**  
[72] YAMAGUCHI, YUKUO, JP  
[72] ASANO, SHINYA, JP  
[71] CANON KABUSHIKI KAISHA, JP  
[22] 2001-03-29  
[43] 2001-09-30  
[30] JP (2000-098670) 2000-03-31

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[21] **2,342,644**  
[13] A1

[51] **Int.Cl. 7B29C 39/12**  
[25] EN  
[54] **MOLDED RESIN LAMINATE AND**  
**METHOD FOR PRODUCING THE**  
**SAME**  
[54] **MATERIAU LAMELLE EN RESINE**  
**MOULEE ET METHODE DE**  
**PRODUCTION**  
[72] WAKABAYASHI, KAZUSHIRO, JP  
[72] HASHIMOTO, HIROE, JP  
[72] CHUJO, KENICHI, JP  
[71] HONDA GIKEN KOGYO  
KABUSHIKI KAISHA, JP  
[22] 2001-03-29  
[43] 2001-10-05  
[30] JP (2000-103666) 2000-04-05

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[21] **2,342,645**  
[13] A1

[51] **Int.Cl. 7A23L 1/217**  
[25] EN  
[54] **METHOD FOR PROVIDING A**  
**COATING ON PRE-FRIED DEEP-FRY**  
**PRODUCTS**  
[54] **METHODE POUR ENROBER DES**  
**PRODUITS PREFRITS**  
[72] KIEJBETS, MARTIN JOZEF  
HUBERT, NL  
[71] AVIKO B.V., NL  
[22] 2001-03-29  
[43] 2001-09-30  
[30] NL (1014795) 2000-03-30

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[21] **2,342,646**  
[13] A1

[51] **Int.Cl. 7H04N 7/01 7H04N 3/36**  
[25] EN  
[54] **METHOD FOR MOVING IMAGE**  
**PLAYBACK AND APPARATUS**  
**THEREFOR**  
[54] **METHODE DE DEPLACEMENT**  
**D'IMAGES DE RAPPEL ET APPAREIL**  
**CONNEXE**  
[72] NUMATA, KOHJI, JP  
[71] NEC CORPORATION, JP  
[22] 2001-04-02  
[43] 2001-10-03  
[30] JP (2000-100396) 2000-04-03

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[21] **2,342,647**  
[13] A1

[51] **Int.Cl. 7G01N 27/82 7G01N 27/90**  
[25] EN  
[54] **SUPER SENSITIVE EDDY-**  
**CURRENT SYSTEM AND METHOD**  
[54] **SYSTEME ET METHODE A**  
**COURANT DE FOUCAULT TRES**  
**SENSIBLES**  
[72] OU-YANG, TIAN-HE, US  
[71] INNOVATVE MATERIALS TESTNG  
TECHNOLOGIES, US  
[22] 2001-03-29  
[43] 2001-09-30  
[30] US (09/540,370) 2000-03-31

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[21] **2,342,652**  
[13] A1

[51] **Int.Cl. 7A61M 1/36**  
[25] EN  
[54] **INTRAOPERATIVE**  
**AUTOTRANSFUSION DEVICE**  
[54] **APPAREIL**  
**D'AUTOTRANSFUSION**  
**PEROPERATOIRE**  
[72] BENATTI, FRANCESCO, IT  
[72] SIMONINI, GIAMPAOLO, IT  
[71] DIDECO, S.P.A., IT  
[22] 2001-04-02  
[43] 2001-10-03  
[30] IT (MI000A000702) 2000-04-03

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[21] **2,342,653**  
[13] A1

[51] **Int.Cl. 7H02K 15/00**  
[25] EN  
[54] **ASSEMBLY LINE METHODS AND**  
**APPARATUS FOR MANUFACTURING**  
**DYNAMO-ELECTRIC CORES**  
[54] **APPAREIL ET METHODES DE**  
**CHAINE DE MONTAGE POUR LA**  
**FABRICATION DE NOYAUX DE**  
**MACHINES DYNAMOELECTRIQUES**  
[72] LUMINI, ANTONIO, IT  
[72] STRATICO, GIANFRANCO, IT  
[71] AXIS USA, INC., US  
[22] 2001-04-02  
[43] 2001-10-03  
[30] US (60/194,200) 2000-04-03  
[30] US (09/819,307) 2001-03-28

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[21] **2,342,655**  
[13] A1  
[51] **Int.Cl. 7G06F 19/00 7G06F 17/60**  
[25] EN  
[54] **METHOD OF GENERATING WALL-THICKNESS THINNING PREDICTION INFORMATION, AND COMPUTER-READABLE RECORDING MEDIUM STORING WALL-THICKNESS THINNING PREDICTION PROGRAM, AND METHOD OF PLANNING PIPING WORK PLAN**  
[54] **METHODE POUR GENERER DE L'INFORMATION SERVANT A PREDIRE L'AMINCISSEMENT DE L'EPAISSEUR D'UNE PAROI, SUPPORT D'ENREGISTREMENT LISIBLE PAR ORDINATEUR STOCKANT LE PROGRAMME SERVANT APREDIRE L'AMINCISSEMENT DE L'EPAISSEUR D'UNE PAROI, ET METHODE DE PREPARATION D'UN PLAN DE TRAVAIL POUR DE LA TUYAUTERIE**  
[72] AOIKE, SATORU, JP  
[72] HISATSUNE, MASAKAZU, JP  
[72] TAKEUCHI, CHIKARA, JP  
[72] ARAKI, KENJI, JP  
[72] NOUJIMA, MASAFUMI, JP  
[72] UTAKA, KENJI, JP  
[72] TAKADA, MASATOSHI, JP  
[71] HITACHI, LTD., JP  
[22] 2001-04-02  
[43] 2001-09-30  
[30] JP (2000-101188) 2000-03-31  
[30] JP (2000-286849) 2000-09-18

[21] **2,342,657**  
[13] A1  
[51] **Int.Cl. 7E21B 33/13**  
[25] EN  
[54] **ZERO DRILL COMPLETION AND PRODUCTION SYSTEM**  
[54] **SYSTEME DE PRODUCTION ET D'ACHEVEMENT SANS FORAGE**  
[72] VINCENT, RAY, US  
[72] GRAVES, KYLE, US  
[72] GESTE, STEVE, US  
[71] BAKER HUGHES INCORPORATED, US  
[22] 2001-03-30  
[43] 2001-09-30  
[30] US (09/539004) 2000-03-30

[21] **2,342,658**  
[13] A1  
[51] **Int.Cl. 7C08G 59/68 7C09D 163/02 7C09D 163/04 7C08G 59/30**  
[25] EN  
[54] **ACID CATALYZED POLYMERIZATION OF AQUEOUS EPOXY RESIN EMULSIONS AND USES THEREOF**  
[54] **POLYMERISATION A CATALYSEUR ACIDE D'EMULSIONS AQUEUSES DE RESINES EPOXYDES ET UTILISATIONS DE CES PRODUITS**  
[72] WALKER, FREDERICK HERBERT, US  
[71] AIR PRODUCTS AND CHEMICALS, INC., US  
[22] 2001-03-29  
[43] 2001-10-04  
[30] US (09/542,759) 2000-04-04

[21] **2,342,660**  
[13] A1  
[51] **Int.Cl. 7F24F 13/20 7D06F 58/20**  
[25] EN  
[54] **EAVE DRYER VENT**  
[54] **EVENT D'AVANT-TOIT**  
[72] ANDERSEN, JOHN L., US  
[71] BUILDER'S BEST, INC., US  
[22] 2001-04-02  
[43] 2001-10-06  
[30] US (09/544,637) 2000-04-06

[21] **2,342,661**  
[13] A1  
[51] **Int.Cl. 7F15B 13/06 7A01G 23/08**  
[25] EN  
[54] **HYDRAULIC BOOM CONTROL**  
[54] **SYSTEME DE COMMANDE DE FLECHE HYDRAULIQUE**  
[72] PAAKKUNAINEN, MARKO, FI  
[72] BERGQUIST, ULF, CA  
[71] TIMBERJACK INC., CA  
[22] 2001-03-30  
[43] 2001-09-30  
[30] US (60/193,185) 2000-03-30

[21] **2,342,664**  
[13] A1  
[51] **Int.Cl. 7C22C 38/24 7C22C 38/18**  
[25] EN  
[54] **HEAT RESISTANT STEEL**  
[54] **ACIER RESISTANT AUX HAUTES TEMPERATURES**  
[72] KAWANO, KAORI, JP  
[71] SUMITOMO METAL INDUSTRIES, LTD., JP  
[22] 2001-03-29  
[43] 2001-09-30  
[30] JP (2000-093827) 2000-03-30  
[30] JP (2001-021239) 2001-01-30

[21] **2,342,667**  
[13] A1  
[51] **Int.Cl. 7H01M 4/24**  
[25] EN  
[54] **ACTIVE POSITIVE-ELECTRODE MATERIAL IN ELECTROCHEMICAL CELLS, AND PROCESS FOR THE PRODUCTION OF THESE MATERIALS**  
[54] **MATERIAUX POUR ELECTRODE POSITIVE ACTIVE DE CELLULE ELECTROCHIMIQUE ET PROCEDE DE FABRICATION DE CES MATERIAUX**  
[72] HEIDER, LILIA, DE  
[72] ROTHENBURGER, MATTHIAS, DE  
[72] HEIDER, UDO, DE  
[72] LOTZ, NATASCHA, DE  
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE  
[22] 2001-03-29  
[43] 2001-09-30  
[30] DE (100 16 024.7) 2000-03-31

[21] **2,342,670**  
[13] A1  
[51] **Int.Cl. 7B01D 53/14 7F02C 6/00**  
[25] EN  
[54] **METHOD FOR REMOVING CARBON DIOXIDE FROM THE EXHAUST GAS FROM A GAS TURBINE PLANT, AND DEVICE FOR CARRYING OUT THE METHOD**  
[54] **METHODE D'ELIMINATION DU BIOXYDE DE CARBONE DES GAZ D'ECHAPPEMENT D'UNE TURBINE A GAZ ET DISPOSITIF DE MIE EN OEUVRE**  
[72] SCHIMKAT, ARMIN, DE  
[72] BAUM, JUERGEN, DE  
[71] ALSTOM POWER N.V., NL  
[22] 2001-03-29  
[43] 2001-09-30  
[30] DE (100 16 079.4) 2000-03-31

**Demandes canadiennes mises à la disponibilité du public**  
**30 septembre 2001 - 6 octobre 2001**

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[21] **2,342,671**  
[13] A1

[51] **Int.Cl. 7B60K 17/34**  
[25] EN  
[54] **TWO-WHEEL DRIVE/FOUR-WHEEL SWITCHING DEVICE FOR A VEHICLE**  
[54] **DISPOSITIF DE REPARTITION DE FREINAGE POUR VEHICULE A DEUX ET QUATRE ROUES MOTRICES**  
[72] SUZUKI, HIDEAKI, JP  
[72] SEKI, BUNZO, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2001-03-30  
[43] 2001-09-30  
[30] JP (2000-0095628) 2000-03-30  
[30] JP (2000-192131) 2000-06-27

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[21] **2,342,677**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7A61K 35/14**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR SCREENING ICRAC MODULATORS**  
[54] **METHODES ET COMPOSITIONS POUR LA SELECTION DE MODULATEURS DE COURANT ICRAC**  
[72] NORMANT, EMMANUEL, FR  
[72] ALLEN, JANET, FR  
[72] BRUNELLE, GILLES, FR  
[72] ROMAN, FRANCOIS, FR  
[71] WARNER-LAMBERT COMPANY, US  
[22] 2001-04-02  
[43] 2001-10-03  
[30] EP (00 400923.9) 2000-04-03

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[21] **2,342,678**  
[13] A1

[51] **Int.Cl. 7B65H 45/04**  
[25] EN  
[54] **DEVICE FOR BREAKING NICKS CONNECTING TWO EDGES OF A CUTTING LINE**  
[54] **APPAREIL POUR BRISER LES POINTS DE CONTACT LIANT LES DEUX BORDS D'UNE LIGNE DE DECOUPAGE**  
[72] LOEWENSBERG, DENIS, CH  
[71] BOBST S.A., CH  
[22] 2001-03-29  
[43] 2001-09-30  
[30] CH (2000 0614/00) 2000-03-30

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[21] **2,342,679**  
[13] A1

[51] **Int.Cl. 7C08K 5/3475 7C08K 5/20 7C08K 5/3435 7C08K 5/3492**  
[25] EN  
[54] **SYNERGISTIC MIXTURES OF UV-ABSORBERS IN POLYOLEFINS**  
[54] **MELANGES SYNERGIQUES DE PRODUITS ABSORBANT LES UV DANS LES POLYOLEFINES**  
[72] GUGUMUS, FRANCOIS, CH  
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH  
[22] 2001-04-02  
[43] 2001-10-04  
[30] EP (00810290.7) 2000-04-04

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[21] **2,342,683**  
[13] A1

[51] **Int.Cl. 7G01N 33/53**  
[25] EN  
[54] **TEST METHODS AND DEVICES**  
[54] **METHODES ET APPAREILS D'ESSAI**  
[72] GANI, MOHAMED MUTWAHAR, GB  
[72] EIDA, STEPHEN JAMES, GB  
[72] BUTLIN, LORRAINE DIANE, GB  
[72] COLEY, JOHN, GB  
[71] UNILEVER PLC, GB  
[22] 2001-04-02  
[43] 2001-10-03  
[30] EP (00302811.5) 2000-04-03

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[21] **2,342,684**  
[13] A1

[51] **Int.Cl. 7H01S 5/065 7H01S 5/14**  
[25] EN  
[54] **EXTERNAL RESONATOR TYPE LASER LIGHT SOURCE**  
[54] **SOURCE DE LUMIERE LASER DE TYPE A RESONATEUR EXTERNE**  
[72] YAGI, TOSHIYUKI, JP  
[71] ANDO ELECTRIC CO., LTD., JP  
[22] 2001-03-29  
[43] 2001-09-30  
[30] JP (2000-095642) 2000-03-30

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[21] **2,342,689**  
[13] A1

[51] **Int.Cl. 7A47J 37/07**  
[25] EN  
[54] **FLAVOR PLATE FOR BARBECUES AND COMBINATION OF FLAVOR PLATE AND BARBECUE**  
[54] **PLAQUE AROMATISANTE POUR BARBECUE ET COMBINAISON PLAQUE AROMATISANTE ET BARBECUE**  
[72] WITZEL, THEODORE A., CA  
[71] WITZEL, THEODORE A., CA  
[22] 2001-04-02  
[43] 2001-09-30  
[30] US (60/193,369) 2000-03-31

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[21] **2,342,690**  
[13] A1

[51] **Int.Cl. 7F16H 61/40**  
[25] EN  
[54] **CONTROL METHOD FOR CONTINUOUSLY VARIABLE TRANSMISSION**  
[54] **METHODE DE COMMANDE POUR TRANSMISSION VARIABLE EN CONTINU**  
[72] NANRI, TAKEHIKO, JP  
[72] ITANI, YOSHINOBU, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2001-04-02  
[43] 2001-09-30  
[30] JP (2000-099453) 2000-03-31

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[21] **2,342,691**  
[13] A1

[51] **Int.Cl. 7F16H 61/40**  
[25] EN  
[54] **METHOD FOR CONTROLLING A CONTINUOUSLY VARIABLE TRANSMISSION**  
[54] **METHODE DE COMMANDE POUR TRANSMISSION VARIABLE EN CONTINU**  
[72] NANRI, TAKEHIKO, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2001-04-02  
[43] 2001-09-30  
[30] JP (2000-099456) 2000-03-31

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[21] **2,342,692**  
[13] A1  
[51] **Int.Cl. 7C22B 11/00 7C22B 3/06 7C22B 3/42**  
[25] EN  
[54] **A PROCESS FOR RECOVERING GOLD FROM THIOSULFATE LEACH SOLUTIONS AND SLURRIES WITH ION EXCHANGE RESIN**  
[54] **METHODE DE RECUPERATION DE L'OR DANS DES SOLUTIONS DE LIXIVIATION ET DES SUSPENSIONS DE THIOSULFATE, A L'AIDE D'UNE RESINE ECHANGEUSE D'IONS**  
[72] FLEMING, CHRISTOPHER, CA  
[72] WELLS, JOHN, CA  
[72] THOMAS, KENNETH G., CA  
[71] BARRICK GOLD CORPORATION, CA  
[22] 2001-04-03  
[43] 2001-10-04  
[30] US (09/542,736) 2000-04-04

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[21] **2,342,693**  
[13] A1  
[51] **Int.Cl. 7C07C 333/16 7C07D 295/21**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF ZINC DITHIOCARBAMATES**  
[54] **PROCESSUS DE PREPARATION DE DITHIOCARBAMATES DE ZINC**  
[72] ENGELS, HANS-WILHELM, DE  
[72] SCHUBART, RUDIGER, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 2001-04-03  
[43] 2001-10-06  
[30] DE (10017103.6) 2000-04-06

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[21] **2,342,696**  
[13] A1  
[51] **Int.Cl. 7C07F 9/535 7H01M 10/26 7C07F 9/58 7C07F 9/6509**  
[25] EN  
[54] **LITHIUM SALTS, PROCESS FOR PREPARING THEM, NONAQUEOUS ELECTROLYTE AND ELECTROCHEMICAL CELL**  
[54] **SELS DE LITHIUM, PROCESSUS DE LEUR PREPARATION, ELECTROLYTE NON AQUEUX ET CELLULE ELECTROCHIMIQUE**  
[72] HEIDER, UDO, DE  
[72] SCHMIDT, MICHAEL, DE  
[72] PETIGK, DAGMAR, DE  
[72] KUHNER, ANDREAS, DE  
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE  
[22] 2001-04-03  
[43] 2001-10-05  
[30] DE (100 16 801.9) 2000-04-05

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[21] **2,342,698**  
[13] A1  
[51] **Int.Cl. 7A23L 1/325 7C12G 3/00 7A61K 7/00 7C08F 116/10 7A23L 1/212 7A23L 1/226 7A23L 1/314**  
[25] EN  
[54] **METHOD OF REMOVING OFF-FLAVOR FROM FOODS AND DEODORIZER**  
[54] **METHODE DE SUPPRESSION DE FLAVEURS ANORMALES D'ALIMENTS, ET DEODORISANT**  
[72] UNO, KAZUTAKA, JP  
[72] AGO, SHOJI, JP  
[72] SAITOH, CHIAKI, JP  
[72] EGI, MAKOTO, JP  
[71] KYOWA HAKKO KOGYO CO., LTD., JP  
[22] 2001-04-03  
[43] 2001-10-06  
[30] JP (2000-104277) 2000-04-06

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[21] **2,342,699**  
[13] A1  
[51] **Int.Cl. 7B60K 23/00**  
[25] EN  
[54] **TRANSMISSION SYSTEM**  
[54] **SYSTEME DE TRANSMISSION**  
[72] NANRI, TAKEHIKO, JP  
[72] KANNO, YOSHIHISA, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2001-04-02  
[43] 2001-09-30  
[30] JP (2000-0099452) 2000-03-31  
[30] JP (2000-192131) 2000-06-27

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[21] **2,342,700**  
[13] A1  
[51] **Int.Cl. 7F16H 61/02**  
[25] EN  
[54] **TRANSMISSION CONTROL METHOD**  
[54] **METHODE DE COMMANDE DE TRANSMISSION**  
[72] FUKUI, KUNIHIKO, JP  
[72] NANRI, TAKEHIKO, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2001-04-02  
[43] 2001-09-30  
[30] JP (2000-099454) 2000-03-31

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[21] **2,342,701**  
[13] A1  
[51] **Int.Cl. 7H02M 1/12 7H02M 7/00**  
[25] EN  
[54] **POWER CONVERSION DEVICE**  
[54] **DISPOSITIF DE CONVERSION D'ENERGIE**  
[72] OKA, TOSHIKI, JP  
[72] KAWAKAMI, KAZUTO, JP  
[71] KABUSHIKI KAISHA TOSHIBA, JP  
[22] 2001-04-02  
[43] 2001-10-03  
[30] JP (P2000-101035) 2000-04-03

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[21] **2,342,704**  
[13] A1  
[51] **Int.Cl. 7B60C 9/09**  
[25] EN  
[54] **RADIAL TYRE FOR VEHICLES**  
[54] **PNEUMATIQUE RADIAL POUR VEHICULES**  
[72] OKSANEN, VEIKKO, FI  
[71] NOKIAN RENKAAT OYJ, FI  
[22] 2001-04-04  
[43] 2001-10-05  
[30] FI (20000800) 2000-04-05  
[30] FI (20002330) 2000-10-24

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**30 septembre 2001 - 6 octobre 2001**

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[21] **2,342,706**  
[13] A1

[51] **Int.Cl. 7D21F 5/00 7D21F 7/00**  
[25] EN  
[54] **METHOD FOR BLOWING STEAM AGAINST PAPER WEB, AND STEAM BOX OF PAPER MACHINE**  
[54] **METHODE POUR PROJETER DE LA VAPEUR CONTRE UNE BOBINE DE PAPIER, ET BOITE A VAPEUR D'UNE MACHINE A PAPIER**  
[72] PELLINEN, KARI, FI  
[71] METSO PAPER AUTOMATION OY, FI  
[22] 2001-04-04  
[43] 2001-10-06  
[30] FI (20000816) 2000-04-06

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[21] **2,342,707**  
[13] A1

[51] **Int.Cl. 7E21D 21/00 7F16B 13/12**  
[25] EN  
[54] **IMPROVED THREE-PRONG SHELL**  
[54] **COQUE A TROIS FOURCHES AMELIOREE**  
[72] BOOZER, LARRY, US  
[72] DEMREY, BRANDON, US  
[72] EATON, JACK R., US  
[72] CALANDRA, FRANK JR., US  
[72] STANKUS, JOHN C., US  
[71] JENNMAR CORPORATION, US  
[22] 2001-04-04  
[43] 2001-10-04  
[30] US (60/194,525) 2000-04-04

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[21] **2,342,710**  
[13] A1

[51] **Int.Cl. 7G01S 3/14 7G01S 3/10**  
[25] FR  
[54] **PROCEDE ET DISPOSITIF POUR CORRIGER LA VARIATION DU QDM D'UN SYSTEME DE NAVIGATION**  
[54] **PROCESS AND DEVICE FOR CORRECTING THE VARIATION IN QD OF A NAVIGATION SYSTEM**  
[72] PINA, FRANCOIS, FR  
[72] BLOUET, CHRISTOPHE, FR  
[71] THOMSON-CSF, FR  
[22] 2001-03-28  
[43] 2001-09-30  
[30] FR (00 04 134) 2000-03-31

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[21] **2,342,716**  
[13] A1

[51] **Int.Cl. 7G01R 31/36**  
[25] FR  
[54] **CIRCUIT ELECTRIQUE POUR LA TRANSMISSION D'UNE INFORMATION D'ETAT, NOTAMMENT D'UN ORGANE DE MATERIEL FERROVIAIRE ROULANT, ET SYSTEME ELECTRIQUE INCORPORANT UN TEL CIRCUIT**  
[54] **ELECTRICAL CIRCUIT FOR TRANSMITTING CONDITION INFORMATION, NAMELY FROM A UNIT OF RAILWAY ROLLING STOCK, AND ELECTRICAL SYSTEM CONTAINING THE AFORESAID CIRCUIT**  
[72] PRINCE, LADIMIR, FR  
[72] BERT, MICHEL, FR  
[71] ALSTOM, FR  
[22] 2001-03-28  
[43] 2001-09-30  
[30] FR (00 04 160) 2000-03-31  
[30] FR (00 07 646) 2000-06-15

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[21] **2,342,721**  
[13] A1

[51] **Int.Cl. 7A61K 7/13 7A45D 40/26**  
[25] FR  
[54] **COMPOSITION DE TEINTURE D'OXYDATION DES FIBRES KERATINIQUES ET PROCEDE DE TEINTURE METTANT EN OEUVRE CETTE COMPOSITION**  
[54] **OXIDIZING STAIN COMPOUND FOR KERATINOUS FIBRES AND STAINING PROCESS IMPLEMENTING THE AFORESAID COMPOUND**  
[72] PLOS, GREGORY, FR  
[71] L'OREAL, FR  
[22] 2001-03-28  
[43] 2001-09-30  
[30] FR (00 04 061) 2000-03-30

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[21] **2,342,724**  
[13] A1

[51] **Int.Cl. 7C09D 9/00**  
[25] FR  
[54] **COMPOSITION DECAPANTE, UTILISABLE NOTAMMENT DANS LE DOMAINE DU BATIMENT**  
[54] **STRIPPING COMPOUND, USEABLE IN CONSTRUCTION**  
[72] LALLIER, JEAN-PIERRE, FR  
[72] GALEA, CHRISTIAN, FR  
[71] LICEF S.A., FR  
[71] ATOFINA, FR  
[22] 2001-03-28  
[43] 2001-09-30  
[30] FR (00 04 036) 2000-03-30

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[21] **2,342,726**  
[13] A1

[51] **Int.Cl. 7H01L 23/12 7G02B 7/00**  
[25] EN  
[54] **APPARATUS AND METHOD FOR ASSEMBLING OPTICAL DEVICES**  
[54] **APPAREIL ET METHODE D'ASSEMBLAGE DE DISPOSITIFS OPTIQUES**  
[72] ANDERSEN, BO ASP MOLLER, US  
[72] DAUTARTAS, MINDAUGAS FERNAND, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2001-04-02  
[43] 2001-10-03  
[30] US (09/542,937) 2000-04-03

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[21] **2,342,743**  
[13] A1

[51] **Int.Cl. 7H01H 71/10 7H01H 71/48**  
[25] EN  
[54] **CIRCUIT BREAKER WITH ARC GAS ENGAGING PADDLES ON A TRIP BAR AND/OR CROSSBAR**  
[54] **DISJONCTEUR A LAMES UTILISANT LES GAZ DE L'ARC SUR UNE BARRE DE DECLENCHEMENT ET/OU UNE BARRE TRANSVERSALE**  
[72] GULA, LANCE, US  
[72] BEATTY, WILLIAM ELLSWORTH JR., US  
[72] MALINGOWSKI, RICHARD PAUL, US  
[72] PALMER, KATHRYN MILES, US  
[71] EATON CORPORATION, US  
[22] 2001-04-02  
[43] 2001-10-03  
[30] US (09/542,076) 2000-04-03

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[21] **2,342,745**  
[13] A1  
[51] **Int.Cl. 7G06F 3/03 7H04Q 7/32**  
[25] EN  
[54] **HAND-HELD ELECTRONIC DEVICE WITH THUMBWHEEL**  
[54] **DISPOSITIF ELECTRONIQUE PORTATIF AVEC MOLETTE**  
[72] BROWN, MICHAEL, CA  
[72] DUNK, CRAIG, CA  
[72] MAJOR, HARRY R., CA  
[72] LITTLE, HERB A., CA  
[72] HOLMES, JOHN A., CA  
[72] GRIFFIN, JASON T., CA  
[72] LAZARIDIS, MIHAL, CA  
[72] LANG, JEROME, CA  
[71] RESEARCH IN MOTION LIMITED, CA  
[22] 2001-04-02  
[43] 2001-10-05  
[30] US (09/543,231) 2000-04-05

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[21] **2,342,747**  
[13] A1  
[51] **Int.Cl. 7H01M 8/00 7H01M 8/04**  
[25] EN  
[54] **FUEL CELL AND FUEL CELL DEVICE**  
[54] **ELEMENT A CARBURANT ET DISPOSITIF D'ELEMENT A CARBURANT**  
[72] KOBAYASHI, MASAFUMI, JP  
[72] YAMAMOTO, TAIZO, JP  
[72] KATO, HIDEMI, JP  
[72] YAMANA, KENJI, JP  
[71] KABUSHIKI KAISHA EQUOS RESEARCH, JP  
[22] 2001-04-02  
[43] 2001-09-30  
[30] JP (2000-98419) 2000-03-31

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[21] **2,342,748**  
[13] A1  
[51] **Int.Cl. 7G06F 3/14 7G09G 5/12**  
[25] EN  
[54] **METHOD OF REPORTING A PROBLEM IN A NETWORK SESSION WITH ADDED USER FRIENDLY FEATURES**  
[54] **METHODE POUR SIGNALER UN PROBLEME DANS UNE SESSION DE TRAVAIL SUR RESEAU AVEC FONCTIONS CONVIVIALES ADDITIONNELLES**  
[72] JANAY, GAD, US  
[72] YAMPEL, TODRES, US  
[71] RESQNET.COM, INC., US  
[22] 2001-04-02  
[43] 2001-10-03  
[30] US (09/541,811) 2000-04-03

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[21] **2,342,749**  
[13] A1  
[51] **Int.Cl. 7H01R 33/05 7H01R 33/95**  
[25] EN  
[54] **ELBOW CANISTER FUSEHOLDER**  
[54] **PORTE-FUSIBLE A CARTOUCHE COUDEE**  
[72] REED, ANTHONY, US  
[72] STEPNIAK, FRANK, US  
[71] THOMAS & BETTS INTERNATIONAL, INC., US  
[22] 2001-04-02  
[43] 2001-10-04  
[30] US (60/194,458) 2000-04-04

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[21] **2,342,752**  
[13] A1  
[51] **Int.Cl. 7H04L 12/66 7H04M 11/06**  
[25] EN  
[54] **CALLED PARTY IDENTIFICATION IN PACKET SWITCHED NETWORKS**  
[54] **IDENTIFICATION DE L'ABONNE APPELE DANS DES RESEAUX A COMMUTATION PAR PAQUETS**  
[72] GALLICK, ROBERT L., US  
[71] AG COMMUNICATION SYSTEMS CORPORATION, US  
[22] 2001-04-04  
[43] 2001-10-06  
[30] US (544,181) 2000-04-06

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[21] **2,342,759**  
[13] A1  
[51] **Int.Cl. 7G02B 6/24**  
[25] EN  
[54] **METHOD OF MANUFACTURING GLASS PARTS FOR CONNECTING OPTICAL FIBERS, AND GLASS PARTS FOR CONNECTING OPTICAL FIBERS MANUFACTURED USING THE METHOD**  
[54] **METHODE DE FABRICATION DE PIECES EN VERRE DESTINEES A RACCORDER DES FIBRES OPTIQUES ET PIECES EN VERRE DESTINEES A RACCORDER DES FIBRES OPTIQUES FABRIQUEES A L'AIDE DE CETTE METHODE**  
[72] KAMISAKU, KATSUYA, JP  
[72] MORISHITA, MASAHIRO, JP  
[72] MIZUNO, TOSHIKI, JP  
[71] NIPPON SHEET GLASS CO., LTD., JP  
[22] 2001-04-04  
[43] 2001-10-05  
[30] JP (2000-103420) 2000-04-05

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[21] **2,342,761**  
[13] A1  
[51] **Int.Cl. 7E04B 2/74 7E05F 17/00**  
[25] EN  
[54] **ANTI-STACKING SYSTEM FOR OPERABLE WALLS**  
[54] **SYSTEME ANTI-EMPILAGE POUR MURS MOBILES**  
[72] OWENS, N. DOUGLAS, US  
[71] MODERNFOLD, INC., US  
[22] 2001-04-04  
[43] 2001-10-04  
[30] US (60/194,540) 2000-04-04

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[21] **2,342,762**  
[13] A1  
[51] **Int.Cl. 7A63B 22/00**  
[25] EN  
[54] **EXERCISE DEVICE**  
[54] **APPAREIL D'EXERCICE**  
[72] JENKINS, THOMAS, CA  
[71] JENKINS, THOMAS, CA  
[22] 2001-04-04  
[43] 2001-10-04  
[30] US (09/542,924) 2000-04-04

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[21] **2,342,835**  
[13] A1  
[51] **Int.Cl. 7B01D 46/52 7B31F 1/26**  
[25] EN  
[54] **PROCESS FOR THE MANUFACTURE OF A PLEATABLE FLEECE FILTER MATERIAL**  
[54] **PROCEDE DE PRODUCTION D'UN MATERIAU FILTRANT EN MOLLETON PLISSABLE**  
[72] VEESER, KLAUS, DE  
[72] HOLLINGSWORTH, ANTHONY, DE  
[72] DANTZ, DIRK, DE  
[71] CARL FREUDENBERG, DE  
[22] 2001-03-28  
[43] 2001-09-30  
[30] DE (P 10016182.0) 2000-03-31

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[21] **2,342,839**  
[13] A1  
[51] **Int.Cl. 7E06B 9/02**  
[25] EN  
[54] **USER CUSTOMIZABLE SHUTTER SYSTEM**  
[54] **SYSTEME DE VOLET D'OBTURATION SUR MESURE POUR UTILISATEUR**  
[72] LEE, HAN-SEN, TW  
[71] LEE, HAN-SEN, TW  
[22] 2001-03-28  
[43] 2001-10-03  
[30] US (09/541,188) 2000-04-03

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[21] **2,342,950**  
[13] A1

[51] **Int.Cl. 7C07D 281/02**  
[25] FR  
[54] **NOUVEAU PROCEDE DE PREPARATION DE LA 11-AMINO-3-CHLORO-6,11-DIHYDRO-5,5-DIOXO-6-METHYL-DIBENZO-C,F]-1,2]-THIAZEPINE ET APPLICATION A LA SYNTHESE DE LA TIANEPTINE**  
[54] **NEW PROCESS FOR PREPARING 11-AMINO-3-CHLORO-6,11-DIHYDRO-5,5-DIOXO-6-METHYL-DIBENZO-C,F]-1,2]-THIA ZEPINE AND APPLICATION IN THE SYNTHESIS OF TIANEPTINE**  
[72] BLANCHARD, JACKY, FR  
[72] BRIGOT, DANIEL, FR  
[72] TURBE, HUGUES, FR  
[71] ADIR ET COMPAGNIE, FR  
[22] 2001-03-29  
[43] 2001-09-30  
[30] FR (0004111) 2000-03-31

[21] **2,342,951**  
[13] A1

[51] **Int.Cl. 7H01J 29/07 7C22C 38/14 7C22C 38/16**  
[25] FR  
[54] **DISPOSITIF DE MASQUE POUR TUBE CATHODIQUE DE VISUALISATION EN COULEUR A ECRAN PLAT A MASQUE D'OMBRE TENDU EN ALLIAGE FE-NI**  
[54] **MASKING DEVICE FOR COLOUR FLAT-SCREEN DISPLAY TUBE WITH TENSIONED SHADOW MASK MADE OF FE-NI ALLOY**  
[72] COZAR, RICARDO, FR  
[72] REYDET, PIERRE-LOUIS, FR  
[72] COUTU, LUCIEN, FR  
[71] IMPHY UGINE PRECISION, FR  
[22] 2001-03-29  
[43] 2001-09-30  
[30] FR (00 04 080) 2000-03-31

[21] **2,342,954**  
[13] A1

[51] **Int.Cl. 7B44C 1/00**  
[25] FR  
[54] **PROCEDE POUR LE DECOR D'UN ARTICLE, ET ARTICLE DECORE AU MOYEN DU PROCEDE**  
[54] **PROCESS FOR DECORATING AN ITEM, AND ITEM DECORATED USING THE PROCESS**  
[72] VAYRETTE, SOPHIE HELENE, FR  
[72] BETHUNE, ALAIN, FR  
[71] L'OREAL, FR  
[22] 2001-03-30  
[43] 2001-10-03  
[30] FR (00 04 214) 2000-04-03

[21] **2,342,956**  
[13] A1

[51] **Int.Cl. 7B44C 3/02 7A45D 33/18**  
[25] FR  
[54] **ARTICLE DECORE PAR UN FAISCEAU LASER ET PROCEDE POUR LE DECOR D'UN TEL ARTICLE**  
[54] **ITEM DECORATED BY A LASER BEAM AND PROCESS FOR DECORATING SUCH AN ITEM**  
[72] VAYRETTE, SOPHIE HELENE, FR  
[72] BETHUNE, ALAIN, FR  
[71] L'OREAL, FR  
[22] 2001-03-30  
[43] 2001-10-03  
[30] FR (00 04 216) 2000-04-03

[21] **2,342,959**  
[13] A1

[51] **Int.Cl. 7A21D 13/08**  
[25] EN  
[54] **METHOD OF AND APPARATUS FOR APPLYING AND DISTRIBUTING A CHARGE OF A PARTICULATE MATERIAL ONTO A TOP SURFACE OF A SUBSTRATE, SUCH AS A PIZZA BATTER**  
[54] **METHODE ET APPAREIL POUR L'APPLICATION ET LA DISTRIBUTION D'UNE CHARGE DE SUBSTANCE PARTICULAIRE SUR LA SURFACE SUPERIEURE D'UN SUBSTRAT, TELLE QU'UNE PATE A PIZZA**  
[72] HANSEN, HENNING INGEMANN, DK  
[71] CABINPLANT INTERNATIONAL A/S, DK  
[22] 2001-04-04  
[43] 2001-10-04  
[30] EP (00610032.5) 2000-04-04

[21] **2,342,971**  
[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **SYSTEM AND METHOD FOR PLACING ON-LINE ORDERS**  
[54] **SYSTEME ET METHODE DE PASSATION DE COMMANDES EN LIGNE**  
[72] ISAACSON, LARRY, US  
[72] ISAACSON, MATTHEW, US  
[71] HASKELL NEW YORK, INC., US  
[22] 2001-04-04  
[43] 2001-10-04  
[30] US (60/194,632) 2000-04-04

[21] **2,342,973**  
[13] A1

[51] **Int.Cl. 7B23B 31/02**  
[25] EN  
[54] **CHUCK UNIT FOR AUTOMATIC MACHINE TOOLS, DESIGNED TO PERFORM BOTH POWER TASKS AND FINISHING WORK**  
[54] **MANDRIN POUR MACHINES-OUTILS AUTOMATIQUES, CONCU POUR DES TACHES MECANIQUES ET DU TRAVAIL DE FINITION**  
[72] MARANGONE, DANIELE, IT  
[72] ALBERICI, GIOVANNI, IT  
[71] STUDIO TECNICO ASSOCIATO MARANGONE & ALBERICI, IT  
[22] 2001-04-04  
[43] 2001-10-05  
[30] IT (PC 2000 A 000011) 2000-04-05

[21] **2,343,047**  
[13] A1

[51] **Int.Cl. 7F15B 15/14**  
[25] EN  
[54] **HYDRAULIC IMPACT MACHINE ACTUATOR**  
[54] **ACTIONNEUR POUR MACHINE A PERCUSSION HYDRAULIQUE**  
[72] ROWE, ALEXANDER, ZA  
[72] KAY, WARREN, ZA  
[72] BAWDEN, JAMES, ZA  
[71] VECTOR HYDRAULICS INC., ZA  
[22] 2001-03-30  
[43] 2001-09-30  
[30] ZA (2000/1627) 2000-03-30  
[30] ZA (2000/1628) 2000-03-30

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[21] **2,343,073**  
[13] A1

[51] **Int.Cl. 7F02C 7/24 7F02C 7/20**  
[25] EN  
[54] **INSULATION SYSTEM FOR SHAFTS THROUGH WHICH HOT GASES FLOW**  
[54] **SYSTEME D'ISOLATION POUR PUITTS A DEBIT DE GAZ CHAUDS**  
[72] TONNE, STEPHAN, DE  
[72] NAVARRO, MARCIAL, DE  
[72] WERMUTH, ERNST, DE  
[72] NORDHOLT, JORG, DE  
[72] NAUMANN, UWE, DE  
[72] MARWEGE, HENNING, DE  
[72] HEUERMANN, THOMAS, DE  
[72] HAIDER, JOSEF, DE  
[71] KAEFER ISOLIERTECHNIK GMBH & CO. KG, DE  
[22] 2001-04-04  
[43] 2001-10-05  
[30] DE (DE 100 16 800.0) 2000-04-05

[21] **2,343,097**  
[13] A1

[51] **Int.Cl. 7H01G 2/00 7H01G 2/10**  
[25] EN  
[54] **NONFLAMMABLE AND DISASTER PREVENTION TYPE CAPACITOR**  
[54] **CONDENSATEUR ININFLAMMABLE POUR LA PREVENTION DES CATASTROPHES**  
[72] TANAKA, YOSHIHISA, JP  
[72] ITAHASHI, SATORU, JP  
[72] KAMBA, MASARU, JP  
[71] NISSIN ELECTRIC CO., LTD., JP  
[22] 2001-04-04  
[43] 2001-10-05  
[30] JP (2000-103248) 2000-04-05  
[30] JP (2000-110514) 2000-04-12

[21] **2,343,249**  
[13] A1

[51] **Int.Cl. 7G07F 9/00**  
[25] EN  
[54] **VENDING MACHINE WITH QUICK-RELEASE DOOR**  
[54] **DISTRIBUTEUR AUTOMATIQUE AVEC PORTE A OUVERTURE RAPIDE**  
[72] RING, MICHAEL D., US  
[72] YATES, DAVID A., US  
[72] PACZKOWSKI, THOMAS S., US  
[71] ROYAL VENDORS, INC., US  
[22] 2001-04-04  
[43] 2001-10-05  
[30] US (09/543,362) 2000-04-05

[21] **2,343,259**  
[13] A1

[51] **Int.Cl. 7A61K 31/198 7A61P 21/00**  
[25] EN  
[54] **A PROCESS FOR PRODUCING SOLID CREATINE DOSAGE FORMS AND DOSAGE FORMS OBTAINABLE THEREBY**  
[54] **PROCESSUS DE PRODUCTION DE FORMES POSOLOGIQUES DE CREATINE SOLIDE, ET LESDITES FORMES POSOLOGIQUES OBTENUES**  
[72] SCHERR, GUNTER, DE  
[72] KESSEL, KNUT, DE  
[72] BOGENSTATTER, THOMAS, DE  
[72] BERNDL, GUNTHER, DE  
[72] BREITENBACH, JORG, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[22] 2001-04-05  
[43] 2001-10-06  
[30] DE (100 17 102.8) 2000-04-06

[21] **2,343,266**  
[13] A1

[51] **Int.Cl. 7A61B 8/02**  
[25] EN  
[54] **EARLY-FETAL-HEARTBEAT-DETECTION DEVICE AND METHOD**  
[54] **APPAREIL ET METHODE DE DETECTION PRECOCE DES PULSATIONS CARDIAQUES FOETALES**  
[72] EUGLEY, JANET STONER, US  
[71] EUGLEY, JANET STONER, US  
[22] 2001-04-05  
[43] 2001-10-05  
[30] US (09/544,256) 2000-04-05

[21] **2,343,298**  
[13] A1

[51] **Int.Cl. 7A61F 13/493**  
[25] EN  
[54] **ABSORBENT ARTICLES FOR VARIOUS TORSO SIZES**  
[54] **ARTICLES ABSORBANTS POUR DIVERSES GROSSEURS DE TORSSES**  
[72] KARAMI, HAMZEH, US  
[72] DAMAGHI, KAMBIZ, US  
[71] FIRST QUALITY ENTERPRISES, INC., US  
[22] 2001-04-05  
[43] 2001-10-06  
[30] US (09/544,092) 2000-04-06

[21] **2,343,398**  
[13] A1

[51] **Int.Cl. 7F21V 13/00**  
[25] EN  
[54] **LUMINAIRE OPTICAL SYSTEM**  
[54] **SYSTEME OPTIQUE D'UN LUMINAIRE**  
[72] DAHLEN, KEVIN S., US  
[71] GENLYTE THOMAS GROUP LLC, US  
[22] 2001-04-06  
[43] 2001-10-06  
[30] US (60/195,091) 2000-04-06

[21] **2,343,433**  
[13] A1

[51] **Int.Cl. 7B41J 2/447 7G11B 7/12**  
[25] EN  
[54] **OPTICAL WRITE HEAD, AND METHOD OF ASSEMBLING THE SAME**  
[54] **TETE D'ECRITURE OPTIQUE, ET METHODE D'ASSEMBLEMENT DE LADITE TETE**  
[72] WAKISAKA, MASAHIDE, JP  
[72] ARIMA, TAKAHISA, JP  
[72] KUSUDA, YUKIHISA, JP  
[72] YOSHIDA, HARUNOBU, JP  
[72] OONO, SEIJI, JP  
[72] KURODA, YASUNAO, JP  
[71] NIPPON SHEET GLASS CO., LTD., JP  
[22] 2001-04-06  
[43] 2001-10-06  
[30] JP (2000-104786) 2000-04-06  
[30] JP (2000-213005) 2000-07-13  
[30] JP (2000-213006) 2000-07-13  
[30] JP (2000-310815) 2000-10-11

[21] **2,343,450**  
[13] A1

[51] **Int.Cl. 7B62D 25/02**  
[25] EN  
[54] **THIN SECTION SIDEWALL ASSEMBLIES FOR VANS AND TRAILERS**  
[54] **ASSEMBLAGES DE PAROIS LATERALES A PROFIL MINCE POUR CAMIONNETTES ET CARAVANES**  
[72] HUDDLE, THOMAS, US  
[72] GRAAFF, WOLFGANG, US  
[71] TRAILMOBILE TRAILER LLC, US  
[22] 2001-04-05  
[43] 2001-10-06  
[30] US (60/195,036) 2000-04-06

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**30 septembre 2001 - 6 octobre 2001**

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[21] **2,343,452**  
[13] A1

[51] **Int.Cl. 7A61K 31/7048 7A61P 33/00 7A01N 43/90**  
[25] EN  
[54] **METHOD OF TREATING A PARASITIC INFECTION**  
[54] **METHODE DE TRAITEMENT D'UNE INFESTATION**  
[72] ROWAN, TIMOTHY GEORGE, GB  
[72] JERNIGAN, ANTOINETTE BEATON DRAIN, US  
[72] PAYNE-JOHNSON, MARK, GB  
[72] BENCHAOUI, HAFID ABDELAALI, GB  
[71] PFIZER INC., US  
[22] 2001-03-30  
[43] 2001-10-03  
[30] GB (0008353.5) 2000-04-03

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[21] **2,343,453**  
[13] A1

[51] **Int.Cl. 7A61M 15/00**  
[25] EN  
[54] **INHALER DISPENSING SYSTEM ADAPTERS FOR LARYNGECTOMIZED SUBJECTS AND ASSOCIATED METHODS**  
[54] **ADAPTATEURS D'UN SYSTEME INHALATEUR POUR PERSONNES AYANT SUBI UNE LARYNGOTOMIE, ET METHODES CONNEXES**  
[72] RUBIN, BRUCE KALMAN, US  
[72] WANG, CHRISTOPHER SUNG, US  
[71] WAKE FOREST UNIVERSITY, US  
[22] 2001-03-30  
[43] 2001-10-06  
[30] US (60/195,014) 2000-04-06

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[21] **2,343,458**  
[13] A1

[51] **Int.Cl. 7H01M 10/26**  
[25] EN  
[54] **NONAQUEOUS ELECTROLYTE SECONDARY CELL AND METHOD OF PRODUCING THE SAME**  
[54] **ACCUMULATEUR A ELECTROLYTE NON AQUEUX ET METHODE DE FABRICATION CONNEXE**  
[72] SUNANO, TAIZO, JP  
[71] SANYO ELECTRIC CO., LTD., JP  
[22] 2001-03-30  
[43] 2001-09-30  
[30] JP (2000-098409) 2000-03-31

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[21] **2,343,459**  
[13] A1

[51] **Int.Cl. 7C07D 401/04 7A61P 35/00 7A61P 19/02 7C07D 403/04 7C07D 471/04 7C07D 495/04 7C07D 491/052 7A61P 25/28 7A61K 31/416 7A61K 31/4162 7A61K 31/4439 7A61K 31/4709 7A61K 31/501 7C07D 231/54**  
[25] EN  
[54] **PYRAZOLE DERIVATIVES AS ANTI-INFLAMMATORY/ANALGESIC AGENTS**  
[54] **DERIVES DU PYRAZOL COMME ANTI-INFLAMMATOIRES/ANALGESIQUES**  
[72] SAKYA, SUBAS MAN, US  
[71] PFIZER PRODUCTS INC., US  
[22] 2001-03-30  
[43] 2001-10-03  
[30] US (60/194,303) 2000-04-03

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[21] **2,343,461**  
[13] A1

[51] **Int.Cl. 7C09B 45/14 7C08K 5/3477**  
[25] EN  
[54] **CONTINUOUS PROCESS FOR PREPARING METAL COMPLEX PIGMENTS**  
[54] **PROCEDE CONTINU POUR LA PREPARATION DE PIGMENTS METALLIQUES COMPLEXES**  
[72] HERRMANN, UDO, DE  
[72] KRUMBACH, BERNHARD, DE  
[72] FRANK, WOLFGANG, DE  
[72] WEISMANTEL, LOTHAR, DE  
[72] GOBEL, RONALD, DE  
[72] LINKE, FRANK, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 2001-03-30  
[43] 2001-10-03  
[30] DE (10016547.8) 2000-04-03

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[21] **2,343,475**  
[13] A1

[51] **Int.Cl. 7A46B 5/02 7F16M 13/04**  
[25] EN  
[54] **EASY GRIP PAINT APPLICATOR**  
[54] **APPLICATEUR DE PEINTURE FACILE A SAISIR**  
[72] UNGAR, WILLIAM DEAN, US  
[72] DOTY, HEALTH A., US  
[72] RITZEL, KENT P., US  
[72] WOODNORTH, BRIAN E., US  
[72] BONE, BRIAN C., US  
[72] CHIARUTTINI, BRIAN, US  
[72] WILLIAMS, DANIEL T., US  
[72] HAWLEY, JONATHAN, US  
[72] FORTNER, CHRISTINA L., US  
[71] NEWELL OPERATING COMPANY, US  
[22] 2001-03-30  
[43] 2001-09-30  
[30] US (60/193,219) 2000-03-30  
[30] US (60/269,361) 2001-02-16

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[21] **2,343,477**  
[13] A1

[51] **Int.Cl. 7F01P 11/02**  
[25] EN  
[54] **RESERVOIR TANK FOR RADIATOR OF WATER-COOLED SADDLE-TYPE VEHICLE**  
[54] **RESERVOIR POUR RADIATEUR DE VEHICULE DE TYPE SELLE REFROIDI PAR EAU**  
[72] KANI, KATSUMI, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2001-03-30  
[43] 2001-09-30  
[30] JP (2000-093782) 2000-03-30

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[21] **2,343,484**  
[13] A1

[51] **Int.Cl. 7G01C 1/02**  
[25] EN  
[54] **APPARATUS FOR CONVERTING AN OPTICAL THEODOLITE INTO A LASER THEODOLITE**  
[54] **APPAREIL PERMETTANT DE CONVERTIR UN THEODOLITE OPTIQUE EN THEODOLITE LASER**  
[72] DE WITT CLINTON, JOSEPH, US  
[71] SEOS DISPLAYS LIMITED, GB  
[22] 2001-04-05  
[43] 2001-10-05  
[30] GB (0008400.4) 2000-04-05

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[21] **2,343,487**  
[13] A1  
[51] **Int.Cl. 7A61G 5/10 7B60G 5/00**  
[25] EN  
[54] **ANTI-TIP CASTER SUSPENSION FOR A WHEELCHAIR**  
[54] **SUSPENSION A GALETS ANTI-BASCULEMENT POUR FAUTEUIL ROULANT**  
[72] WHITE, GERALD J., JR., US  
[72] WATKINS, WALTER A., US  
[72] SCHAFFNER, WALTER E., US  
[71] WHITE, GERALD J., JR., US  
[71] WATKINS, WALTER A., US  
[71] SCHAFFNER, WALTER E., US  
[22] 2001-04-03  
[43] 2001-10-04  
[30] US (60/194,677) 2000-04-04

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[21] **2,343,488**  
[13] A1  
[51] **Int.Cl. 7G01N 33/74 7C12N 5/12 7C07K 16/26 7G01N 33/53 7G01N 33/96**  
[25] EN  
[54] **TEST METHODS AND DEVICES**  
[54] **DISPOSITIFS ET METHODES D'ESSAIS**  
[72] COLEY, JOHN, GB  
[72] EIDA, STEPHEN JAMES, GB  
[72] BUTLIN, LORRAINE DIANE, GB  
[72] GANI, MOHAMED MUTWAHAR, GB  
[71] UNILEVER PLC, GB  
[22] 2001-04-03  
[43] 2001-10-03  
[30] EP (00302810.7) 2000-04-03

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[21] **2,343,492**  
[13] A1  
[51] **Int.Cl. 7H01H 9/02 7H01H 71/02**  
[25] EN  
[54] **MOLDED CASE POWER SWITCH HOUSING WITH REMOVABLY SECURED SECONDARY COVER**  
[54] **ENVELOPPE DU COMMUTATEUR D'UN BOITIER MOULE MUNIE D'UN COUVERCLE SECONDAIRE AMOVIBLE ET SECURITAIRE**  
[72] HUMBERT, JOSEPH BELL, US  
[72] ZINDLER, MARK OWEN, US  
[71] EATON CORPORATION, US  
[22] 2001-04-05  
[43] 2001-10-06  
[30] US (09/544,831) 2000-04-06

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[21] **2,343,500**  
[13] A1  
[51] **Int.Cl. 7D01F 1/10 7D01F 1/09**  
[25] EN  
[54] **METHOD OF PRODUCING FIBER HAVING FUNCTIONAL MINERAL POWDER AND FIBER PRODUCED THEREFROM**  
[54] **FIBRES COMPRENANT DE LA POUDRE MINERALE DE FONCTION AINSI QUE METHODE DE PRODUCTION DE CES FIBRES**  
[72] SEOK, MI SOO, KR  
[71] SEOK, MI SOO, KR  
[22] 2001-04-03  
[43] 2001-10-04  
[30] KR (2000-17775) 2000-04-04  
[30] KR (2000-31236) 2000-06-07  
[30] KR (2001-7699) 2001-02-16

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[21] **2,343,501**  
[13] A1  
[51] **Int.Cl. 7C11D 7/50**  
[25] EN  
[54] **LOW POLLUTION SOLVENTS AND EMULSIONS ESPECIALLY USEFUL IN CLEANING SOILS FROM PAINTED AND UNPAINTED METAL AND PLASTIC SURFACES**  
[54] **EMULSIONS ET SOLVANTS PEU POLLUANTS PARTICULIEREMENT UTILES POUR LE NETTOYAGE DE SALETES DES SURFACES METALLIQUES ET PLASTIQUES PEINTES ET NON PEINTES**  
[72] PATEL, BHANU D., US  
[72] MARLIN, LAWRENCE J., US  
[71] HENKEL CORPORATION, US  
[22] 2001-04-03  
[43] 2001-10-03  
[30] US (60/194,205) 2000-04-03

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[21] **2,343,504**  
[13] A1  
[51] **Int.Cl. 7C08K 9/10**  
[25] EN  
[54] **METHOD OF PREPARING THERMALLY CONDUCTIVE COMPOUNDS BY LIQUID METAL BRIDGED PARTICLE CLUSTERS**  
[54] **METHODE DE PREPARATION DE COMPOSES THERMIQUEMENT CONDUCTIFS PAR L'INTERMEDIAIRE DE PARTICULES-AMAS LIQUIDES A PONTAGE METALLIQUE**  
[72] MISRA, SANJAY, US  
[72] OLSON, RICHARD M., US  
[71] THE BERGQUIST COMPANY, US  
[22] 2001-04-03  
[43] 2001-10-05  
[30] US (09/543,661) 2000-04-05

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[21] **2,343,508**  
[13] A1  
[51] **Int.Cl. 7B65D 5/32 7B65B 11/00**  
[25] EN  
[54] **PACKING SYSTEM**  
[54] **SYSTEME D'EMBALLAGE**  
[72] KEY, DAVID G., US  
[72] MUMBY, KIM R., US  
[71] DYNAPRISE, INC., US  
[22] 2001-04-05  
[43] 2001-10-06  
[30] US (09/544,049) 2000-04-06  
[30] US (09/544,050) 2000-04-06  
[30] US (09/544,051) 2000-04-06  
[30] US (09/544,052) 2000-04-06

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[21] **2,343,549**  
[13] A1  
[51] **Int.Cl. 7C08L 69/00**  
[25] EN  
[54] **COMPOSITION FORMING ARTIFICIAL MARBLE OR GRANITE**  
[54] **COMPOSITION POUR FABRIQUER DU FAUX MARBRE OU DU GRANITE ARTIFICIEL**  
[72] CASILLI, NICOLA, IT  
[72] FORESTIERI, ROBERTO, IT  
[72] RENZI, FIORENZO, IT  
[72] NODARI, NEREO, IT  
[71] GREAT LAKES CHEMICAL (EUROPE) GMBH, CH  
[22] 2001-04-05  
[43] 2001-10-06  
[30] IT (MI2000A 000731) 2000-04-06

**Demandes canadiennes mises à la disponibilité du public**  
**30 septembre 2001 - 6 octobre 2001**

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[21] **2,343,551**  
[13] A1

[51] **Int.Cl. 7B02C 18/06**  
[25] EN  
[54] **MOBILE SHREDDING SYSTEM**  
[54] **SYSTEME DE DECHIQUETAGE MOBILE**  
[72] RAJEWSKI, DAVID E., US  
[71] SHREDFAST, INC., US  
[22] 2001-04-05  
[43] 2001-10-05  
[30] US (09/543,374) 2000-04-05

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[21] **2,343,552**  
[13] A1

[51] **Int.Cl. 7B60P 3/00 7B02C 21/02**  
[25] EN  
[54] **MOBILE SHREDDING AND BALING SYSTEM**  
[54] **SYSTEME D'EMBALLAGE ET DE DECHIQUETAGE MOBILE**  
[72] RAJEWSKI, DAVID E., US  
[71] SHREDFAST, INC., US  
[22] 2001-04-05  
[43] 2001-10-05  
[30] US (09/543,375) 2000-04-05

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[21] **2,343,557**  
[13] A1

[51] **Int.Cl. 7A61M 25/02 7A61B 17/00**  
[25] EN  
[54] **MULTIPURPOSE TEMPLATE AND NEEDLES FOR THE DELIVERY AND MONITORING OF MULTIPLE MINIMALLY INVASIVE THERAPIES**  
[54] **MODELE POLYVALENT, ET AIGUILLES POUR APPLIQUER ET SURVEILLER DE MULTIPLES THERAPIES PEU INVASIVES**  
[72] RIAZIAT, MAJID L., US  
[72] JEUNG, ANDREW G., US  
[72] BANDY, STEVE, US  
[72] SUTHERLAND, ROBERT M., US  
[72] ZDASIUK, GEORGE A., US  
[71] VARIAN MEDICAL SYSTEMS, INC., US  
[22] 2001-04-05  
[43] 2001-10-06  
[30] US (09/544,346) 2000-04-06

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[21] **2,343,595**  
[13] A1

[51] **Int.Cl. 7B32B 27/32 7B29C 47/06 7B32B 15/08 7B32B 27/08 7B65D 65/40**  
[25] FR  
[54] **STRUCTURE COMPRENANT UNE COUCHE DE LIANT INDELAMINABLE SUR SUBSTRAT METALLISE ET PELABLE SUR SUBSTRAT POLYPROPYLENIQUE**  
[54] **STRUCTURE INCLUDING ONE LAYER OF BINDING MATERIAL WHICH IS UNDELAMINATABLE ON METALLIC SUBSTRATE AND STRIPPABLE ON POLYPROPYLENE-BASED SUBSTRATE**  
[72] PERRET, PATRICE, FR  
[72] LEDU, YVES, FR  
[71] ATOFINA, FR  
[22] 2001-03-29  
[43] 2001-09-30  
[30] FR (00 04 037) 2000-03-30  
[30] FR (00 08 790) 2000-07-06

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[21] **2,343,596**  
[13] A1

[51] **Int.Cl. 7H01H 3/54 7H01R 4/56**  
[25] FR  
[54] **DISPOSITIF DE CONNEXION ELECTRIQUE ET DISPOSITIF DE DISTRIBUTION DE PUISSANCE LE COMPORTANT**  
[54] **ELECTRONIC CONNECTION DEVICE, AND POWER DISTRIBUTION APPARATUS CONTAINING SAID DEVICE**  
[72] PEREZ, PHILIPPE, FR  
[72] PRADIER, JEAN-CLAIR, FR  
[71] LABINAL, FR  
[22] 2001-03-30  
[43] 2001-09-30  
[30] FR (00 04153) 2000-03-31

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[21] **2,343,597**  
[13] A1

[51] **Int.Cl. 7H01M 4/24**  
[25] FR  
[54] **STRUCTURE COMPRENANT UN PRIMAIRE FLUORE ET ELECTRODE A BASE DE CETTE STRUCTURE**  
[54] **STRUCTURE COMPRISING A FLUORINATED PRIMER, AND ELECTRODE USING SUCH STRUCTURE**  
[72] BURCHILL, MICHAEL, US  
[72] BARRIERE, BENOIT, FR  
[72] MIYAKI, YOSHIYUKI, JP  
[71] ATOFINA, FR  
[22] 2001-03-30  
[43] 2001-09-30  
[30] FR (0004201) 2000-03-31

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[21] **2,343,599**  
[13] A1

[51] **Int.Cl. 7B60R 19/20**  
[25] FR  
[54] **DISPOSITIF DE PROTECTION D'UN VEHICULE CONTRE LE CHOC**  
[54] **VEHICLE CRASH PROTECTION DEVICE**  
[72] LAPORTE, JEAN-JACQUES, FR  
[72] GIBEAU, MICHEL, FR  
[71] ALSTOM, FR  
[22] 2001-04-02  
[43] 2001-10-04  
[30] FR (00 04 254) 2000-04-04

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[21] **2,343,600**  
[13] A1

[51] **Int.Cl. 7A45D 34/00**  
[25] FR  
[54] **ORGANE D'APPLICATION POUR L'APPLICATION D'UN PRODUIT SUR UN SUPPORT ET ENSEMBLE D'APPLICATION AINSI EQUIPE**  
[54] **COMPONENT FOR APPLYING A PRODUCT ON A MEDIUM, AND APPLICATION KIT THEREOF**  
[72] DUQUEROIE, FLORENT, FR  
[71] L'OREAL, FR  
[22] 2001-04-04  
[43] 2001-10-05  
[30] FR (00 04 347) 2000-04-05

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[21] **2,343,604**  
[13] A1

[51] **Int.Cl. 7B65D 81/03**

[25] EN

[54] **PROTECTIVE PACKAGING  
SHEET**

[54] **FEUILLE D'EMBALLAGE DE  
PROTECTION**

[72] JONES, IAN KARL, GB

[71] ITW LIMITED, GB

[22] 2001-04-04

[43] 2001-10-06

[30] GB (0008538.1) 2000-04-06

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[21] **2,352,489**  
[13] A1

[51] **Int.Cl. 7B65D 25/32**

[25] EN

[54] **PAIL AND LID ASSEMBLY**

[54] **ENSEMBLE DE SEAU ET  
COUVERCLE**

[72] BARTLETT, GLENN J., CA

[72] CORMIER, CLAUDE, CA

[72] MILLS, DAVID, CA

[72] HARVEY, PETER, CA

[71] RELIANCE PRODUCTS LIMITED  
PARTNERSHIP, CA

[22] 2001-07-18

[43] 2001-09-30

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[21] **2,352,255**  
[13] A1

[51] Int.Cl. 7E03D 11/02  
[25] EN  
[54] A WATER CLOSET MAINFRAME ATTACHMENT FAR RADIATION LAMP  
[54] ELEMENT DE FIXATION A UN CADRE DE CABINET D'AISSANCE POUR UNE LAMPE A RADIATION  
[72] LEE, KUM HOON, KR  
[71] LEE, KUM HOON, KR  
[85] 2001-01-11  
[86] 2000-05-24 (PCT/KR00/00521)  
[87] 2001-10-01 ()  
[30] KR (2000-9536) 2000-04-01

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[21] **2,352,347**  
[13] A1

[51] Int.Cl. 7C07K 14/47 7A61P 37/00 7C12P 21/02 7A61P 25/08 7C12P 21/08 7C12N 15/12 7C07K 16/18 7A61P 25/18 7C12N 1/21 7A61P 25/28 7G01N 33/53 7C12N 15/63 7C12Q 1/68  
[25] EN  
[54] NOVEL POLYPEPTIDE  
[54] NOUVEAU POLYPEPTIDE  
[72] YOSHIOKA, KATSUJI, JP  
[72] HIROSE, RYO, JP  
[72] ICHIMURA, MICHIO, JP  
[71] KYOWA HAKKO KOGYO CO., LTD., JP  
[85] 2001-05-24  
[86] 1999-11-19 (PCT/JP99/06487)  
[87] 2000-06-02 (WO00/31132)  
[30] JP (10/332484) 1998-11-24  
[30] JP (11/248442) 1999-09-02

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[21] **2,352,560**  
[13] A1

[51] Int.Cl. 7C12N 15/12 7C12P 21/02 7C12N 5/10 7C12N 1/15 7C07K 16/18 7C12N 1/19 7C12N 1/21 7C07K 14/47 7C12Q 1/68  
[25] EN  
[54] MAMMALIAN SECRETORY PROTEIN ZSIG43  
[54] PROTEINE SECRETOIRE MAMMIFERE ZSIG43  
[72] LOK, SI, US  
[72] SHEPPARD, PAUL O., US  
[71] ZYMOGENETICS, INC., US  
[85] 2001-05-25  
[86] 1999-11-15 (PCT/US99/27040)  
[87] 2000-06-02 (WO00/31259)  
[30] US (09/200,417) 1998-11-23

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[21] **2,352,608**  
[13] A1

[51] Int.Cl. 7C12N 15/11 7C07K 14/22 7C07K 14/38 7C07K 14/40  
[25] EN  
[54] HEAT SHOCK GENES AND PROTEINS FROM NEISSERIA MENINGITIDIS, CANDIDA GLABRATA AND ASPERGILLUS FUMIGATUS  
[54] GENES ET PROTEINES DU STRESS PROVENANT DE NEISSERIA MENINGITIDIS, DE CANDIDA GLABRATA ET DE ASPERGILLUS FUMIGATUS  
[72] WISNIEWSKI, JAN, CA  
[71] STRESSGEN BIOTECHNOLOGIES CORPORATION, CA  
[85] 2001-05-28  
[86] 1999-12-01 (PCT/CA99/01152)  
[87] 2000-06-15 (WO00/34465)  
[30] US (09/207,388) 1998-12-08

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[21] **2,352,738**  
[13] A1

[51] Int.Cl. 7C07K 14/02 7C07K 19/00 7A61K 39/29 7A61K 39/295 7A61K 39/385 7G01N 33/569 7G01N 33/576  
[25] EN  
[54] HBV CORE ANTIGEN PARTICLES WITH MULTIPLE IMMUNOGENIC COMPONENTS ATTACHED VIA PEPTIDE LIGANDS  
[54] PARTICULES D'ANTIGENE CAPSIDIQUE DU VIRUS DE L'HEPATITE B AVEC COMPOSANTS IMMUNOGENES MULTIPLES LIES PAR DES LIGANDS PEPTIDES  
[72] MURRAY, KENNETH, GB  
[71] BIOGEN, INC., US  
[85] 2001-05-31  
[86] 1999-12-03 (PCT/US99/28755)  
[87] 2000-06-08 (WO00/32625)  
[30] US (60/110,911) 1998-12-04

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[21] **2,352,740**  
[13] A1

[51] Int.Cl. 7C07K 5/06 7C07C 259/06 7C07K 5/08  
[25] EN  
[54] PROCOLLAGEN C-PROTEINASE INHIBITORS  
[54] INHIBITEURS DE LA C-PROTEINASE DE PROCOLLAGENE  
[72] WALKER, KEITH ADRIAN MURRAY, US  
[72] DANKWARDT, SHARON MARIE, US  
[72] VAN WART, HAROLD EDGAR, US  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2001-05-29  
[86] 1999-12-06 (PCT/EP99/09519)  
[87] 2000-06-15 (WO00/34313)  
[30] US (60/111,661) 1998-12-10

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[21] **2,352,749**  
[13] A1

[51] **Int.Cl. 7A61K 38/16**  
[25] EN  
[54] **ANTI-DANDRUFF COMPOSITION COMPRISING AN ANTIFUNGAL POLYPEPTIDE**  
[54] **COMPOSITION ANTIPELLICULAIRE COMPRENANT UN POLYPEPTIDE FONGICIDE**  
[72] VIND, JESPER, DK  
[72] SORENSEN, NIELS HENRIK, DK  
[71] NOVOZYMES A/S, DK  
[85] 2001-05-30  
[86] 1999-11-26 (PCT/DK99/00659)  
[87] 2000-06-08 (WO00/32220)  
[30] DK (PA 1998 01579) 1998-11-30

[21] **2,352,783**  
[13] A1

[51] **Int.Cl. 7A61K 39/395 7A61K 39/00 7A61K 48/00 7C07K 14/53**  
[25] EN  
[54] **STIMULATION OF T CELLS AGAINST SELF ANTIGENS USING CTLA-4 BLOCKING AGENTS**  
[54] **STIMULATION DE LYMPHOCYTES T CONTRE DES AUTO-ANTIGENES AU MOYEN D'AGENTS BLOQUANTS CTLA-4**  
[72] HURWITZ, ARTHUR A., US  
[72] ALLISON, JAMES P., US  
[72] VANELSAS, ANDREA, NL  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2001-05-31  
[86] 1999-12-03 (PCT/US99/28739)  
[87] 2000-06-08 (WO00/32231)  
[30] US (60/110,761) 1998-12-03

[21] **2,353,086**  
[13] A1

[51] **Int.Cl. 7A61K 38/00 7C07K 1/00 7C07H 21/02 7C07H 21/04 7G01N 33/53 7G01N 33/567**  
[25] EN  
[54] **PGC-1, A NOVEL BROWN FAT PPAR.GAMMA. COACTIVATOR**  
[54] **PGC-1: UN COACTIVATEUR DU RECEPTEUR PPAR.GAMMA. DES TISSUS ADIPEUX BRUNS**  
[72] ADELMANT, GUILLAUME, US  
[72] WU, ZHIDAN, US  
[72] PUIGSERVER, PERE, US  
[72] SPIEGELMAN, BRUCE M., US  
[71] DANA-FARBER CANCER INSTITUTE, US  
[85] 2001-05-30  
[86] 1999-11-30 (PCT/US99/28332)  
[87] 2000-06-08 (WO00/32215)  
[30] US ( 09/203,453) 1998-12-01

[21] **2,353,797**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 38/17 7C07K 16/18 7C07K 14/47 7C12Q 1/68**  
[25] EN  
[54] **NEURON-ASSOCIATED PROTEINS**  
[54] **PROTEINES ASSOCIEES A DES NEURONES**  
[72] AU-YOUNG, JANICE, US  
[72] LAL, PREETI, US  
[72] TANG, Y. TOM, US  
[72] LU, DYUNG, AINA M., US  
[72] YANG, JUNMING, US  
[72] AZIMZAI, YALDA, US  
[72] HILLMAN, JENNIFER L., US  
[72] BAUGHN, MARIAH R., US  
[72] YUE, HENRY, US  
[71] INCYTE PHARMACEUTICALS, INC., US  
[85] 2001-06-07  
[86] 1999-12-10 (PCT/US99/30408)  
[87] 2000-06-15 (WO00/34477)  
[30] US (UNKNOWN) 1998-12-11  
[30] US (09/210,083) 1998-12-11  
[30] US (60/119,365) 1999-02-09  
[30] US (60/124,687) 1999-03-16

[21] **2,353,799**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 38/17 7C07K 16/18 7C07K 14/47 7C12N 15/62**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR INHIBITING NEOPLASTIC CELL GROWTH**  
[54] **METHODES PERMETTANT D'INHIBER LA CROISSANCE DE CELLULES NEOPLASQUES**  
[72] PITTI, ROBERT M., US  
[72] WOOD, WILLIAM I., US  
[72] ASHKENAZI, AVI J., US  
[72] GODOWSKI, PAUL J., US  
[72] NAPIER, MARY A., US  
[72] GODDARD, AUDREY, US  
[72] MARSTERS, SCOT A., US  
[72] GURNEY, AUSTIN L., US  
[71] GENENTECH, INC., US  
[85] 2001-06-08  
[86] 1999-12-02 (PCT/US99/28565)  
[87] 2000-06-29 (WO00/37638)  
[30] US (60/113,296) 1998-12-22  
[30] US (PCT/US99/05028) 1999-03-08  
[30] US (60/130,232) 1999-04-21  
[30] US (60/131,445) 1999-04-28  
[30] US (60/134,287) 1999-05-14  
[30] US (60/144,758) 1999-07-20  
[30] US (60/145,698) 1999-07-26  
[30] US (PCT/US99/21090) 1999-09-15  
[30] US (PCT/US99/21547) 1999-09-15

[21] **2,353,800**  
[13] A1

[51] **Int.Cl. 7C12N 1/00 7C07H 21/02 7C07H 21/04 7C12N 1/11 7C12N 15/11 7C12N 1/19 7C12N 1/38 7C12N 15/70 7C12N 15/74 7C12N 15/79 7C12N 15/81 7C12N 15/82 7C12N 15/85**  
[25] EN  
[54] **GENE NETWORKS FOR CONTROL OF GENE EXPRESSION**  
[54] **RESEAUX DE GENES DESTINES A CONTROLER L'EXPRESSION GENETIQUE**  
[72] GARDNER, TIMOTHY S., US  
[72] COLLINS, JAMES J., US  
[71] TRUSTEES OF BOSTON UNIVERSITY, US  
[85] 2001-06-01  
[86] 1999-12-01 (PCT/US99/28592)  
[87] 2000-06-08 (WO00/32748)  
[30] US (60/110,616) 1998-12-02

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[21] **2,354,140**  
[13] A1

[51] **Int.Cl. 7B01D 35/26**  
[25] EN  
[54] **PORTABLE WATER PURIFICATION DEVICE**  
[54] **DISPOSITIF DE PURIFICATION D'EAU PORTABLE**  
[72] MORREHEAD, JOHN S., US  
[72] PETTENSKI, THOMAS A., US  
[72] SEARLE, JOHN, F., US  
[72] LARSON, ERIC, US  
[71] BATTELLE MEMORIAL INSTITUTE, US  
[85] 2001-06-08  
[86] 1999-12-10 (PCT/US99/29383)  
[87] 2000-06-15 (WO00/34183)  
[30] US (60/111,918) 1998-12-11

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[21] **2,354,152**  
[13] A1

[51] **Int.Cl. 7C07K 14/18 7G01N 33/576**  
[25] EN  
[54] **SYNTHETIC POLYPEPTIDES CORRESPONDING TO THE HEPATITIS C VIRUS (HCV) AND APPLICATIONS**  
[54] **POLYPEPTIDES SYNTHETIQUES CORRESPONDANT AU VIRUS DE L'HEPATITE C (HCV) ET APPLICATIONS**  
[72] DALBON, PASCAL, FR  
[72] JOLIVET-REYNAUD, COLETTE, FR  
[72] JOLIVET, MICHEL, FR  
[71] BIO MERIEUX, FR  
[85] 2001-05-18  
[86] 1999-11-19 (PCT/IB99/01933)  
[87] 2000-06-02 (WO00/31130)  
[30] US (09/196,155) 1998-11-20

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[21] **2,354,153**  
[13] A1

[51] **Int.Cl. 7C12N 15/52 7C12N 9/00 7C07K 16/40 7G01N 33/50 7A61K 38/53 7A61K 31/70**  
[25] EN  
[54] **HUMAN UBIQUITIN LIGASE E3 FOR THE MODULATION OF NF-KAPPA B**  
[54] **COMPOSES ET METHODES PERMETTANT DE MODULER L'ACTIVATION DE NF-KAPPA.B**  
[72] HATZUBAI, ADA, IL  
[72] MANNING, ANTHONY M., US  
[72] LAVON, IRIS, IL  
[72] YARON, AVRAHAM, IL  
[72] MERCURIO, FRANK, US  
[72] AMIT, SHARON, IL  
[72] BEN-NERIAH, YINON, IL  
[72] DAVIS, MATTI, IL  
[71] SIGNAL PHARMACEUTICALS, INC., US  
[71] YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALE, IL  
[85] 2001-06-05  
[86] 1999-12-09 (PCT/US99/29371)  
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[30] US (09/210,060) 1998-12-10

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[21] **2,354,154**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7C12N 5/10 7C12N 15/10 7C12N 15/12 7C07K 14/47 7G01N 33/68 7C12N 15/81 7C12N 15/83**  
[25] EN  
[54] **A.BETA.-PEPTIDE SCREENING ASSAY**  
[54] **ANALYSE SELECTIVE DE A.BETA.-PEPTIDE**  
[72] PERAUS, GISELA, DE  
[71] AVENTIS PHARMA DEUTSCHLAND GMBH, DE  
[85] 2001-06-06  
[86] 1999-11-27 (PCT/EP99/09234)  
[87] 2000-06-15 (WO00/34511)  
[30] DE (198 56 261.6) 1998-12-07

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[13] A1

[51] **Int.Cl. 7C12N 15/12 7C12N 15/11 7C07K 16/18 7C07K 14/47 7C12N 15/62 7G01N 33/68 7C12Q 1/68**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR THERAPY AND DIAGNOSIS OF OVARIAN CANCER**  
[54] **COMPOSITIONS ET PROCEDES DESTINES A LA THERAPIE ET AU DIAGNOSTIC DU CANCER DE L'OVAIRE**  
[72] MITCHAM, JENNIFER L., US  
[72] ALGATE, PAUL A., US  
[72] KING, GORDON E., US  
[72] FRUDAKIS, TONY N., US  
[71] CORIXA CORPORATION, US  
[85] 2001-06-08  
[86] 1999-12-17 (PCT/US99/30270)  
[87] 2000-06-22 (WO00/36107)  
[30] US (09/215,681) 1998-12-17  
[30] US (09/216,003) 1998-12-17  
[30] US (09/338,933) 1999-06-23  
[30] US (09/404,879) 1999-09-24

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[13] A1

[51] **Int.Cl. 7A61K 47/00 7C12N 7/01 7C12N 5/12**  
[25] EN  
[54] **ORDERED MOLECULAR PRESENTATION OF ANTIGENS, METHOD OF PREPARATION AND USE**  
[54] **PRESENTATION MOLECULAIRE ORDONNEE D'ANTIGENES, PROCEDE DE PREPARATION ET UTILISATION**  
[72] HENNECKE, FRANK, CH  
[72] NIEBA, LARS, CH  
[72] BACHMANN, MARTIN, CH  
[72] RENNER, WOLFGANG A., CH  
[71] CYTOS BIOTECHNOLOGY AG, CH  
[85] 2001-05-30  
[86] 1999-11-30 (PCT/IB99/01925)  
[87] 2000-06-08 (WO00/32227)  
[30] US (60/110,414) 1998-11-30  
[30] US (60/142,788) 1999-07-08

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[13] A1

[51] **Int.Cl. 7C12N 15/82 7A01H 4/00 7A01H 1/04 7C12N 15/31**  
[25] EN  
[54] **TRANSGENIC PLANTS COMPRISING A CONDITIONALLY LETHAL GENE**  
[54] **PLANTES TRANSGENIQUES ET PROCEDES DE PRODUCTION DE CES PLANTES**  
[72] FABIJANSKI, STEVEN F., CA  
[72] KELLER, WILFRED A., CA  
[72] ARNISON, PAUL G., CA  
[72] HAMMERLINDL, JOSEPH K., CA  
[72] WEBB, STEVEN R., CA  
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA  
[71] DOW AGROSCIENCES LLC, US  
[85] 2001-06-01  
[86] 1999-12-22 (PCT/CA99/01223)  
[87] 2000-06-29 (WO00/37060)  
[30] US (60/113,546) 1998-12-22

[21] **2,354,188**  
[13] A1

[51] **Int.Cl. 7C12N 15/11 7C07H 21/00 7A61K 48/00 7C12Q 1/68 7A61K 31/70**  
[25] EN  
[54] **CANCER CELL VACCINE**  
[54] **VACCIN DE CELLULES CANCEREUSES**  
[72] XU, MINZHEN, US  
[72] HUMPHREYS, ROBERT, US  
[72] QIU, GANG, US  
[71] ANTIGEN EXPRESS, INC., US  
[85] 2001-06-01  
[86] 1999-11-24 (PCT/US99/28096)  
[87] 2000-06-15 (WO00/34467)  
[30] US (09/205,995) 1998-12-04

[21] **2,354,189**  
[13] A1

[51] **Int.Cl. 7A61K 38/19 7A61P 3/00 7A61P 43/00 7A61P 9/10 7A61P 13/12 7A61K 35/14**  
[25] EN  
[54] **METHODS OF INHIBITING ECTOPIC CALCIFICATION**  
[54] **PROCEDES PERMETTANT D'INHIBER LA CALCIFICATION ECTOPIQUE**  
[72] GIACHELLI, CECILIA M., US  
[72] STEITZ, SUSIE, US  
[71] UNIVERSITY OF WASHINGTON, US  
[85] 2001-06-06  
[86] 1999-12-07 (PCT/US99/29173)  
[87] 2000-06-15 (WO00/33865)  
[30] US (09/206,576) 1998-12-07

[21] **2,354,190**  
[13] A1

[51] **Int.Cl. 7C12N 15/31 7A61K 39/095 7C07K 16/12 7C07K 14/22 7G01N 33/566 7C12N 15/62 7C12Q 1/68**  
[25] EN  
[54] **POLYPEPTIDES AND POLYNUCLEOTIDES "BASB040" FROM NEISSERIA MENINGITIDIS AND VACCINE COMPRISING SAID POLYPEPTIDES AND POLYNUCLEOTIDES**  
[54] **POLYPEPTIDES ET POLYNUCLEOTIDES "BASB040" DU NEISSERIA MENINGITIDIS ET VACCINS COMPRENANT LESDITS POLYPEPTIDES ET POLYNUCLEOTIDES**  
[72] RUELLE, JEAN-LOUIS, BE  
[71] SMITHKLINE BEECHAM BIOLOGICALS S.A., BE  
[85] 2001-06-06  
[86] 1999-12-02 (PCT/EP99/09560)  
[87] 2000-06-15 (WO00/34480)  
[30] GB (9826886.5) 1998-12-07

[21] **2,354,431**  
[13] A1

[51] **Int.Cl. 7C12N 15/62 7A61K 48/00 7C07K 19/00 7C12P 21/00 7C12N 5/10 7A61K 39/118 7C07K 16/12 7A61K 38/16 7C07K 14/295 7C12N 15/31 7G01N 33/569 7C12Q 1/68**  
[25] EN  
[54] **CHLAMYDIA ANTIGENS AND CORRESPONDING DNA FRAGMENTS AND USES THEREOF**  
[54] **ANTIGENES DE CHLAMYDIA ET FRAGMENTS D'ADN CORRESPONDANTS UTILISATIONS DE CEUX-CI**  
[72] WANG, JOE, CA  
[72] OOMEN, RAYMOND P., CA  
[72] MURDIN, ANDREW D., CA  
[71] AVENTIS PASTEUR LIMITED, CA  
[85] 2001-06-12  
[86] 1999-12-23 (PCT/CA99/01230)  
[87] 2000-07-06 (WO00/39158)  
[30] US (60/113,280) 1998-12-23  
[30] US (60/113,281) 1998-12-23  
[30] US (60/113,282) 1998-12-23  
[30] US (60/113,283) 1998-12-23  
[30] US (60/113,284) 1998-12-23  
[30] US (60/113,285) 1998-12-23  
[30] US (60/113,385) 1998-12-23  
[30] US (60/114,050) 1998-12-28  
[30] US (60/114,056) 1998-12-28  
[30] US (60/114,057) 1998-12-28  
[30] US (60/114,058) 1998-12-28  
[30] US (60/114,059) 1998-12-28  
[30] US (60/114,061) 1998-12-28

[21] **2,354,433**  
[13] A1

[51] **Int.Cl. 7C12N 15/29 7A01H 5/00 7A01H 5/10 7C12N 5/10 7C12N 1/19 7C12N 1/21 7C12N 9/22 7C12N 15/55**  
[25] EN  
[54] **MAIZE RAD2/FEN-1 ORTHOLOGUES AND USES THEREOF**  
[54] **ORTHOLOGUES DE RAD2/FEN-1 DE MAIS ET LEURS UTILISATIONS**  
[72] MAHAJAN, PRAMOD B., US  
[71] PIONEER HI-BRED INTERNATIONAL, INC., US  
[85] 2001-06-14  
[86] 1999-11-16 (PCT/US99/27147)  
[87] 2000-06-22 (WO00/36109)  
[30] US (60/112,332) 1998-12-15

[21] **2,354,544**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68**  
[25] EN  
[54] **METHODS FOR TREATING OR IDENTIFYING A SUBJECT AT RISK FOR A NEUROLOGICAL DISEASE BY DETERMINING THE PRESENCE OF A VARIANT GPIIIA AND/OR VARIANT GPIIB ALLELE**  
[54] **PROCEDES POUR TRAITER OU IDENTIFIER UN SUJET SUSCEPTIBLE DE SOUFFRIR D'UNE MALADIE NEUROLOGIQUE PAR UNE DETECTION DE LA PRESENCE D'UN ALLELE DU GENE GPIIIA VARIANT ET/OU DU POLYPEPTIDE GPIIB VARIANT**  
[72] SCHAPPERT, KEITH, CA  
[71] VARIAGENICS, INC., CA  
[85] 2001-03-30  
[86] 1999-10-01 (PCT/IB99/01696)  
[87] 2000-04-13 (WO00/20634)  
[30] US (60/102,624) 1998-10-01

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[21] **2,354,635**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68**  
[25] EN  
[54] **SEQUENCING METHOD USING MAGNIFYING TAGS**  
[54] **METHODE DE SEQUENCAGE UTILISANT DES MARQUES GROSSISSANTES**  
[72] LEXOW, PREBEN, NO  
[71] LEXOW, PREBEN, NO  
[85] 2001-06-12  
[86] 1999-12-23 (PCT/GB99/04417)  
[87] 2000-07-06 (WO00/39333)  
[30] NO (19986133) 1998-12-23  
[30] NO (19996330) 1999-02-26  
[30] NO (19996331) 1999-03-19  
[30] NO (19996332) 1999-04-13  
[30] NO (19996333) 1999-04-14  
[30] NO (19996334) 1999-04-16  
[30] NO (19996335) 1999-04-19  
[30] NO (19996336) 1999-06-11  
[30] NO (19996337) 1999-06-15  
[30] NO (19996338) 1999-08-26  
[30] NO (19996339) 1999-09-10

[21] **2,354,638**  
[13] A1

[51] **Int.Cl. 7A01K 67/00 7A61K 39/00 7C07K 1/00 7C12N 5/00 7C12N 5/02 7A01K 67/027 7A01K 67/033**  
[25] EN  
[54] **EXPRESSION OF SECRETED HUMAN ALPHA-FETOPROTEIN IN TRANSGENIC ANIMALS**  
[54] **EXPRESSION D'ALPHA-FOETOPROTEINES HUMAINES SECRETEES CHEZ DES ANIMAUX TRANSGENIQUES**  
[72] LINDSAY, STACE, US  
[72] MULROY, ROBERT, US  
[72] SEMENIUK, DANIEL, US  
[71] ATLANTIC BIOPHARMACEUTICALS, INC., US  
[85] 2001-06-08  
[86] 2000-01-06 (PCT/US00/00264)  
[87] 2000-07-13 (WO00/40693)  
[30] US (60/114,995) 1999-01-06

[21] **2,354,644**  
[13] A1

[51] **Int.Cl. 7C12N 15/11 7A61P 37/00 7A61K 38/17 7C07K 16/18 7A61K 39/395 7A61K 31/70**  
[25] EN  
[54] **MUC-1 ANTAGONISTS AND METHODS OF TREATING IMMUNE DISORDERS**  
[54] **ANTAGONISTES DE LA MUC-1 ET METHODES DE TRAITEMENT DE TROUBLES IMMUNITAIRES**  
[72] AGRAWAL, BABITA, CA  
[72] LONGENECKER, B. MICHAEL, CA  
[71] BIOMIRA, INC., CA  
[85] 2001-06-11  
[86] 1999-12-09 (PCT/US99/29016)  
[87] 2000-06-15 (WO00/34468)  
[30] US (60/111,973) 1998-12-11

[21] **2,354,673**  
[13] A1

[51] **Int.Cl. 7G01N 33/68 7G01N 33/50 7G01N 33/566 7C12Q 1/68**  
[25] EN  
[54] **METHOD FOR DETERMINING ASTHMA SUSCEPTIBILITY**  
[54] **METHODE DE DETERMINATION DE LA SENSIBILITE ASTHMATIQUE**  
[72] HERSHEY, GURJIT K. KHURANA, US  
[71] CHILDREN'S HOSPITAL MEDICAL CENTER, US  
[85] 2001-06-06  
[86] 1999-12-10 (PCT/US99/29417)  
[87] 2000-06-15 (WO00/34789)  
[30] US (60/111,936) 1998-12-11

[21] **2,354,692**  
[13] A1

[51] **Int.Cl. 7E21B 47/022 7E21B 44/00 7E21B 7/04**  
[25] EN  
[54] **METHOD AND ROCK DRILLING APPARATUS FOR CONTROLLING ROCK DRILLING**  
[54] **PROCEDE ET DISPOSITIF DE FORAGE DE ROCHES PERMETTANT DE CONTROLER LE FORAGE DE ROCHES**  
[72] LISLERUD, ARNE, FI  
[72] AHTOLA, UNTO, FI  
[71] SANDVIK TAMROCK OY, FI  
[85] 2001-06-08  
[86] 1999-12-08 (PCT/FI99/01020)  
[87] 2000-06-15 (WO00/34623)  
[30] FI (982676) 1998-12-10

[21] **2,354,732**  
[13] A1

[51] **Int.Cl. 7H04B 3/56 7H01F 27/28**  
[25] EN  
[54] **A REMOTE FEEDER REACTANCE COIL**  
[54] **BOBINE DE REACTANCE D'UNE LIGNE DE TRANSMISSION A DISTANCE**  
[72] WIDERA, GUNTER, DE  
[72] SCHMIDT, RAINER, DE  
[71] FUBA COMMUNICATIONS SYSTEMS GMBH, DE  
[85] 2001-06-18  
[86] 1999-12-17 (PCT/EP99/10100)  
[87] 2000-06-29 (WO00/38347)  
[30] DE (198 58 506.3) 1998-12-18

[21] **2,354,735**  
[13] A1

[51] **Int.Cl. 7C12N 5/06 7A61D 19/00 7C07K 2/00 7C12N 5/08**  
[25] EN  
[54] **OOCYTE ACTIVATION BY SPERM COMPONENTS**  
[54] **ACTIVATION D'UN OVOCYTE PAR DE MULTIPLES COMPOSANTS SPERMATIQUES**  
[72] PERRY, ANTHONY C. F., US  
[72] YANAGIMACHI, RYUZO, US  
[71] UNIVERSITY OF HAWAII, US  
[85] 2001-06-12  
[86] 2000-01-07 (PCT/US00/00333)  
[87] 2000-07-13 (WO00/40700)  
[30] US (60/115,118) 1999-01-08

[21] **2,354,736**  
[13] A1

[51] **Int.Cl. 7C12N 15/81**  
[25] EN  
[54] **METHOD OF PRODUCING ANTIHYPERCHOLESTEROLEMIC AGENTS**  
[54] **METHODE POUR PRODUIRE DES AGENTS ANTIHYPERCHOLESTEROLEMIQUES**  
[72] PARK, CHEONSEOK, KR  
[72] HUTCHINSON, RICHARD C., US  
[72] KENNEDY, JONATHAN, US  
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US  
[85] 2001-06-08  
[86] 1999-12-13 (PCT/US99/29583)  
[87] 2000-06-29 (WO00/37629)  
[30] US (09/215,694) 1998-12-18



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[13] A1  
[51] **Int.Cl. 7A61K 31/70 7A61K 38/00 7A61K 39/00 7C12N 5/08 7A61K 39/395 7G01N 33/53 7G01N 33/558 7G01N 33/564**  
[25] EN  
[54] **TREATMENT OF SYSTEMIC LUPUS ERYTHEMATOSUS BY DOWN-REGULATING THE AUTOIMMUNE RESPONSE TO AUTOANTIGENS**  
[54] **TRAITEMENT DU LUPUS ERYTHEMATEUX SYSTEMIQUE PAR REGULATION NEGATIVE DE LA REPOSE AUTO-IMMUNE A DES AUTOANTIGENES**  
[72] HERKEL, JOHANNES, DE  
[72] EREZ-ALON, NETA, IL  
[72] COHEN, IRUN R., IL  
[72] ROTTER, VARDA, IL  
[71] YEDA RESEARCH AND DEVELOPMENT CO. LTD., IL  
[85] 2001-06-08  
[86] 1999-10-19 (PCT/US99/24443)  
[87] 2000-04-27 (WO00/23082)  
[30] US (60/104,816) 1998-10-19

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[13] A1  
[51] **Int.Cl. 7C12Q 1/68 7C07K 16/44 7G01N 33/53**  
[25] EN  
[54] **PREVENTION OF ADHESIONS**  
[54] **PREVENTION D'ADHERENCES**  
[72] HOLMDAHL, LENA, SE  
[72] DIAMOND, MICHAEL, US  
[72] CHEGINI, NASSER, US  
[72] BURNS, JAMES, US  
[71] UNIVERSITY OF FLORIDA, US  
[71] GENZYME CORPORATION, US  
[85] 2001-03-27  
[86] 1999-10-01 (PCT/US99/23014)  
[87] 2000-04-13 (WO00/20642)  
[30] US (60/102,869) 1998-10-02

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[21] **2,354,986**  
[13] A1  
[51] **Int.Cl. 7C12Q 1/68**  
[25] FR  
[54] **METHODE DE DETECTION IN VITRO D'UNE SUBSTANCE CIBLE DANS UN ECHANTILLION COMPRENANT LE MARQUAGE DE LADITE SUBSTANCE PAR UN GENE RAPPORTEUR ET PAR LES SEQUENCES NECESSAIRES A L'EXPRESSION DUDIT GENE RAPPORTEUR IN VITRO**  
[54] **METHOD FOR DETECTING IN VITRO A TARGET SUBSTANCE IN A SAMPLE COMPRISING THE LABELLING OF SAID SUBSTANCE WITH A REPORTER GENE AND THE SEQUENCES REQUIRED FOR EXPRESSING SAID REPORTER GENE IN VITRO**  
[72] DUPRET, DANIEL, FR  
[72] PERSILLON, CECILE, FR  
[72] MASSON, JEAN-MICHEL, FR  
[72] DAUTEL, SANDRINE, FR  
[72] LEFEVRE, FABRICE, FR  
[71] PROTEUS (S.A.), FR  
[85] 2001-06-07  
[86] 1999-12-08 (PCT/FR99/03061)  
[87] 2000-06-15 (WO00/34513)  
[30] FR (98/15489) 1998-12-08

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[21] **2,354,987**  
[13] A1  
[51] **Int.Cl. 7C12N 15/82 7A01H 5/00 7C12N 5/10**  
[25] EN  
[54] **MEANS AND METHODS FOR INFLUENCING THE FLOWERING BEHAVIOUR OF PLANTS**  
[54] **SYSTEMES ET PROCEDES PERMETTANT D'INFLUER SUR LA FLORAISON DES PLANTES**  
[72] HEYER, ARND G., DE  
[72] RAAP, MAIK, DE  
[71] MAX-PLANCK-GESELLSCHAFT ZUR FURDERUNG DER WISSENSCHAFTEN E.V., BERLIN, DE  
[85] 2001-06-13  
[86] 1999-12-14 (PCT/EP99/09930)  
[87] 2000-06-22 (WO00/36125)  
[30] DE (198 57 654.4) 1998-12-14

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[21] **2,355,065**  
[13] A1  
[51] **Int.Cl. 7G06F 9/54 7G06F 12/02 7G06F 9/46**  
[25] EN  
[54] **COMPUTER SYSTEM AND METHOD FOR OPERATING MULTIPLE OPERATING SYSTEMS IN DIFFERENT PARTITIONS OF THE COMPUTER SYSTEM AND FOR ALLOWING THE DIFFERENT PARTITIONS TO COMMUNICATE WITH ONE ANOTHER THROUGH SHARED MEMORY**  
[54] **SYSTEME ET PROCEDE INFORMATIQUES DE COMMANDE DE SYSTEMES D'EXPLOITATION MULTIPLES DANS DIFFERENTES PARTITIONS DU SYSTEME INFORMATIQUE ET PERMETTANT AUX DIFFERENTES PARTITIONS DE COMMUNIQUER ENTRE ELLES PAR UNE MEMOIRE PARTAGEE**  
[72] RUSS, CRAIG F., US  
[72] MAUER, SHARON M., US  
[72] MIKKELSEN, HANS CHRISTIAN, US  
[72] TROXELL, EUGENE W., US  
[72] HUNTER, JAMES R., US  
[72] CONNELL, MAUREEN P., US  
[72] GULICK, ROBERT C., US  
[72] MORRISSEY, DOUGLAS E., US  
[72] CALDARALE, CHARLES RAYMOND, US  
[72] VESSEY, BRUCE ALAN, US  
[71] UNISYS CORPORATION, US  
[85] 2001-06-18  
[86] 1999-12-17 (PCT/US99/30437)  
[87] 2000-06-22 (WO00/36509)  
[30] US (09/215,424) 1998-12-18

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[21] **2,355,068**  
[13] A1  
[51] **Int.Cl. 7G01N 21/00 7G01N 21/33**  
[25] EN  
[54] **METHOD FOR DETERMINATION OF THE CHARGING STATE FOR FILTRATES OF MASSES IN PAPER AND BOARD MACHINES**  
[54] **PROCEDE POUR DETERMINER L'ETAT DE CHARGE DE FILTRATS DE MASSES DANS DES MACHINES A PAPIER ET A CARTON**  
[72] PIETILAINEN, ERKKI, FI  
[71] PIETILAINEN, ERKKI, FI  
[85] 2001-06-18  
[86] 1999-12-17 (PCT/FI99/01052)  
[87] 2000-06-29 (WO00/37922)  
[30] FI (19991963) 1998-12-18

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<p style="text-align: right;">[21] <b>2,355,095</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61F 13/15</b></p> <p>[25] EN</p> <p>[54] <b>BODY APPLIED TRIDIMENSIONAL DISPOSABLE ABSORBENT ARTICLE HAVING A PANTY FASTENING SYSTEM WITH TIME DELAYED ACTIVATION</b></p> <p>[54] <b>ARTICLE ABSORBANT JETABLE TRIDIMENSIONNEL, POUR LE CORPS, POSSEDANT UN SYSTEME DE FERMETURE DE TYPE CULOTTE A ACTIVATION TEMPORISEE</b></p> <p>[72] WIERLACHER, STEFAN ALOIS, IT</p> <p>[72] NEPA, LUCREZIA, IT</p> <p>[71] THE PROCTER &amp; GAMBLE COMPANY, US</p> <p>[85] 2001-06-15</p> <p>[86] 1999-12-21 (PCT/US99/30566)</p> <p>[87] 2000-07-13 (WO00/40193)</p> <p>[30] EP (98124828.9) 1998-12-30</p>	<p style="text-align: right;">[21] <b>2,355,102</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/365 7A61K 47/44</b></p> <p>[25] EN</p> <p>[54] <b>ANTIPARASITIC FORMULATIONS</b></p> <p>[54] <b>FORMULATIONS ANTI-PARASITIQUES</b></p> <p>[72] WICKS, STEPHEN RICHARD, GB</p> <p>[72] MILOJEVIC, SNEZANA, GB</p> <p>[72] LUKAS, TIMOTHY MICHAEL, GB</p> <p>[72] HARDING, VALERIE DENISE, GB</p> <p>[71] PFIZER INC., US</p> <p>[85] 2001-06-15</p> <p>[86] 1999-11-22 (PCT/IB99/01854)</p> <p>[87] 2000-06-22 (WO00/35445)</p> <p>[30] GB (9827727.0) 1998-12-16</p>	<p style="text-align: right;">[21] <b>2,355,111</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 7/24 7H04Q 11/04</b></p> <p>[25] EN</p> <p>[54] <b>FLOW CONTROL METHOD IN A TELECOMMUNICATIONS SYSTEM</b></p> <p>[54] <b>PROCEDE DE CONTROLE DE FLUX DANS UN SYSTEME DE TELECOMMUNICATIONS</b></p> <p>[72] OHVO, MIKKO, FI</p> <p>[72] RASANEN, JUHA, FI</p> <p>[71] NOKIA NETWORKS OY, FI</p> <p>[85] 2001-06-13</p> <p>[86] 2000-01-14 (PCT/FI00/00025)</p> <p>[87] 2000-07-20 (WO00/42792)</p> <p>[30] FI (990071) 1999-01-15</p>
<p style="text-align: right;">[21] <b>2,355,107</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E06B 3/66 7E06B 3/68 7E04B 2/96</b></p> <p>[25] EN</p> <p>[54] <b>ARCHITECTURAL BUILDING PANEL</b></p> <p>[54] <b>PANNEAU DE CONSTRUCTION ARCHITECTURAL</b></p> <p>[72] GLOVER, MICHAEL, CA</p> <p>[72] FIELD, STEPHEN, CA</p> <p>[71] BOWMEAD HOLDINGS INC., CA</p> <p>[85] 2001-06-15</p> <p>[86] 1998-12-16 (PCT/CA98/01181)</p> <p>[87] 2000-06-22 (WO00/36260)</p>	<p style="text-align: right;">[21] <b>2,355,112</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 7/38</b></p> <p>[25] EN</p> <p>[54] <b>CALL ROUTING</b></p> <p>[54] <b>ACHEMINEMENT D'APPEL</b></p> <p>[72] PALVIAINEN, KEIJO, FI</p> <p>[71] NOKIA NETWORKS OY, FI</p> <p>[85] 2001-06-13</p> <p>[86] 1999-12-21 (PCT/FI99/01063)</p> <p>[87] 2000-06-29 (WO00/38461)</p> <p>[30] FI (982762) 1998-12-21</p>	

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[13] A1

[51] **Int.Cl. 7C08L 51/00 7C08F 291/00 7C08L 27/06**  
[25] EN  
[54] **IMPACT MODIFIERS FOR THERMOPLASTIC RESIN**  
[54] **AGENTS ANTICHOX POUR RESINES THERMOPLASTIQUES**  
[72] TAKAKI, AKIRA, JP  
[72] MIZUTA, TOSHIO, JP  
[72] MORI, TOSHIYUKI, JP  
[72] HASHIMOTO, TOMOMICHI, JP  
[71] KANEKA CORPORATION, JP  
[85] 2001-06-13  
[86] 2000-10-18 (PCT/JP00/07220)  
[87] 2001-05-03 (WO01/30908)  
[30] JP (11/302264) 1999-10-25

[21] **2,355,114**  
[13] A1

[51] **Int.Cl. 7G01N 1/31 7G01N 33/48**  
[25] EN  
[54] **METHOD AND APPARATUS FOR AUTOMATED REPROCESSING OF TISSUE SAMPLES**  
[54] **PROCEDE ET DISPOSITIF DE RETRAITEMENT AUTOMATIQUE D'ECHANTILLONS DE TISSUS**  
[72] JONES, RICHARD, US  
[72] BAUNOCH, DAVID, US  
[71] VENTANA MEDICAL SYSTEMS, INC., US  
[85] 2001-06-15  
[86] 1999-12-14 (PCT/US99/29515)  
[87] 2000-06-22 (WO00/36393)  
[30] US (09/212,367) 1998-12-15

[21] **2,355,115**  
[13] A1

[51] **Int.Cl. 7A61B 1/00**  
[25] EN  
[54] **ENDOSCOPE AND ENDOSCOPIC INSTRUMENT HAVING REDUCED BACKLASH WHEN MOVING THE ENDOSCOPIC INSTRUMENT WITHIN A WORKING CHANNEL OF THE ENDOSCOPE**  
[54] **INSTRUMENT ENDOSCOPIQUE PRESENTANT UN JEU REDUIT PENDANT SON INSERTION**  
[72] SMITH, KEVIN W., US  
[71] BOSTON SCIENTIFIC LIMITED, BB  
[85] 2001-06-13  
[86] 2000-10-12 (PCT/US00/28181)  
[87] 2001-04-19 (WO01/26537)  
[30] US (09/418,246) 1999-10-14

[21] **2,355,116**  
[13] A1

[51] **Int.Cl. 7C09J 157/00 7C09J 191/06**  
[25] EN  
[54] **REMOVABLE EMULSION PRESSURE-SENSITIVE ADHESIVES**  
[54] **ADHESIFS AUTOCOLLANTS DETACHABLES EN EMULSION**  
[72] BROWN, IAN, NL  
[72] YEADON, GRAHAM, CH  
[71] AVERY DENNISON CORPORATION, US  
[85] 2001-06-13  
[86] 1999-12-15 (PCT/US99/29915)  
[87] 2000-06-22 (WO00/36043)  
[30] US ( 60/112,525) 1998-12-15

[21] **2,355,117**  
[13] A1

[51] **Int.Cl. 6C07D 499/00 6C07D 501/00 6C07D 503/00 6C07D 505/00 6C07D 277/12 6A61K 31/43 6A61K 31/545 6C07D 499/88**  
[25] EN  
[54] **.BETA.-LACTAM-LIKE CHAPERONE INHIBITORS**  
[54] **INHIBITEURS DE CHAPERONE DU TYPE BETA-LACTAME**  
[72] ALMQVIST, FREDERIK, SE  
[72] HULTGREN, SCOTT, US  
[72] SOTO, GABE, US  
[71] WASHINGTON UNIVERSITY, US  
[85] 2001-06-13  
[86] 1999-02-19 (PCT/US99/03578)  
[87] 1999-08-26 (WO99/42466)  
[30] US (60/075,264) 1998-02-19

[21] **2,355,118**  
[13] A1

[51] **Int.Cl. 7G07F 11/16**  
[25] EN  
[54] **DISPENSER**  
[54] **DISTRIBUTEUR**  
[72] WILSON, JOHN STUART, ZA  
[71] THETIS ENGINEERING DEVELOPMENT (PTY) LTD, ZA  
[85] 2001-06-15  
[86] 1999-12-15 (PCT/IB99/02013)  
[87] 2000-06-29 (WO00/38123)  
[30] ZA (98/11658) 1998-12-18

[21] **2,355,119**  
[13] A1

[51] **Int.Cl. 7C01G 39/00 7C01G 41/00 7C01B 25/16**  
[25] EN  
[54] **SYNTHESIS OF HETEROPOLYACIDS**  
[54] **SYNTHESE D'HETEROPOLYACIDES**  
[72] ATKINS, MARTIN PHILIP, GB  
[72] SMITH, MARK ROYSTON, GB  
[72] HEGARTY, JAMES NOEL MARTIN, GB  
[72] GRACEY, BENJAMIN PATRICK, GB  
[71] BP CHEMICALS LIMITED, GB  
[85] 2001-06-13  
[86] 1999-11-26 (PCT/GB99/03960)  
[87] 2000-06-29 (WO00/37361)  
[30] GB (9828020.9) 1998-12-18

[21] **2,355,121**  
[13] A1

[51] **Int.Cl. 7A61F 7/12**  
[25] EN  
[54] **DEVICE AND METHOD FOR MEDICAL TREATMENT**  
[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT MEDICAL**  
[72] WALLSTEN, HANS I., CH  
[72] HENRIKSSON, PAR, SE  
[72] BACHMANN, MICHEL, CH  
[71] WALLSTEN MEDICAL S.A., CH  
[85] 2001-06-15  
[86] 1999-12-16 (PCT/SE99/02396)  
[87] 2000-06-22 (WO00/35391)  
[30] SE (9804388-8) 1998-12-17

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<p style="text-align: right;">[21] <b>2,355,122</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C11D 3/386 7C11D 17/04 7C11D 3/42</b> [25] EN [54] <b>TRANSPARENT/TRANSLUCENT LIQUID ENZYME COMPOSITIONS IN CLEAR BOTTLES COMPRISING FLUORESCENT DYE OR UV ABSORBER</b> [54] <b>COMPOSITIONS ENZYMATIQUES LIQUIDES TRANSPARENTES/ TRANSLUCIDES CONTENUES DANS DES BOUTEILLES TRANSPARENTES ET RENFERMANT UNE TEINTURE FLUORESCENTE OU UN ABSORBEUR U.V.</b> [72] BAE-LEE, MYONGSUK, US [72] HSU, FENG-LUNG GORDON, US [72] NEUSER, KRISTINA MARIE, US [72] MURPHY, DENNIS STEPHEN, US [71] UNILEVER PLC, GB [85] 2001-06-13 [86] 1999-11-30 (PCT/EP99/09373) [87] 2000-06-22 (WO00/36068) [30] US (09/212,982) 1998-12-16</p>	<p style="text-align: right;">[21] <b>2,355,124</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G02B 6/16</b> [25] EN [54] <b>OPTICAL FIBER FOR METROPOLITAN AND ACCESS NETWORK SYSTEMS</b> [54] <b>FIBRE OPTIQUE POUR SYSTEMES DE RESEAUX D'ACCES OU RESEAUX METROPOLITAINS</b> [72] SARCHI, DAVIDE, IT [72] ROBA, GIACOMO STEFANO, IT [71] PIRELLI CAVI E SISTEMI S.P.A., IT [85] 2001-06-18 [86] 1999-12-15 (PCT/EP99/09963) [87] 2000-06-29 (WO00/37977) [30] EP (98124064.1) 1998-12-18 [30] US (60/120,761) 1999-02-19</p>	<p style="text-align: right;">[21] <b>2,355,232</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01T 1/29</b> [25] EN [54] <b>X-RAY BEAM POSITION MONITORS</b> [54] <b>APPAREILS DE CONTROLE DE POSITION DE FAISCEAUX DE RAYONS X</b> [72] KYTE, MARTIN PAUL, GB [72] ARNDT, ULRICH WOLFGANG, GB [71] MEDICAL RESEARCH COUNCIL, GB [85] 2001-06-12 [86] 2000-06-05 (PCT/GB00/02149) [87] 2000-12-21 (WO00/77479) [30] GB (9913615.2) 1999-06-12</p>
<p style="text-align: right;">[21] <b>2,355,123</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61F 13/15</b> [25] EN [54] <b>DISPOSABLE ABSORBENT ARTICLE HAVING IMPROVED SIDE FEATURES</b> [54] <b>ARTICLE ABSORBANT JETABLE A ELEMENTS LATERAUX PERFECTIONNES</b> [72] WIERLACHER, STEFAN ALOIS, IT [72] SIERRI, GIANCARLO, IT [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2001-06-15 [86] 1999-12-21 (PCT/US99/30565) [87] 2000-07-13 (WO00/40192) [30] EP (98124826.3) 1998-12-30</p>	<p style="text-align: right;">[21] <b>2,355,230</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A01N 57/20 7A01N 25/02 7A01N 25/04 7A01N 35/10 7A01N 43/16 7A01N 43/18 7C07D 309/20 7A01N 37/44 7A01N 43/56 7A01N 43/80</b> [25] EN [54] <b>CYCLOHEXENONE OXIME ETHER / (GLYPHOSATES / GLUPHOSINATES) SUSPENSION CONCENTRATES</b> [54] <b>CONCENTRES EN SUSPENSION DE CYCLOHEXENONOXIMETHER / (GLYPHOSATE / GLUPHOSINATE)</b> [72] JAGER, KARL-FRIEDRICH, DE [72] FRIES, JURGEN, DE [72] VON DER HEYDE, JURGEN, DE [72] PARG, ADOLF, DE [72] KOBER, REINER, DE [72] BERGHAUS, RAINER, DE [72] BRATZ, MATTHIAS, DE [71] BASF AKTIENGESELLSCHAFT, DE [85] 2001-06-12 [86] 1999-12-15 (PCT/EP99/09956) [87] 2000-06-22 (WO00/35288) [30] US (09/211,011) 1998-12-15</p>	<p style="text-align: right;">[21] <b>2,355,233</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A47C 27/06 7A47C 19/00 7A47C 23/00 7A47C 27/04</b> [25] EN [54] <b>BED CONSTRUCTION WITH REDUCED SAGGING</b> [54] <b>CONSTRUCTION DE LIT A AFFAISSEMENT REDUIT</b> [72] KINDE, DOUGLASS D., US [72] GLADNEY, RICK F., US [72] LING, KURTIS, US [71] SIMMONS COMPANY, US [85] 2001-06-12 [86] 2001-01-10 (PCT/US01/00777) [87] 2001-07-19 (WO01/50925) [30] US (09/482,591) 2000-01-13 [30] US (09/742,126) 2000-12-26</p>

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[21] **2,355,235**  
[13] A1

[51] **Int.Cl. 7C11D 9/18 7C11D 10/04 7C11D 3/12**  
[25] EN  
[54] **PROCESS FOR PREPARING A LOW TFM DETERGENT BAR COMPOSITION**  
[54] **PROCEDE DE PREPARATION D'UNE COMPOSITION DE PAIN DE DETERGENT A FAIBLE TENEUR EN MATIERE GRASSE TOTALE**  
[72] MHASKAR, SUDHAKAR YESHWANT, IN  
[72] BENJAMIN, RAJAPANDIAN, IN  
[72] MHATRE, SUBHASH SHIVSHANKAR, IN  
[71] UNILEVER PLC, GB  
[85] 2001-06-12  
[86] 1999-11-16 (PCT/EP99/09042)  
[87] 2000-06-22 (WO00/36075)  
[30] IN (810/BOM/98) 1998-12-14  
[30] IN (811/BOM/98) 1998-12-14  
[30] GB (9906834.8) 1999-03-24  
[30] GB (9906835.5) 1999-03-24

[21] **2,355,237**  
[13] A1

[51] **Int.Cl. 7A61L 12/00 7A61L 12/08**  
[25] EN  
[54] **A SYSTEM FOR CLEANING CONTACT LENSES**  
[54] **SYSTEME DE NETTOYAGE DE VERRES DE CONTACT**  
[72] BRUUN-JENSEN, JORGEN, DK  
[71] SYNOPTIK HOLDING A/S, DK  
[85] 2001-06-12  
[86] 1999-12-14 (PCT/DK99/00701)  
[87] 2000-06-22 (WO00/35494)  
[30] DK (PCT/DK98/00551) 1998-12-14  
[30] DK (PA 1999 00886) 1999-06-22

[21] **2,355,239**  
[13] A1

[51] **Int.Cl. 7A61K 31/675 7A61K 47/02 7A61P 31/12 7A61K 9/20**  
[25] EN  
[54] **PHARMACEUTICAL FORMULATIONS**  
[54] **FORMULATIONS PHARMACEUTIQUES**  
[72] YUAN, LUNG-CHI J., US  
[72] DAHL, TERRENCE C., US  
[71] GILEAD SCIENCES, INC., US  
[85] 2001-06-12  
[86] 1999-12-14 (PCT/US99/29626)  
[87] 2000-06-22 (WO00/35460)  
[30] US (09/211,613) 1998-12-15  
[30] US (60/112,403) 1998-12-15  
[30] US (09/211,613 (CON)) 1998-12-15  
[30] US (60/112,403 (CON)) 1998-12-15

[21] **2,355,240**  
[13] A1

[51] **Int.Cl. 7C09D 201/06 7C09D 5/03 7C08G 18/38**  
[25] EN  
[54] **PARTICULATE CARBAMATE FUNCTIONAL COMPOUNDS AND POWDER COATINGS COMPRISING THE SAME**  
[54] **COMPOSES PARTICULAIRES A GROUPE FONCTIONNEL CARBAMATE ET REVETEMENTS EN POUDRE LES CONTENANT**  
[72] REHFUSS, JOHN, US  
[72] GESSNER, MICHAEL, US  
[72] MCGEE, JOHN, US  
[72] SAVINO, THOMAS, US  
[72] OHRBOM, WALTER, US  
[71] BASF CORPORATION, US  
[85] 2001-06-12  
[86] 1999-11-19 (PCT/US99/27521)  
[87] 2000-06-22 (WO00/36035)  
[30] US (09/211,578) 1998-12-14

[21] **2,355,241**  
[13] A1

[51] **Int.Cl. 7A61L 15/22 7A61L 26/00 7A61L 15/28**  
[25] EN  
[54] **BIOADHESIVE ANTIBACTERIAL WOUND HEALING COMPOSITION**  
[54] **COMPOSITION CICATRISANTE ANTIBACTERIENNE BIOADHESIVE**  
[72] LEONE, ROBERT, US  
[72] MARTIN, ALAIN, US  
[72] LEUNG, SAU-HUNG SPENCE, US  
[71] WARNER-LAMBERT COMPANY, US  
[85] 2001-06-12  
[86] 2000-01-27 (PCT/US00/02079)  
[87] 2000-08-31 (WO00/50095)  
[30] US (60/121,784) 1999-02-26

[21] **2,355,244**  
[13] A1

[51] **Int.Cl. 7B29C 45/14 7B60R 13/04**  
[25] EN  
[54] **AUTOMOTIVE TRIM WITH CLEAR TOP COAT AND METHOD OF MAKING SAME**  
[54] **GARNITURE AUTOMOBILE POURVUE D'UNE COUCHE SUPERIEURE TRANSPARENTE ET PROCEDE DE FABRICATION ASSOCIE**  
[72] SMITH, HENRY H., US  
[71] GUARDIAN AUTOMOTIVE TRIM, INC., US  
[85] 2001-06-12  
[86] 1999-12-14 (PCT/US99/29542)  
[87] 2000-06-22 (WO00/35652)  
[30] US (09/210,852) 1998-12-15

[21] **2,355,245**  
[13] A1

[51] **Int.Cl. 7F23Q 7/22**  
[25] EN  
[54] **NOVEL CERAMIC IGNITER HAVING IMPROVED OXIDATION RESISTANCE, AND METHOD OF USING SAME**  
[54] **NOUVEL ALLUMEUR CERAMIQUE A RESISTANCE AMELIOREE A L'OXYDATION, ET SON PROCEDE D'UTILISATION**  
[72] BATEMAN, LINDA S., US  
[72] WILLKENS, CRAIG A., US  
[72] LIN, ROGER, US  
[71] SAINT-GOBAIN CERAMICS AND PLASTICS, INC., US  
[85] 2001-06-11  
[86] 1999-12-14 (PCT/US99/29622)  
[87] 2000-06-29 (WO00/37856)  
[30] US (09/217,793) 1998-12-21

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<p style="text-align: center;">[21] <b>2,355,246</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B32B 27/30 7C09J 5/00 7B01D 39/16 7B32B 5/18 7B01D 71/36 7B01D 71/48</b></p> <p>[25] EN</p> <p>[54] <b>POROUS MATERIAL, AIR FILTER FILTER MEDIUM, AIR FILTER UNIT AND SUPPORT MATERIAL FOR AIR FILTER FILTER MEDIUM</b></p> <p>[54] <b>MATERIAU POREUX, SUPPORT DE FILTRAGE, ENSEMBLE DE FILTRE A AIR ET MATERIAU SUPPORT POUR SUPPORT DE FILTRAGE DE FILTRE A AIR</b></p> <p>[72] URAOKA, NOBUKI, JP [72] INOUE, OSAMU, JP [71] DAIKIN INDUSTRIES LTD., JP</p> <p>[85] 2001-06-11 [86] 1999-12-07 (PCT/JP99/06841) [87] 2000-06-22 (WO00/35672) [30] JP (10/352605) 1998-12-11</p>	<p style="text-align: center;">[21] <b>2,355,283</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A01N 43/40 7A61K 31/44</b></p> <p>[25] EN</p> <p>[54] <b>METHOD FOR TREATMENT OF BACTERIAL INFECTIONS WITH ONCE OR TWICE-WEEKLY ADMINISTERED RIFALAZIL</b></p> <p>[54] <b>PROCEDE DE TRAITEMENT DES INFECTIONS BACTERIENNES PAR ADMINISTRATION HEBDOMADAIRE OU BI-HEBDOMADAIRE DE RIFALAZIL</b></p> <p>[72] MONTGOMERY, ALAN B., US [72] PORUBEK, DAVID J., US [72] ROSE, LYNN M., US [71] PATHOGENESIS CORPORATION, US</p> <p>[85] 2001-06-18 [86] 1999-12-16 (PCT/US99/30101) [87] 2000-06-22 (WO00/35408) [30] US (60/112,921) 1998-12-18</p>	<p style="text-align: center;">[21] <b>2,355,287</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 38/02 7A61K 38/03 7C07K 7/04 7C07K 7/06 7C07K 7/08 7C07K 7/18</b></p> <p>[25] EN</p> <p>[54] <b>INHIBITION OF ANGIOGENESIS BY HIGH MOLECULAR WEIGHT KININOGEN DOMAIN 3 PEPTIDE ANALOGS</b></p> <p>[54] <b>INHIBITION DE L'ANGIOGENESE PAR DES ANALOGUES DE PEPTIDES DU DOMAINE 3 DU KININOGENE A POIDS MOLECULAIRE ELEVE</b></p> <p>[72] MCCRAE, KEITH R., US [71] TEMPLE UNIVERSITY - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US</p> <p>[85] 2001-06-13 [86] 1999-12-02 (PCT/US99/28465) [87] 2000-06-22 (WO00/35407) [30] US (60/112,427) 1998-12-16</p>
<p style="text-align: center;">[21] <b>2,355,271</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 38/13 7A61K 9/08 7A61K 47/10 7A61K 9/48</b></p> <p>[25] EN</p> <p>[54] <b>CYCLOSPORIN SOLUTION</b></p> <p>[54] <b>SOLUTION DE CYCLOSPORINE</b></p> <p>[72] FISCHER, WILFRIED, DE [71] RATIOPHARM GMBH, DE</p> <p>[85] 2001-06-13 [86] 1999-12-23 (PCT/EP99/10358) [87] 2000-07-06 (WO00/38702) [30] DE (198 59 910.2) 1998-12-23</p>	<p style="text-align: center;">[21] <b>2,355,284</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/82 7A01H 5/00 7C12N 5/10</b></p> <p>[25] EN</p> <p>[54] <b>PLANT-PATHOGEN RESISTANCE</b></p> <p>[54] <b>RESISTANCE AUX AGENTS PATHOGENES DE PLANTES</b></p> <p>[72] DENECKE, JURGEN, GB [72] JELITTO, EDITH, AT [71] THE UNIVERSITY OF YORK, GB</p> <p>[85] 2001-06-13 [86] 1999-12-14 (PCT/GB99/04141) [87] 2000-06-22 (WO00/36128) [30] GB (9827480.6) 1998-12-15</p>	<p style="text-align: center;">[21] <b>2,355,289</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 1/12 7A23K 1/18</b></p> <p>[25] EN</p> <p>[54] <b>CHLOROPHYLL-RICH AND SALT-RESISTANT CHLORELLA</b></p> <p>[54] <b>CHLORELLE RICHE EN CHLOROPHYLLE ET RESISTANT AU SEL</b></p> <p>[72] NAKANISHI, KOICHI, JP [71] KIRIN BEER KABUSHIKI KAISHA, JP</p> <p>[71] THE NISSHIN OIL MILLS, LTD., JP</p> <p>[85] 2001-06-15 [86] 1999-12-16 (PCT/JP99/07055) [87] 2000-06-22 (WO00/36084) [30] JP (10/359549) 1998-12-17</p>
<p style="text-align: center;">[21] <b>2,355,281</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 409/12 7C07D 403/12 7C07D 407/12 7C07D 413/12 7C07D 417/12</b></p> <p>[25] EN</p> <p>[54] <b>THROMBIN INHIBITORS</b></p> <p>[54] <b>INHIBITEURS DE THROMBINE</b></p> <p>[72] LEE, SUN HWA, KR [72] PARK, HEE DONG, KR [72] JUNG, WON HYUK, KR [72] PARK, CHEOL WON, KR [72] LEE, SANG KOO, KR [72] LEE, KOO, KR [71] LG CI LTD., KR</p> <p>[85] 2001-06-15 [86] 1999-12-29 (PCT/KR99/00830) [87] 2000-07-06 (WO00/39124) [30] KR (1998/60266) 1998-12-29 [30] KR (1999/33490) 1999-08-14</p>	<p style="text-align: center;">[21] <b>2,355,291</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 9/20 7A61K 31/192</b></p> <p>[25] EN</p> <p>[54] <b>A PHARMACEUTICAL MIXTURE COMPRISING A PROFEN</b></p> <p>[54] <b>MELANGE PHARMACEUTIQUE CONTENANT UN PROFENE</b></p> <p>[72] EINIG, HEINZ, DE [72] HACH, HARALD, DE [72] MULLER, BERND W., DE [72] EASON, RAYMOND, US [72] THOMPSON, RICHARD C., US [71] KNOLL AKTIENGESELLSCHAFT, DE</p> <p>[85] 2001-06-13 [86] 1999-12-14 (PCT/EP99/09904) [87] 2000-06-29 (WO00/37054) [30] US (60/112,954) 1998-12-18</p>	

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[21] **2,355,293**  
[13] A1

[51] **Int.Cl. 7A61K 31/19 7A61P 25/00 7A61K 47/12**  
[25] EN  
[54] **MICROBIOLOGICALLY SOUND AND STABLE SOLUTIONS OF GAMMA-HYDROXYBUTYRATE SALT FOR THE TREATMENT OF NARCOLEPSY**  
[54] **SOLUTIONS DE SEL D'HYDROXYBUTYRATE STABLES ET SAINES AU PLAN MICROBIOLOGIQUE, POUR LE TRAITEMENT DE LA NARCOLEPSIE**  
[72] DANIELSON, DOUG, US  
[72] COOK, HARRY N., US  
[72] HAMILTON, MARTHA, US  
[72] GODERSTAD, COLETTE, US  
[72] REARDAN, DAYTON, US  
[71] ORPHAN MEDICAL, INC., US  
[85] 2001-06-13  
[86] 1999-12-22 (PCT/US99/30740)  
[87] 2000-07-06 (WO00/38672)  
[30] US (60/113,745) 1998-12-23

[21] **2,355,295**  
[13] A1

[51] **Int.Cl. 7A61K 31/44 7A61P 3/06 7A61K 31/215**  
[25] EN  
[54] **COMBINATION OF CERIVASTATIN AND FIBRATES**  
[54] **ASSOCIATION DE CERIVASTATINE ET DE FIBRATES**  
[72] IPPEN, JOACHIM, DE  
[72] ZIEGLER, REINER, DE  
[72] SCHOPEN, ULRIKE, US  
[72] SCHUCKLER, FRITZ, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2001-06-15  
[86] 1999-12-06 (PCT/EP99/09524)  
[87] 2000-06-29 (WO00/37078)  
[30] DE (198 58 789.9) 1998-12-18

[21] **2,355,296**  
[13] A1

[51] **Int.Cl. 7A61K 31/40 7C07D 401/00 7C07D 413/00 7C07D 207/10 7A61K 31/445 7A61K 31/535 7C07D 211/54 7C07D 233/54 7C07D 211/56 7C07D 211/80**  
[25] EN  
[54] **SUBSTITUTED NITROGEN HETEROCYCLIC COMPOUNDS AND THERAPEUTIC USES THEREOF**  
[54] **COMPOSES HETEROCYCLIQUES AZOTES SUBSTITUES ET LEUR UTILISATION THERAPEUTIQUE**  
[72] REGAN, CIARAN M., IE  
[72] SZMUSZKOWICZ, JACOB, US  
[71] AMERICAN BIOGENETIC SCIENCES, INC., US  
[71] UNIVERSITY COLLEGE DUBLIN, IE  
[85] 2001-06-14  
[86] 1999-12-01 (PCT/US99/28374)  
[87] 2000-06-15 (WO00/33788)  
[30] US (60/111,839) 1998-12-11

[21] **2,355,299**  
[13] A1

[51] **Int.Cl. 7C07C 403/20 7A61P 37/00 7A61P 19/02 7A61P 37/06 7A61P 3/10 7A61P 9/10 7A61K 31/12 7A61P 9/12 7A61P 3/14 7A61K 31/192 7A61K 31/216 7C07C 403/24 7A61K 31/353 7A61K 31/455 7C07K 14/47 7C07D 311/70 7C07D 213/79 7C07D 213/80**  
[25] EN  
[54] **NOVEL LIGANDS OF NUCLEAR RECEPTOR**  
[54] **NOUVEAUX LIGANDS D'UN RECEPTEUR NUCLEAIRE**  
[72] MAGAE, JUNJI, JP  
[72] UCHIDA, TAKAFUMI, JP  
[72] ANDO, KUNIO, JP  
[72] TAMURA, GAKUZO, JP  
[71] NUCLEAR RECEPTOR RESEARCH LIMITED, JP  
[85] 2001-06-13  
[86] 1999-12-14 (PCT/JP99/07012)  
[87] 2000-06-22 (WO00/35867)  
[30] JP (10/377905) 1998-12-14

[21] **2,355,300**  
[13] A1

[51] **Int.Cl. 7A61K 31/00 7A61P 33/10 7A61P 33/14 7A01N 43/16 7A61K 31/18 7A61K 31/352 7A61K 31/353 7A61K 31/4433**  
[25] EN  
[54] **UTILIZATION OF INHIBITORS OF THE KQT1 CHANNEL IN ORDER TO PRODUCE A MEDICAMENT FOR TREATING DISEASES WHICH ARE CAUSED BY PARASITIC HELMINTHS AND ECTOPARASITES**  
[54] **UTILISATION D'INHIBITEURS DU CANAL KQT1 POUR LA PREPARATION D'UN MEDICAMENT DESTINE A TRAITER DES MALADIES PROVOQUEES PAR DES HELMINTHES ET DES ECTOPARASITES**  
[72] GERLACH, UWE, DE  
[72] HOFMANN, JOACHIM, DE  
[72] LANG, HANS, JOCHEN, DE  
[72] WEI, AGUAN, US  
[71] AVENTIS PHARMA DEUTSCHLAND GMBH, DE  
[85] 2001-06-13  
[86] 1999-12-07 (PCT/EP99/09547)  
[87] 2000-06-22 (WO00/35429)  
[30] DE (198 58 253.6) 1998-12-17

[21] **2,355,349**  
[13] A1

[51] **Int.Cl. 7C12N 15/63 7C12N 5/00 7C12N 15/00 7C07H 21/02 7C12N 5/02 7C07H 21/04 7C12N 15/09 7C12N 15/70 7C12N 15/74**  
[25] EN  
[54] **IMPROVED METHODS FOR INSERTION OF NUCLEIC ACIDS INTO CIRCULAR VECTORS**  
[54] **PROCEDES AMELIORES D'INSERTION D'ACIDES NUCLEIQUES DANS DES VECTEURS CIRCULAIRES**  
[72] ROMANTCHIKOV, YURI, US  
[71] ROMANTCHIKOV, YURI, US  
[85] 2001-06-13  
[86] 1999-12-17 (PCT/US99/30277)  
[87] 2000-06-22 (WO00/36088)  
[30] US (09/213,834) 1998-12-17

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[21] **2,355,352**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68**  
[25] EN  
[54] **DETECTING NUCLEIC ACIDS**  
[54] **DETECTION D'ACIDES NUCLEIQUES**  
[72] DOUGLAS, KENNETH THOMAS, GB  
[72] BICHENKOVA, ELENA VLADIMIROVNA, GB  
[71] THE VICTORIA UNIVERSITY OF MANCHESTER, GB  
[85] 2001-06-13  
[86] 1999-12-20 (PCT/GB99/04207)  
[87] 2000-07-13 (WO00/40751)  
[30] GB (9827912.8) 1998-12-19

[21] **2,355,579**  
[13] A1

[51] **Int.Cl. 7C12N 9/54 7C11D 3/386**  
[25] EN  
[54] **SUBTILASE ENZYMES OF THE I-S1 AND I-S2 SUB-GROUPS HAVING AN ADDITIONAL AMINO ACID RESIDUE IN AN ACTIVE SITE LOOP REGION**  
[54] **ENZYMES SUBTILASES DES SOUS-GROUPES I-S1 ET I-S2 AYANT UN RESIDU D'ACIDE AMINE ADDITIONNEL DANS UNE REGION BOUCLE DE SITE ACTIF**  
[72] HANSEN KAMP, PETER, DK  
[72] MIKKELSEN, FRANK, DK  
[72] ANDERSEN VILBOUR, KIM, DK  
[72] ANDERSEN, CARSTEN, DK  
[72] NORREGAARD-MADSEN, MADS, DK  
[71] NOVOZYMES A/S, DK  
[85] 2001-06-18  
[86] 1999-12-20 (PCT/DK99/00715)  
[87] 2000-06-29 (WO00/37624)  
[30] DK (PA 1998 01673) 1998-12-18

[21] **2,355,580**  
[13] A1

[51] **Int.Cl. 7C11D 3/386**  
[25] EN  
[54] **SUBTILASE ENZYMES OF THE I-S1 AND I-S2 SUB-GROUPS HAVING AN ADDITIONAL AMINO ACID RESIDUE IN THE ACTIVE SITE LOOP REGION**  
[54] **ENZYMES SUBTILASES DES SOUS-GROUPES I-S1 ET I-S2 POSSEDANT UN RESIDU ACIDE AMINE SUPPLEMENTAIRE DANS UN REGION EN BOUCLE DE SITE ACTIF**  
[72] HANSEN KAMP, PETER, DK  
[72] ANDERSEN, CARSTEN, DK  
[72] NORREGAARD-MADSEN, MADS, DK  
[72] MIKKELSEN, FRANK, DK  
[72] ANDERSEN VILBOUR, KIM, DK  
[71] NOVOZYMES A/S, DK  
[85] 2001-06-18  
[86] 1999-12-20 (PCT/DK99/00714)  
[87] 2000-06-29 (WO00/37599)  
[30] DK (PA 1998 01674) 1998-12-18

[21] **2,355,594**  
[13] A1

[51] **Int.Cl. 7H04B 7/10 7H04B 7/26 7H04B 1/38**  
[25] EN  
[54] **DUAL ANTENNA SYSTEM**  
[54] **SYSTEME A DEUX ANTENNES**  
[72] AMTOFT, TORBEN, DK  
[72] MARGVARDSEN, ION, DK  
[71] TELITAL R & D DENMARK A/S, DK  
[85] 2001-04-26  
[86] 1999-12-08 (PCT/DK99/00688)  
[87] 2000-06-15 (WO00/35124)  
[30] DK (PA 1998 01625) 1998-12-08

[21] **2,355,595**  
[13] A1

[51] **Int.Cl. 7A01N 31/02 7A01N 37/02 7A01N 37/10 7A01N 25/32 7A01N 37/36 7A01N 37/40 7A01N 37/42**  
[25] EN  
[54] **AGENT FOR REPELLING AND INACTIVATING PATHOGENIC ORGANISMS OF PLANTS**  
[54] **PRODUIT PERMETTENT DE LUTTER CONTRE ET DE DESACTIVER LES AGENTS PATHOGENES DE PLANTES**  
[72] HOFFLER, JUTTA, DE  
[72] ZERLING, WOLFGANG, DE  
[72] NEVERMANN, JAN, DE  
[71] MENNO CHEMIE VERTRIEBSGES. MBH, DE  
[85] 2001-05-04  
[86] 1999-09-25 (PCT/EP99/07151)  
[87] 2000-05-18 (WO00/27192)  
[30] DE (198 50 994.4) 1998-11-05

[21] **2,355,597**  
[13] A1

[51] **Int.Cl. 7A61M 5/32**  
[25] EN  
[54] **SECURING DEVICE FOR A LOW PROFILE GASTROSTOMY TUBE**  
[54] **DISPOSITIF DE FIXATION POUR TUBE DE GASTROTOMIE COURT**  
[72] MEIER, KEVIN C., US  
[72] BODICKY, RAYMOND O., US  
[72] VON DYCK, PETER, US  
[72] FOURNIE, GLENN G., US  
[72] RANFORD, ALAN, US  
[71] SHERWOOD SERVICES AG, CH  
[85] 2001-05-10  
[86] 2000-02-24 (PCT/US00/04976)  
[87] 2000-08-31 (WO00/50110)  
[30] US (09/257,164) 1999-02-24

[21] **2,355,601**  
[13] A1

[51] **Int.Cl. 6B29B 7/84 6B29C 41/04 6B29C 70/12 6B29C 41/50**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MAKING COMPOSITES**  
[54] **PROCEDE ET APPAREIL D'ELABORATION DE COMPOSITES**  
[72] BENDEK, WILFREDO G., CL  
[72] DUFEU, JORGE L., CL  
[72] VIDAURRE, VICTOR H., CL  
[71] VIDAURRE-MILLER, FRANCISCA, US  
[85] 2001-05-18  
[86] 1998-11-23 (PCT/US98/24862)  
[87] 2000-06-02 (WO00/30821)



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[21] **2,355,605**  
[13] A1

[51] **Int.Cl. 7F28F 21/06 7F28D 1/053 7F28F 13/06**  
[25] EN  
[54] **HEAT EXCHANGER WITH TUBE PLATES**  
[54] **ECHANGEUR THERMIQUE A PLAQUES CONSTITUEES DE TUBES**  
[72] DOSHI, SHAILESH RATILAL, CA  
[72] KHURANA, MAHENDER KUMAR, CA  
[72] CLARKE, GORDON JAMES, CA  
[72] BABCOCK, MYRON BRUCE, CA  
[72] STEVENS, KENNETH EARL, CA  
[72] CESARONI, ANTHONY JOSEPH, CA  
[72] SIMONATO, ENRICO, IT  
[72] MANNONI, ALBERTO, IT  
[72] PARRINO, MAURIZIO, IT  
[71] CESARONI, TECHNOLOGIES INCORPORATED, CA  
[71] CESARONI, ANTHONY JOSEPH, CA  
[71] MAGNETI MARELLI CLIMATIZZAZIONE S.R.L., IT  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2001-06-13  
[86] 2000-01-21 (PCT/CA00/00051)  
[87] 2000-07-27 (WO00/43722)  
[30] US (60/116,874) 1999-01-22  
[30] US (60/122,686) 1999-03-03

[21] **2,355,607**  
[13] A1

[51] **Int.Cl. 7A61K 39/21 7C12N 7/00 7C12N 7/04 7C12N 5/06 7C12N 7/06 7A61K 39/40 7A61K 39/42 7C12Q 1/70**  
[25] EN  
[54] **SYNERGISTIC INHIBITION OF HIV-1 FUSION AND ATTACHMENT, COMPOSITIONS AND ANTIBODIES THERETO**  
[54] **COMPOSES INHIBITEURS SYNERGIQUES DE LA FUSION ET ATTACHEMENT, COMPOSITIONS ET ANTICORPS DU VIH-1**  
[72] MADDON, PAUL J., US  
[72] OLSON, WILLIAM C., US  
[71] PROGENICS PHARMACEUTICALS, INC., US  
[85] 2001-06-13  
[86] 1999-12-16 (PCT/US99/30345)  
[87] 2000-06-22 (WO00/35409)  
[30] US (09/212,793) 1998-12-16  
[30] US (60/112,532) 1998-12-16

[21] **2,355,609**  
[13] A1

[51] **Int.Cl. 7F01P 11/06**  
[25] EN  
[54] **COOLANT FILTER ASSEMBLY KIT FOR A VEHICLE, COOLANT FILTER ASSEMBLY FORMED THEREFROM, AND METHOD OF USING SAME**  
[54] **ENSEMBLE PRET-A-MONTER DE FILTRE DE LIQUIDE DE REFROIDISSEMENT POUR VEHICULE, FILTRE DE LIQUIDE DE REFROIDISSEMENT DE VEHICULE REALISE AVEC CET ENSEMBLE ET UTILISATION DE CE FILTRE**  
[72] WRIGHT, ALLEN B., US  
[72] LANGSDORF, BRIAN J., US  
[72] REAMSNYDER, CHRISTOPHER R., US  
[71] ALLIEDSIGNAL INC., US  
[85] 2001-06-13  
[86] 1999-12-14 (PCT/US99/30189)  
[87] 2000-06-22 (WO00/36285)  
[30] US (09/211,575) 1998-12-14

[21] **2,355,614**  
[13] A1

[51] **Int.Cl. 7H01L 21/00**  
[25] EN  
[54] **COMBINATION CMP-ETCH METHOD FOR FORMING A THIN PLANAR LAYER OVER THE SURFACE OF A DEVICE**  
[54] **PROCEDE COMBINE DE POLISSAGE CHIMICO-MECANIQUE/ GRAVURE PERMETTANT DE REALISER UNE MINCE COUCHE PLANE SUR LA SURFACE D'UN DISPOSITIF**  
[72] HSU, RONG, US  
[72] HASKELL, JACOB DANIEL, US  
[71] AURORA SYSTEMS, INC., US  
[85] 2001-06-13  
[86] 1999-12-23 (PCT/US99/30756)  
[87] 2000-06-29 (WO00/38223)  
[30] US (09/220,814) 1998-12-23

[21] **2,355,617**  
[13] A1

[51] **Int.Cl. 7A61M 5/00 7A61M 5/20 7A61M 5/32**  
[25] EN  
[54] **INJECTING DEVICE**  
[54] **DISPOSITIF D'INJECTION**  
[72] BECHTOLD, HERBERT, DE  
[72] GABRIEL, JOCHEN, DE  
[71] B D MEDICO S.A.R.L., CH  
[85] 2001-06-13  
[86] 1999-12-10 (PCT/EP99/09765)  
[87] 2000-06-22 (WO00/35516)  
[30] DE (298 22 494.1) 1998-12-17

[21] **2,355,621**  
[13] A1

[51] **Int.Cl. 7G01B 11/06 7G01G 17/02**  
[25] EN  
[54] **LATEX COAT THICKNESS MEASURING AND CONTROL APPARATUS**  
[54] **APPAREIL DE CONTROLE ET DE MESURE DE L'EPAISSEUR D'UN REVETEMENT DE LATEX**  
[72] BELOTSERKOVSKY, EDWARD, US  
[71] HONEYWELL-MEASUREX CORPORATION, US  
[85] 2001-06-13  
[86] 1999-12-07 (PCT/US99/29052)  
[87] 2000-06-22 (WO00/36368)  
[30] US (09/211,883) 1998-12-15

[21] **2,355,637**  
[13] A1

[51] **Int.Cl. 7B65H 54/28 7B65H 57/04 7B65H 57/28 7B65H 54/36**  
[25] EN  
[54] **STRAND GUIDE EYE AND METHOD OF WINDING A PACKAGE USING THE SAME**  
[54] **OEILLETON DE GUIDAGE DE BRIN ET PROCEDE D'ENROULEMENT DE BOBINE A L'AIDE DE CET OEILLETON**  
[72] GALLOWAY, EUGENE V., US  
[72] MANN, DOUGLAS B., US  
[71] OWENS CORNING, US  
[85] 2001-06-19  
[86] 2000-01-25 (PCT/US00/01899)  
[87] 2000-08-03 (WO00/44659)  
[30] US (09/240,236) 1999-01-29

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[21] **2,355,638**  
[13] A1

[51] **Int.Cl. 7B65H 54/28 7B65H 57/28**  
[25] EN  
[54] **RECIPROCATING APPARATUS AND CAM FOLLOWER FOR WINDING A PACKAGE**  
[54] **DISPOSITIF A MOUVEMENT ALTERNATIF, ET GALET DE CAME, DESTINES AU BOBINAGE DE FORMATION D'UN PAQUET**  
[72] GALLOWAY, EUGENE V., US  
[71] OWENS CORNING, US  
[85] 2001-06-19  
[86] 2000-01-24 (PCT/US00/01801)  
[87] 2000-08-03 (WO00/44658)  
[30] US (09/240,234) 1999-01-29

[21] **2,355,639**  
[13] A1

[51] **Int.Cl. 6E02F 3/36**  
[25] EN  
[54] **EXCAVATING IMPLEMENT**  
[54] **OUTIL POUR ENGIN DE TERRASSEMENT**  
[72] HOLZER, DIANE, US  
[72] HOLZER, RICHARD A., US  
[71] HOLZER, DIANE, US  
[71] HOLZER, RICHARD A., US  
[85] 2001-06-19  
[86] 1998-12-23 (PCT/US98/27653)  
[87] 2000-07-06 (WO00/39407)

[21] **2,355,649**  
[13] A1

[51] **Int.Cl. 7G06F 3/033 7G09B 5/06 7G09B 5/14**  
[25] EN  
[54] **INTERACTIVE DISPLAY SYSTEM**  
[54] **SYSTEME D'AFFICHAGE INTERACTIF**  
[72] UNSWORTH, PETER, GB  
[72] OAKLEY, ANDREW ROBERT, GB  
[72] JOSCELYNE, IAN SPENCER, GB  
[71] TDS CAD GRAPHICS LIMITED, GB  
[85] 2001-06-15  
[86] 2000-01-05 (PCT/GB00/00012)  
[87] 2000-07-20 (WO00/42494)  
[30] GB (9900555.5) 1999-01-13

[21] **2,355,654**  
[13] A1

[51] **Int.Cl. 7G11B 7/24**  
[25] EN  
[54] **PHASE CHANGE-TYPE OPTICAL RECORDING MEDIUM AND PROCESS FOR MANUFACTURING THE SAME**  
[54] **SUPPORT D'ENREGISTREMENT OPTIQUE DE TYPE A CHANGEMENT DE PHASE, ET PROCEDE DE FABRICATION DE CE DERNIER**  
[72] EBINA, ATSUSHI, JP  
[72] TOMIE, TAKASHI, JP  
[72] IKEDA, YOSHINORI, JP  
[71] TEIJIN LIMITED, JP  
[85] 2001-06-19  
[86] 1999-12-24 (PCT/JP99/07300)  
[87] 2000-07-06 (WO00/39794)  
[30] JP (10/369810) 1998-12-25

[21] **2,355,658**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68**  
[25] EN  
[54] **GENOTYPING CYTOCHROME EXPRESSION**  
[54] **GENOTYPAGE DE L'EXPRESSION DU CYTOCHROME**  
[72] PAULUSSEN, AIMEE DYMYPNE CATHERINE, BE  
[72] ARMSTRONG, MARTIN, GB  
[71] JANSSEN PHARMACEUTICA N.V., BE  
[85] 2001-06-19  
[86] 1999-12-22 (PCT/GB99/04380)  
[87] 2000-07-06 (WO00/39332)  
[30] GB (9828619.8) 1998-12-23

[21] **2,355,660**  
[13] A1

[51] **Int.Cl. 7H01J 21/10 7H01J 9/02**  
[25] EN  
[54] **INSULATED-GATE ELECTRON FIELD EMISSION DEVICES AND THEIR FABRICATION PROCESSES**  
[54] **COMPOSANTS D'EMISSION DE CHAMP D'ELECTRONS A GRILLE ISOLEE ET LEURS PROCEDES DE FABRICATION**  
[72] POTTER, MICHAEL D., US  
[71] ADVANCED VISION TECHNOLOGIES, INC., US  
[85] 2001-03-23  
[86] 2000-07-24 (PCT/US00/20144)  
[87] 2001-02-01 (WO01/08192)  
[30] US (60/145,570) 1999-07-26

[21] **2,355,661**  
[13] A1

[51] **Int.Cl. 6A61B 10/00**  
[25] EN  
[54] **APPARATUS AND METHOD FOR OBTAINING TRANSEPIHELIAL SPECIMEN OF A BODY SURFACE USING A NON-LACERATING TECHNIQUE**  
[54] **INSTRUMENT PERMETTANT DE PRELEVER DES ECHANTILLONS TRANS-EPITHELIAUX SUR UNE SURFACE CORPORELLE SANS LACERER CELLE-CI ET METHODE AFFERENTE**  
[72] PAPADOPOULOS, JEREMY JAMES MICHAEL, US  
[72] LONKY, NEAL M., US  
[71] THE ORALSCAN/TRYLON JOINT VENTURE, US  
[85] 2001-04-04  
[86] 1999-07-23 (PCT/US99/16620)  
[87] 2000-02-03 (WO00/04833)  
[30] US (60/093,910) 1998-07-23

[21] **2,355,663**  
[13] A1

[51] **Int.Cl. 7A23F 5/26 7B01D 11/02 7A23F 3/18**  
[25] EN  
[54] **COFFEE SYSTEM**  
[54] **SYSTEME DE PRODUCTION DE CAFE**  
[72] KALENIAN, PAUL A., US  
[71] XCAFE LLC, US  
[85] 2001-04-05  
[86] 1999-10-05 (PCT/US99/23178)  
[87] 2000-04-13 (WO00/19833)  
[30] US (09/167,646) 1998-10-06

[21] **2,355,678**  
[13] A1

[51] **Int.Cl. 7G02B 6/18**  
[25] EN  
[54] **PHOTONIC CRYSTAL FIBER**  
[54] **FIBRE A CRISTAL PHOTONIQUE**  
[72] HAWTOF, DANIEL W., US  
[72] WEST, JAMES A., US  
[72] FIACCO, RICHARD M., US  
[72] FAJARDO, JAMES C., US  
[72] BORRELLI, NICHOLAS F., US  
[72] ALLAN, DOUGLAS C., US  
[71] CORNING INCORPORATED, US  
[85] 2001-06-19  
[86] 1999-11-30 (PCT/US99/28412)  
[87] 2000-06-29 (WO00/37974)  
[30] US (60/113,087) 1998-12-21

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[21] **2,355,679**  
[13] A1  
[51] **Int.Cl. 6C10G 35/04 6C10G 35/095 6C07C 2/64 6C07C 2/66**  
[25] EN  
[54] **CETANE UPGRADING VIA AROMATIC ALKYLATION**  
[54] **AMELIORATION DE CETANE PAR ALKYLATION AROMATIQUE**  
[72] TIMKEN, HYE KYUNG CHO, US  
[72] TREWELLA, JEFFREY C., US  
[72] COLLINS, NICK ALLEN, US  
[72] LANDIS, MICHAEL E., US  
[71] MOBIL OIL CORPORATION, US  
[85] 2001-06-19  
[86] 1999-12-16 (PCT/US99/29799)  
[87] 2000-07-06 (WO00/39253)  
[30] US (09/222,102) 1998-12-29

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[21] **2,355,680**  
[13] A1  
[51] **Int.Cl. 7A61K 39/00 7A61K 45/00 7C07K 14/00 7C12N 15/09 7A61K 39/29 7A61K 39/295**  
[25] EN  
[54] **IMPROVED RECOMBINANT HEPATITIS B SURFACE ANTIGEN**  
[54] **ANTIGENE D'ENVELOPPE D'HEPATITE B DE RECOMBINAISON AMELIORE**  
[72] GIMINEZ, JUAN, US  
[72] GERVAIS, DAVID P., US  
[72] ABRAHAM, DICKY G., US  
[72] SITRIN, ROBERT, US  
[72] ZHAO, QINJIAN, US  
[71] MERCK & CO. INC., US  
[85] 2001-06-19  
[86] 1999-12-22 (PCT/US99/30770)  
[87] 2000-06-29 (WO00/37104)  
[30] US (60/113,400) 1998-12-23

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[13] A1  
[51] **Int.Cl. 7A61M 11/00 7B05B 5/00 7A61M 15/02**  
[25] EN  
[54] **PORTABLE WATER PURIFICATION DEVICE**  
[54] **APPAREIL PORTATIF DE PURIFICATION D'EAU**  
[72] DVORSKY, JAMES E., US  
[72] ZIMLICH, WILLIAM C., JR., US  
[72] PETERS, RICHARD D., US  
[72] BUSICK, DAVID R., US  
[71] BATTELLE MEMORIAL INSTITUTE, US  
[85] 2001-06-19  
[86] 1999-12-22 (PCT/US99/30675)  
[87] 2000-07-06 (WO00/38770)  
[30] US (09/220,249) 1998-12-23  
[30] US (09/460,042) 1999-12-21

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[13] A1  
[51] **Int.Cl. 7A01N 31/08 7A01N 59/00 7A01N 31/02 7A01N 31/04 7A01N 43/80**  
[25] EN  
[54] **FORMULATION CONTAINING PHENOL AND/OR PHENOL DERIVATIVES WITH AITH LOW FREEZING POINT**  
[54] **FORMULATION RENFERMANT DES PHENOLS ET/OU DES DERIVES PHENOLIQUES A BAS POINT DE CONGELATION**  
[72] BURL, MATTHIAS, CH  
[72] SCHWARZENTRUBER, PATRICK, CH  
[71] OMYA AG, CH  
[85] 2001-06-18  
[86] 1999-12-14 (PCT/EP99/09931)  
[87] 2000-06-29 (WO00/36913)  
[30] DE (198 59 136.5) 1998-12-21

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[51] **Int.Cl. 7C03C 17/34 7C03C 17/36 7C23C 14/56**  
[25] EN  
[54] **SOIL-RESISTANT COATING FOR GLASS SURFACES**  
[54] **REVETEMENT POUR SURFACES RESISTANT A LA SALISSURE**  
[72] KRISKO, ANNETTE, US  
[72] PFAFF, GARY, US  
[72] HARTIG, KLAUS, US  
[72] BOND, BOB, US  
[72] STANEK, ROGER, US  
[71] CARDINAL IG COMPANY, US  
[85] 2001-06-19  
[86] 1999-02-02 (PCT/US99/02208)  
[87] 2000-06-29 (WO00/37377)  
[30] US (60/113,259) 1998-12-21

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[51] **Int.Cl. 7H04Q 7/22 7H04Q 7/38**  
[25] EN  
[54] **REHASH TIMER FOR PACKET DATA COMMUNICATIONS**  
[54] **HORLOGE A REHACHAGE POUR COMMUNICATIONS DE DONNEES EN PAQUETS**  
[72] RYDNEILL, GUNNAR, SE  
[72] LINDSKOG, JAN, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-04-06  
[86] 1999-10-08 (PCT/SE99/01817)  
[87] 2000-04-20 (WO00/22853)  
[30] US (60/103,576) 1998-10-09  
[30] US (09/397,508) 1999-09-17

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[51] **Int.Cl. 6A61L 9/04**  
[25] EN  
[54] **APPARATUS AND CHEMICAL COMPOSITION FOR MAINTAINING ATMOSPHERIC HUMIDITY**  
[54] **APPAREIL ET COMPOSITION CHIMIQUE PERMETTANT DE CONSERVER L'HUMIDITE ATMOSPHERIQUE**  
[72] FULLER, PETER E., US  
[71] CO2 TECHNOLOGIES, INC., US  
[85] 2001-04-09  
[86] 1999-10-06 (PCT/US99/23420)  
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[13] A1

[51] **Int.Cl. 7H04Q 7/30 7H04B 1/707**  
[25] EN  
[54] **FLEXIBLE CDMA COMBINER**  
[54] **COMBINEUR SOUPLE POUR TRANSMISSION AMRC**  
[72] DOTTERWEICH, BERND, DE  
[72] KUKLA, RALF-DIETER, DE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-06-15  
[86] 1999-12-16 (PCT/EP99/10014)  
[87] 2000-06-29 (WO00/38448)  
[30] IB (PCT/IB98/02082) 1998-12-18  
[30] EP (99116783.4) 1999-08-31

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[13] A1

[51] **Int.Cl. 7F03D 1/04 7F03D 9/00**  
[25] FR  
[54] **EOLIENNE A PALES OBLIQUES**  
[54] **WIND MACHINE WITH SLANTED BLADES**  
[72] LE NABOUR, MARCEL, FR  
[72] HAGOPIAN, CHRISTOPHE, FR  
[71] COMPAGNIE INTERNATIONALE DE TURBINES ATMOSPHERIQUES, FR  
[85] 2001-06-14  
[86] 1999-11-05 (PCT/FR99/02705)  
[87] 2000-11-23 (WO00/70219)  
[30] FR (99/06076) 1999-05-12

[21] **2,355,691**  
[13] A1

[51] **Int.Cl. 7E04F 10/04**  
[25] EN  
[54] **SUPPORT STRUCTURE FOR AN AWNING OR THE LIKE**  
[54] **STRUCTURE DE SUPPORT POUR AUVENTS EN TOILE OU ANALOGUES**  
[72] GALE, KENNETH RONALD, AU  
[71] GALE, KENNETH RONALD, AU  
[85] 2001-06-15  
[86] 1999-12-15 (PCT/AU99/01109)  
[87] 2000-06-22 (WO00/36246)  
[30] AU (PP 7759) 1998-12-17

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[13] A1

[51] **Int.Cl. 7C23C 18/16 7F01D 5/28 7C23C 18/34 7C23C 18/44**  
[25] FR  
[54] **PROCEDE POUR FORMER UN REVETEMENT D'ALLIAGE METALLIQUE DE TYPE MCRALY**  
[54] **METHOD FOR FORMING A METAL ALLOY COATING SUCH AS MCRALY**  
[72] BACOS, MARIE PIERRE, FR  
[72] JOSSO, PIERRE, FR  
[71] ONERA (OFFICE NATIONAL D'ÉTUDES ET DE RECHERCHES AÉROSPATIALES), FR  
[85] 2001-06-15  
[86] 1999-12-15 (PCT/FR99/03153)  
[87] 2000-06-22 (WO00/36180)  
[30] FR (98/15888) 1998-12-16

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[13] A1

[51] **Int.Cl. 7C08F 220/28 7C09D 157/10**  
[25] FR  
[54] **SYSTEME MONOCOMPOSANT AQUEUX D'UN POLYMER A FONCTION ACETAL OU ALDEHYDE**  
[54] **AQUEOUS MONOCONSTITUENT SYSTEM OF A POLYMER WITH ACETAL OR ALDEHYDE FUNCTION**  
[72] LOYEN, KARINE, FR  
[72] SOARES, CHRISTOPHE, FR  
[72] BETREMIEUX, ISABELLE, FR  
[72] VAIRON, JEAN-PIERRE, FR  
[72] CHARLEUX, BERNADETTE, FR  
[72] VERGE, CHRISTOPHE, FR  
[71] ATOFINA, FR  
[85] 2001-06-15  
[86] 1999-12-14 (PCT/FR99/03131)  
[87] 2000-06-22 (WO00/35979)  
[30] FR (98/15866) 1998-12-16

[21] **2,355,694**  
[13] A1

[51] **Int.Cl. 7C07D 407/12 7A61P 31/10 7C07D 413/12 7C07D 407/14 7C07D 413/14 7C07D 417/14 7A61K 31/34 7C07F 9/40 7C07D 307/83 7C07D 307/85**  
[25] EN  
[54] **NOVAL BICYCLIC COMPOUNDS**  
[54] **NOUVEAUX COMPOSES BICYCLIQUES**  
[72] TSUJII, SHINJI, JP  
[72] OHTSUKA, TATSUO, JP  
[72] MASUBUCHI, MIYAKO, JP  
[72] AOKI, YUHKO, JP  
[72] KAWASAKI, KENICHI, JP  
[72] FUJII, TOSHIHIKO, JP  
[72] LIU, PINGLI, US  
[72] EBIIKE, HIROSATO, JP  
[71] BASILEA PHARMACEUTICA AG, CH  
[85] 2001-06-15  
[86] 1999-12-10 (PCT/EP99/09763)  
[87] 2000-06-29 (WO00/37464)  
[30] EP (98124120.1) 1998-12-18

[21] **2,355,695**  
[13] A1

[51] **Int.Cl. 7C23C 18/16 7F01D 5/28 7C23C 18/34 7C23C 18/44**  
[25] FR  
[54] **PROCEDE POUR PRODUIRE UNE POUDRE D'ALLIAGE METALLIQUE DE TYPE MCRALY ET REVETEMENTS OBTENUS AVEC CETTE POUDRE**  
[54] **METHOD FOR PRODUCING A METAL ALLOY POWDER SUCH AS MCRALY AND COATINGS OBTAINED WITH SAME**  
[72] JOSSO, PIERRE, FR  
[72] BACOS, MARIE PIERRE, FR  
[71] ONERA (OFFICE NATIONAL D'ÉTUDES ET DE RECHERCHES AÉROSPATIALES), FR  
[85] 2001-06-15  
[86] 1999-12-15 (PCT/FR99/03154)  
[87] 2000-06-22 (WO00/36181)  
[30] FR (98/15889) 1998-12-16

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[13] A1

[51] **Int.Cl. 7A61K 9/00 7A61K 9/127**  
[25] EN  
[54] **THERAPEUTIC DELIVERY USING COMPOUNDS SELF-ASSEMBLED INTO HIGH AXIAL RATIO MICROSTRUCTURES**  
[54] **APPORT DE SUBSTANCE THERAPEUTIQUE AU MOYEN DE COMPOSES AUTO-ASSEMBLES POUR FORMER DES MICROSTRUCTURES A RAPPORT AXIAL ELEVE**  
[72] LUKYANOV, ANATOLY N., US  
[72] GOLDSTEIN, ALEX S., US  
[72] GELB, MICHAEL H., US  
[72] YAGER, PAUL, US  
[72] DISIS, MARY L., US  
[71] UNIVERSITY OF WASHINGTON, US  
[85] 2001-06-15  
[86] 1999-12-21 (PCT/US99/30931)  
[87] 2000-06-29 (WO00/37046)  
[30] US (09/219,057) 1998-12-22

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[13] A1

[51] **Int.Cl. 7G01D 3/024 7G01D 18/00 7G08B 29/06**  
[25] FR  
[54] **DISPOSITIF D'ACQUISITION D'ETATS LOGIQUES DE MULTIPLES CAPTEURS**  
[54] **DEVICE FOR ACQUIRING LOGIC STATES OF MULTIPLE SENSORS**  
[72] CONI, PHILIPPE, FR  
[72] MOREAU, PASCAL, FR  
[72] BESNIER, PHILIPPE, FR  
[72] MARTINEZ, MICHEL, FR  
[71] THOMSON-CSF SEXTANT, FR  
[85] 2001-06-15  
[86] 1999-12-15 (PCT/FR99/03148)  
[87] 2000-06-29 (WO00/37893)  
[30] FR (98/16023) 1998-12-18

[21] **2,355,699**  
[13] A1

[51] **Int.Cl. 7B31B 19/90**  
[25] FR  
[54] **PROCEDE DE FABRICATION D'UN EMBALLAGE COMPRENANT UNE ZONE PELABLE**  
[54] **METHOD FOR MAKING A PACKAGE COMPRISING A PEELABLE ZONE**  
[72] BOIS, HENRI GEORGES, FR  
[71] FLEXICO-FRANCE, FR  
[85] 2001-06-15  
[86] 1999-12-21 (PCT/FR99/03219)  
[87] 2000-06-29 (WO00/37246)  
[30] FR (98/16234) 1998-12-22

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[13] A1

[51] **Int.Cl. 7C09K 3/10 7H01M 8/02 7F16J 15/06 7H01M 2/08 7H01G 9/10**  
[25] EN  
[54] **GASKET**  
[54] **JOINT D'ETANCHEITE**  
[72] ANDO, OSAMU, JP  
[72] SENDA, KAZUHISA, JP  
[71] NOK CORPORATION, JP  
[85] 2001-06-15  
[86] 2000-04-26 (PCT/JP00/02728)  
[87] 2000-11-02 (WO00/64995)  
[30] JP (11/119408) 1999-04-27

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[13] A1

[51] **Int.Cl. 7F24F 13/068 7F24F 13/02**  
[25] FR  
[54] **DISPOSITIF DE DIFFUSION D'AIR STERILE DANS UNE GAINE TEXTILE**  
[54] **DEVICE FOR DIFFUSING STERILIZED AIR IN A FABRIC SHEATH**  
[72] BEUDON, DIDIER, FR  
[72] BRIDENNE, PIERRE, FR  
[71] U.N.I.R. ULTRA PROPRES-NUTRITION INDUSTRIE-RECHERCHE, FR  
[85] 2001-06-15  
[86] 1999-12-16 (PCT/FR99/03164)  
[87] 2000-06-29 (WO00/37860)  
[30] FR (98/16014) 1998-12-18

[21] **2,355,703**  
[13] A1

[51] **Int.Cl. 7C11D 7/60 7C11D 17/00 7B41F 35/00 7C11D 3/02 7C11D 7/08 7C11D 3/20 7C11D 7/30 7C11D 1/72**  
[25] FR  
[54] **COMPOSITION NETTOYANTE, PROCEDE POUR NETTOYER UN ECRAN DE SERIGRAPHIE ET DISPOSITIF DE NETTOYAGE**  
[54] **CLEANING COMPOSITION, METHOD FOR CLEANING A SILK SCREEN AND CLEANING DEVICE**  
[72] MOSCATELLI, ALEXANDRE, FR  
[71] CHIM 92, FR  
[85] 2001-06-18  
[86] 2000-10-19 (PCT/FR00/02917)  
[87] 2001-04-26 (WO01/29168)  
[30] FR (99/13302) 1999-10-19  
[30] FR (99/13303) 1999-10-19  
[30] FR (99/14950) 1999-11-26

[21] **2,355,704**  
[13] A1

[51] **Int.Cl. 7C07D 209/16 7A61K 31/40**  
[25] FR  
[54] **DERIVES DE MELATONINE ET MEDICAMENT COMPRENANT DE TELS DERIVES**  
[54] **MELATONIN DERIVATIVES AND MEDICINE CONTAINING SAME**  
[72] BLANCHARD, BEATRICE, FR  
[72] DUCROCQ, CLAIRE, FR  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS, FR  
[85] 2001-06-18  
[86] 1999-12-16 (PCT/FR99/03163)  
[87] 2000-06-29 (WO00/37441)  
[30] FR (98/16015) 1998-12-18

[21] **2,355,705**  
[13] A1

[51] **Int.Cl. 7C08G 69/44 7C08L 101/00**  
[25] FR  
[54] **POLYETHERESTERAMIDES ET COMPOSITIONS DE POLYMERES ANTISTATIQUES LES CONTENANT**  
[54] **POLYETHERESTERAMIDES AND COMPOSITIONS OF ANTISTATIC POLYMERS CONTAINING THE SAME**  
[72] LINEMANN, REINHARD, FR  
[72] LACROIX, CHRISTOPHE, FR  
[72] HILGERS, HERMANN, FR  
[72] BRIFFAUD, THIERRY, FR  
[71] ATOFINA, FR  
[85] 2001-06-18  
[86] 2000-10-17 (PCT/FR00/02889)  
[87] 2001-04-26 (WO01/29113)  
[30] FR (99/12956) 1999-10-18

[21] **2,355,706**  
[13] A1

[51] **Int.Cl. 6B60P 7/02**  
[25] EN  
[54] **PICKUP TRUCK BED COVER**  
[54] **COUVERTURE POUR PLATEAU DE CAMIONNETTE**  
[72] ARTHUR, JIM, US  
[71] ARTHUR, JIM, US  
[85] 2001-06-18  
[86] 1999-12-20 (PCT/US99/30488)  
[87] 2000-06-22 (WO00/35710)  
[30] US (09/215,242) 1998-12-18

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[13] A1

[51] **Int.Cl. 7G01P 13/02 7G01P 21/02**  
[25] FR  
[54] **PROCEDE ET DISPOSITIF DE REGLAGE D'UNE GIROUETTE ET GIROUETTE REGLABLE PAR CE PROCEDE**  
[54] **METHOD AND DEVICE FOR ADJUSTING A VANE AND VANE ADJUSTABLE BY SAID METHOD**  
[72] ROBERGE, PHILIPPE, FR  
[72] FROMENTIN, SERGE, FR  
[71] THALES AVIONICS S.A., FR  
[85] 2001-06-19  
[86] 1999-12-21 (PCT/FR99/03236)  
[87] 2000-07-06 (WO00/39593)  
[30] FR (98/16353) 1998-12-23

[21] **2,355,708**  
[13] A1

[51] **Int.Cl. 7F16D 65/14**  
[25] FR  
[54] **ACTIONNEUR AVEC UN PISTON A COMMANDE PIEZO ELECTRIQUE**  
[54] **ACTUATOR WITH PIEZOELECTRIC CONTROLLED PISTON**  
[72] AUDREN, JEAN-THIERRY, FR  
[71] SAGEM S.A., FR  
[85] 2001-06-20  
[86] 2000-10-20 (PCT/FR00/02925)  
[87] 2001-04-26 (WO01/29443)  
[30] FR (99/13130) 1999-10-21

[21] **2,355,709**  
[13] A1

[51] **Int.Cl. 7G01N 15/14**  
[25] EN  
[54] **AXIAL PATTERN ANALYSIS AND SORTING INSTRUMENT FOR MULTICELLULAR ORGANISMS EMPLOYING IMPROVED LIGHT SCATTER TRIGGER**  
[54] **INSTRUMENT DE TRI ET D'ANALYSE DE MODELES AXIAUX POUR ORGANISMES MULTICELLULAIRES UTILISANT UN DECLENCHEUR DE DISPERSION LUMINEUSE PERFECTIONNE**  
[72] GERSHMAN, RUSSELL J., US  
[72] HANSEN, PETER W., US  
[72] KRAULEDAT, PETRA B., US  
[71] UNION BIOMETRICA, INC., US  
[85] 2001-06-15  
[86] 1999-12-15 (PCT/US99/29909)  
[87] 2000-06-22 (WO00/36396)  
[30] US (60/112,280) 1998-12-15

[21] **2,355,710**  
[13] A1

[51] **Int.Cl. 7D04H 3/07 7B29C 69/00 7B65H 81/02 7B32B 5/26**  
[25] EN  
[54] **NONWOVEN FABRIC AND METHOD AND APPARATUS FOR MANUFACTURING SAME**  
[54] **ETOFFE NON TISSEE ET PROCEDE ET APPAREIL DE FABRICATION D'UNE TELLE ETOFFE**  
[72] HARTMAN, DAVID, US  
[72] SWISZ, PAUL, US  
[72] COLSON, WENDELL B., US  
[71] HUNTER DOUGLAS INC., US  
[85] 2001-06-18  
[86] 2000-01-10 (PCT/US00/00571)  
[87] 2000-07-20 (WO00/41523)  
[30] US (60/115,600) 1999-01-12  
[30] US (60/154,717) 1999-09-20  
[30] US (60/155,364) 1999-09-20  
[30] US (60/155,365) 1999-09-20

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[13] A1

[51] **Int.Cl. 7A01N 47/24 7A01N 43/40 7A01N 43/42 7A01N 43/653 7A01N 43/84**  
[25] EN  
[54] **FUNGICIDE MIXTURE**  
[54] **MELANGE FONGICIDE**  
[72] AMMERMANN, EBERHARD, DE  
[72] LEYENDECKER, JOACHIM, DE  
[72] APPEL, JOSEF, DE  
[72] SAUR, REINHOLD, DE  
[72] GROTE, THOMAS, DE  
[72] STRATHMANN, SIEGFRIED, DE  
[72] LORENZ, GISELA, DE  
[72] SCHELBERGER, KLAUS, DE  
[72] SCHERER, MARIA, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2001-06-18  
[86] 1999-12-11 (PCT/EP99/09812)  
[87] 2000-06-29 (WO00/36921)  
[30] DE (198 59 250.7) 1998-12-22

[21] **2,355,712**  
[13] A1

[51] **Int.Cl. 7C07D 473/16 7A61P 31/12 7A61P 31/18 7A61K 31/52**  
[25] EN  
[54] **ANTIVIRAL NUCLEOSIDE ANALOGUES**  
[54] **ANALOGUES DE NUCLEOSIDES ANTIVIRAUX**  
[72] NGUYEN-BA, NGHE, CA  
[71] SHIRE BIOCHEM INC., CA  
[85] 2001-06-15  
[86] 1999-12-22 (PCT/CA99/01229)  
[87] 2000-07-06 (WO00/39143)  
[30] US (60/113,797) 1998-12-23

[21] **2,355,713**  
[13] A1

[51] **Int.Cl. 7G06F 1/00 7G06F 15/02 7G06F 12/14**  
[25] EN  
[54] **ELECTRONIC DATA STORAGE AND DISPLAY APPARATUS**  
[54] **APPAREIL ELECTRONIQUE A MEMOIRE ET AFFICHAGE DE DONNEES**  
[72] JARMAN, DAVID MICHAEL, GB  
[71] JARMAN, DAVID MICHAEL, GB  
[85] 2001-06-18  
[86] 1999-12-20 (PCT/GB99/04219)  
[87] 2000-06-29 (WO00/38035)  
[30] GB (9828093.6) 1998-12-18

[21] **2,355,714**  
[13] A1

[51] **Int.Cl. 7C07C 233/29 7A61P 35/00 7A61K 31/165 7C07C 235/38**  
[25] EN  
[54] **7-ARYL-6(Z)HEPTATRIENOIC ACID RETINAMIDES AS APOPTOSIS INDUCING COMPOUNDS AND THEIR USE AS ANTI-CANCER AGENTS**  
[54] **RETINAMIDES D'ACIDE 7-ARYL-6(Z) HEPTATRIENOIQUE COMME COMPOSES D'INDUCTION DE L'APOPTOSE ET LEUR UTILISATION COMME AGENTS ANTICANCEREUX**  
[72] CHEUNG, ADRIAN WAI-HING, US  
[72] FOLEY, LOUISE HELEN, US  
[72] FERGUSON, STEPHEN B., US  
[72] LOVEY, ALLEN J., US  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2001-06-15  
[86] 1999-12-10 (PCT/EP99/09780)  
[87] 2000-06-22 (WO00/35856)  
[30] US (60/112,635) 1998-12-17

[21] **2,355,715**  
[13] A1

[51] **Int.Cl. 7H04L 9/00 7C09D 11/00 7H04L 9/32**  
[25] EN  
[54] **COUNTERFEIT DETERRENCE SYSTEM**  
[54] **SYSTEME DE DISSUASION RELATIF AUX CONTREFACONS**  
[72] DAVIS, BRUCE L., US  
[72] RHOADS, GEOFFREY B., US  
[72] CARR, J. SCOTT, US  
[71] DIGIMARC CORPORATION, US  
[85] 2001-06-15  
[86] 1999-12-16 (PCT/US99/30217)  
[87] 2000-06-22 (WO00/36785)  
[30] US (60/112,955) 1998-12-18

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[13] A1  
[51] **Int.Cl. 7C07D 471/04 7C07D 209/00 7C07D 221/00 7C07D 307/00 7C07D 333/00 7C07D 491/04 7C07D 495/04 7A61P 25/16 7A61P 25/24 7A61K 31/44**  
[25] EN  
[54] **BENZISOXAZOLES AND PHENONES AS .ALPHA.2-ANTAGONISTS**  
[54] **BENZISOXAZOLES ET PHENONES UTILISES COMME .ALPHA.2-ANTAGONISTES**  
[72] MERTENS, JOSEPHUS CAROLUS, BE  
[72] KENNIS, LUDO EDMOND JOSEPHINE, BE  
[72] PIETERS, SERGE MARIA ALOYSIUS, BE  
[71] JANSSEN PHARMACEUTICA N.V., BE  
[85] 2001-06-18  
[86] 1999-12-14 (PCT/EP99/10054)  
[87] 2000-06-29 (WO00/37466)  
[30] EP (98204358.0) 1998-12-21

[21] **2,355,717**  
[13] A1  
[51] **Int.Cl. 7C07D 471/04 7C07D 221/00 7C07D 235/00 7C07D 239/00 7C07D 249/00 7C07D 257/00 7A61P 35/00 7C07D 487/04 7C07D 401/06 7C07D 403/06 7A61K 31/4365 7A61K 31/519**  
[25] EN  
[54] **1,2-ANNELATED QUINOLINE DERIVATIVES**  
[54] **DERIVES DE 1,2-QUINOLINE CONDENSEE**  
[72] ANGIBAUD, PATRICK RENE, FR  
[72] VENET, MARC GASTON, FR  
[72] BOURDREZ, XAVIER MARC, FR  
[71] JANSSEN PHARMACEUTICA N.V., BE  
[85] 2001-06-18  
[86] 1999-12-17 (PCT/EP99/10214)  
[87] 2000-07-06 (WO00/39082)  
[30] EP (98204444.8) 1998-12-23

[21] **2,355,718**  
[13] A1  
[51] **Int.Cl. 7H04Q 7/22**  
[25] EN  
[54] **A WIRELESS COMMUNICATION SYSTEM FOR SPEECH AND PACKET DATA COMMUNICATION WHEREIN DEPLOYMENT, CONTROL AND MAINTENANCE OF PACKET DATA FUNCTIONS OF A PLURALITY OF BASE STATIONS IS DONE BY ONE CENTRALISED MOBILE DATA DEVICE**  
[54] **SYSTEME DE RADIOCOMMUNICATION DESTINE A LA COMMUNICATION DE LA PAROLE ET DES PAQUETS DE DONNEES, DANS LEQUEL L'INSTALLATION, LA COMMANDE ET LA MAINTENANCE DES FONCTIONS PAQUETS DEDONNEES DE PLUSIEURS STATIONS DE BASE SONT EFFECTUEES PAR UN DISPOSITIF DE DONNEES MOBILE CENTRALISE**  
[72] MA, MING, MY  
[72] BRANNEBY, ANDERS, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-06-20  
[86] 1999-12-07 (PCT/SE99/02283)  
[87] 2000-07-06 (WO00/40043)  
[30] SE (9804591-7) 1998-12-29

[21] **2,355,719**  
[13] A1  
[51] **Int.Cl. 7H04B 3/20 7H04B 3/54**  
[25] EN  
[54] **ECHO AND DISTORTION CANCELLATION ARRANGEMENT**  
[54] **MONTAGE D'ANNULATION D'ECHO ET DE DISTORTION**  
[72] BARKARO, STEFAN, SE  
[72] RANDAHL, TORBJORN, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-06-20  
[86] 1999-12-17 (PCT/SE99/02399)  
[87] 2000-06-29 (WO00/38345)  
[30] SE (9804505-7) 1998-12-22  
[30] SE (9900838-5) 1999-03-09

[21] **2,355,791**  
[13] A1  
[51] **Int.Cl. 6A61B 5/04**  
[25] EN  
[54] **APPARATUS FOR ENERGIZING A REMOTE STATION AND RELATED METHOD**  
[54] **APPAREIL PERMETTANT LA MISE SOUS TENSION D'UNE STATION A DISTANCE, ET SON PROCEDE**  
[72] MICKLE, MARLIN H., US  
[72] HOELZEMAN, RONALD G., US  
[72] WELLS, KEVIN W., US  
[71] UNIVERSITY OF PITTSBURGH OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US  
[85] 2001-06-20  
[86] 1999-12-21 (PCT/US99/30561)  
[87] 2000-06-29 (WO00/36974)  
[30] US (09/218,322) 1998-12-22

[21] **2,355,792**  
[13] A1  
[51] **Int.Cl. 7C07K 5/06 7C07D 205/04 7C07D 207/10 7A61K 38/55**  
[25] EN  
[54] **NEW AMIDINOBENZYLAMINE DERIVATIVES AND THEIR USE AS THROMBIN INHIBITORS**  
[54] **NOUVEAUX DERIVES D'AMIDINOBENZYLAMINE ET LEUR UTILISATION COMME INHIBITEURS DE THROMBINE**  
[72] NYSTROM, JAN-ERIK, SE  
[72] INGHARDT, TORD, SE  
[71] ASTRAZENECA AB, SE  
[85] 2001-06-20  
[86] 2000-01-13 (PCT/SE00/00052)  
[87] 2000-07-20 (WO00/42059)  
[30] SE (9900071-3) 1999-01-13  
[30] SE (9904228-5) 1999-11-22

[21] **2,355,820**  
[13] A1  
[51] **Int.Cl. 7A61K 9/48 7A61P 3/04 7A61K 47/14**  
[25] EN  
[54] **NOVEL FORMULATIONS COMPRISING LIPID-REGULATING AGENTS**  
[54] **FORMULATIONS COMPRENANT DES LIPOREGULATEURS**  
[72] LIPARI, JOHN M., US  
[72] RAYMOND, DAWN M., US  
[72] REILAND, TOM, US  
[71] ABBOTT LABORATORIES, US  
[85] 2001-06-14  
[86] 1999-12-15 (PCT/US99/29696)  
[87] 2000-06-29 (WO00/37057)  
[30] US (09/216,448) 1998-12-18

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[21] **2,355,822**  
[13] A1

[51] **Int.Cl. 7C07D 405/14 7A61P 3/06 7C07D 417/14 7A61K 31/497**  
[25] EN  
[54] **S-OXIDE LIPID LOWERING COMPOUNDS**  
[54] **COMPOSES S-OXIDE PERMETTANT D'ABAISSE LE TAUX DE LIPIDES**  
[72] THIJSSSEN, JOZEF BERTHA AUGUST, BE  
[72] ROEVENES, PETER WALTER MARIA, BE  
[72] JANSSEN, CORNELUS GERARDUS MARIA, BE  
[71] JANSSEN PHARMACEUTICA N.V., BE  
[85] 2001-06-13  
[86] 1999-12-14 (PCT/EP99/10065)  
[87] 2000-06-29 (WO00/37463)  
[30] EP (98204410.9) 1998-12-22

[21] **2,355,825**  
[13] A1

[51] **Int.Cl. 7A61K 31/53 7A61P 25/00**  
[25] EN  
[54] **TRIAZINEONE COMPOUNDS FOR TREATING DISEASES DUE TO SARCOYSTIS, NEOSPOA AND TOXOPLASMA**  
[54] **COMPOSES DE TRIAZINEONE UTILISES POUR TRAITER LES MALADIES DUES AUX SARCOYSTIS, NEOSPOA ET TOXOPLASME**  
[72] KENNEDY, THOMAS J., US  
[71] BAYER CORPORATION, US  
[85] 2001-06-19  
[86] 1999-12-18 (PCT/US99/30281)  
[87] 2000-06-29 (WO00/37063)  
[30] US (09/218,323) 1998-12-22

[21] **2,355,827**  
[13] A1

[51] **Int.Cl. 7C07K 14/765**  
[25] EN  
[54] **REMOVAL/PURIFICATION OF SERUM ALBUMINS**  
[54] **ELIMINATION/PURIFICATION D'ALBUMINES SERIQUES**  
[72] REGBERG, TOR, SE  
[72] ELLSTROM, CHRISTEL, SE  
[71] AMERSHAM PHARMACIA BIOTECH AB, SE  
[85] 2001-06-18  
[86] 1999-12-20 (PCT/EP99/10123)  
[87] 2000-06-29 (WO00/37501)  
[30] SE (9804465-4) 1998-12-22

[21] **2,355,829**  
[13] A1

[51] **Int.Cl. 7A61K 9/50 7A61K 31/4439 7A61K 47/48 7A61K 31/7048**  
[25] EN  
[54] **MULTIPARTICULATE ORAL DOSAGE FORMS**  
[54] **FORMES POSOLOGIQUES ORALE MULTIPARTICULAIRES**  
[72] CODD, JANET ELIZABETH, IE  
[72] CLANCY, MAURICE JOSEPH ANTHONY, IE  
[72] CUMMING, KENNETH IAIN, IE  
[72] CONAGHEY, ORLA MARY, IE  
[72] TEMPLETON, LOUISE, IE  
[71] ELAN CORPORATION, PLC, IE  
[85] 2001-06-15  
[86] 2000-01-07 (PCT/IE00/00003)  
[87] 2000-07-13 (WO00/40224)  
[30] IE (990009) 1999-01-07  
[30] US (60/115,070) 1999-01-07

[21] **2,355,833**  
[13] A1

[51] **Int.Cl. 7B29C 47/02 7B29B 15/10 7B29C 47/10**  
[25] EN  
[54] **METHOD FOR PRODUCING A COMPOUND FROM A FLOWABLE PLASTIC MATERIAL AND A SOLID FIBER CORE BY MEANS OF EXTRUSION AND DEVICE FOR CARRYING OUT SAID METHOD**  
[54] **PROCEDE DE FABRICATION D'UNE MATIERE COMPOSITE A L'AIDE DE PLASTIQUE FLUIDE ET D'UNE AME SOLIDE DE FIBRES PAR EXTRUSION ET DISPOSITIF PERMETTANT DE METTRE EN OEUVRE LEDIT PROCEDE**  
[72] CHSZANIECKI, SIEGFRIED, DE  
[71] BERSTORFF GMBH, DE  
[85] 2001-06-20  
[86] 1999-12-06 (PCT/DE99/03949)  
[87] 2000-06-29 (WO00/37234)  
[30] DE (198 60 550.1) 1998-12-22

[21] **2,355,835**  
[13] A1

[51] **Int.Cl. 7A61N 5/06**  
[25] EN  
[54] **SYSTEM AND METHOD FOR CONTROLLING TISSUE ABLATION**  
[54] **SYSTEME ET PROCEDE POUR PRATIQUER UNE ABLATION DE TISSUS**  
[72] NEET, JOHN M., US  
[72] WINSTON, THOMAS R., US  
[71] INTRALUMINAL THERAPEUTICS, INC., US  
[85] 2001-06-20  
[86] 2000-01-07 (PCT/US00/00460)  
[87] 2000-07-20 (WO00/41611)  
[30] US (09/228,030) 1999-01-09

[21] **2,355,837**  
[13] A1

[51] **Int.Cl. 7H04B 1/707**  
[25] EN  
[54] **PILOT FILTERING IN THE PRESENCE OF PHASE DISCONTINUITIES IN A CDMA RECEIVER**  
[54] **FILTRAGE DE SIGNAL EN PRESENCE DE DISCONTINUITES DE PHASE DANS UN RECEPTEUR CDMA**  
[72] BUTLER, BRIAN K., US  
[72] BLESSENT, LUCA, US  
[72] BENDER, PAUL E., US  
[72] AGRAWAL, AVNEESH, US  
[72] MOTIWALA, QUAEED, US  
[71] QUALCOMM INCORPORATED, US  
[85] 2001-06-20  
[86] 2000-01-11 (PCT/US00/00667)  
[87] 2000-07-20 (WO00/42713)  
[30] US (09/228,470) 1999-01-11

[21] **2,355,838**  
[13] A1

[51] **Int.Cl. 7G01G 19/07**  
[25] EN  
[54] **LOAD MEASUREMENT**  
[54] **MESURE DE CHARGE**  
[72] WILSON, FRASER, GB  
[72] GAWTHORPE, PETER, GB  
[72] O'BRIEN, EDWIN WILLIAM, GB  
[71] BAE SYSTEMS PLC, GB  
[85] 2001-06-20  
[86] 1999-12-22 (PCT/GB99/04383)  
[87] 2000-07-06 (WO00/39542)  
[30] GB (9828475.5) 1998-12-24



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[21] **2,355,839**  
[13] A1

[51] **Int.Cl. 7G06F 11/36**  
[25] EN  
[54] **INSTRUMENTATION OF CALLS TO ROUTINES FOR WHICH SOURCE CODE IS UNAVAILABLE**  
[54] **INSTRUMENTATION D'APPELS DE ROUTINES POUR LESQUELS LE CODE SOURCE N'EST PAS DISPONIBLE**  
[72] MAXWELL, SIDNEY R., US  
[71] APPLIED MICROSYSTEMS CORPORATION, US  
[85] 2001-06-18  
[86] 2000-01-14 (PCT/US00/01034)  
[87] 2000-07-27 (WO00/43886)  
[30] US (09/234,785) 1999-01-20

[21] **2,355,840**  
[13] A1

[51] **Int.Cl. 7C07C 69/003 7C07C 69/007 7C07C 69/02 7C07C 305/08 7C07F 9/08 7C07C 305/10 7A61P 31/12 7A61P 31/18 7A61K 31/20 7A61K 31/22 7A61P 31/22 7A61K 31/23 7C07C 233/46 7C07C 69/608 7A61K 31/66 7C07C 69/675 7A61K 31/70 7C07C 69/704 7C07C 69/74 7C07C 69/75 7C07C 69/757**  
[25] EN  
[54] **NEPHRONIN: A SERIES OF COMPOUNDS FOR TREATMENT OF INFECTIOUS DISEASES AND CANCER**  
[54] **NEPHRONINE: SERIE DE COMPOSES DESTINES AU TRAITEMENT DE MALADIES INFECTIEUSES ET DU CANCER**  
[72] GHADIMINEJAD, IRAJ, AU  
[71] GHADIMINEJAD, IRAJ, AU  
[85] 2001-06-20  
[86] 1999-12-21 (PCT/AU99/01157)  
[87] 2000-06-29 (WO00/37421)  
[30] AU (PP 7849) 1998-12-21

[21] **2,355,841**  
[13] A1

[51] **Int.Cl. 7H02G 7/05 7F03D 11/00 7F16L 3/10**  
[25] EN  
[54] **WIND MILL WITH A SUSPENSION FOR CABLES AND THE LIKE, SUCH SUSPENSION FOR CABLES AND THE LIKE AND A HOLDER FOR SUCH SUSPENSION**  
[54] **EOLIENNE MUNIE D'UNE SUSPENSION POUR CABLES ET ANALOGUES, SUSPENSION ASSOCIEE ET SUPPORT POUR LADITE SUSPENSION**  
[72] KRISTENSEN, PER, DK  
[72] LINDBERG, PEDER WEHNER, DK  
[72] KIRKEGAARD, KARSTEN, DK  
[71] DAN-CONTROL ENGINEERING A/S, DK  
[85] 2001-06-18  
[86] 1999-12-17 (PCT/DK99/00708)  
[87] 2000-06-22 (WO00/36724)  
[30] DK (PA 1998 01661) 1998-12-17

[21] **2,355,843**  
[13] A1

[51] **Int.Cl. 7F01C 9/00**  
[25] EN  
[54] **LEVER-MECHANISM MOTOR OR PUMP**  
[54] **MOTEUR OU POMPE A MECANISME A LEVIER**  
[72] RANTALA, VEIKKO KALEVI, FI  
[71] RANTALA, VEIKKO KALEVI, FI  
[71] VALDE, LIRIS KYLLIKKI, FI  
[85] 2001-06-18  
[86] 2000-01-18 (PCT/FI00/00034)  
[87] 2000-08-03 (WO00/45032)  
[30] FI (990083) 1999-01-18

[21] **2,355,846**  
[13] A1

[51] **Int.Cl. 6A01C 1/06**  
[25] EN  
[54] **METHOD OF TREATING SEEDS OF GRASSES**  
[54] **PROCEDE DE TRAITEMENT DE SEMENCES DE GRAMINEES**  
[72] NISHIDA, YOSHITSUGU, JP  
[72] SHIMAZAKI, FUJIO, JP  
[71] SHIMAZAKI SEED CO., LTD., JP  
[85] 2001-06-18  
[86] 1999-10-08 (PCT/JP99/05554)  
[87] 2000-06-29 (WO00/36902)  
[30] JP (10/361992) 1998-12-21  
[30] JP (11/284109) 1999-10-05

[21] **2,355,848**  
[13] A1

[51] **Int.Cl. 7C07D 239/22 7C07D 491/048**  
[25] EN  
[54] **DIHYDROPYRIMIDINES AND USES THEREOF**  
[54] **DIHYDROPYRIMIDINES ET LEURS UTILISATIONS**  
[72] LAGU, BHARAT, US  
[72] DUNN, MICHAEL, US  
[72] NAGARATHNAM, DHANAPALAN, US  
[72] EVANS, BENJAMIN, US  
[72] KARI, HANUMATH P., US  
[72] ZHANG, KANYIN, US  
[72] VYAS, KAMLESH P., US  
[72] DAVIS, MARGARET R., US  
[72] CUI, DONGHUI, US  
[71] SYNAPTIC PHARMACEUTICAL CORPORATION, US  
[85] 2001-06-20  
[86] 1999-12-23 (PCT/US99/30868)  
[87] 2000-06-29 (WO00/37026)  
[30] US (09/221,668) 1998-12-23  
[30] US (60/113,612) 1998-12-23

[21] **2,355,850**  
[13] A1

[51] **Int.Cl. 7A61B 5/0444**  
[25] EN  
[54] **DEVICE FOR REDUCING SIGNAL NOISE IN A FETAL ECG SIGNAL**  
[54] **DISPOSITIF D'ATTENUATION DU BRUIT DE SIGNAL DANS UN SIGNAL ECG FOETAL**  
[72] SAMUELSSON, ARNE, SE  
[72] ROSEN, KARL G., SE  
[71] NEOVENTA MEDICAL AB, SE  
[85] 2001-06-19  
[86] 1999-12-22 (PCT/GB99/04371)  
[87] 2000-06-29 (WO00/36975)  
[30] GB (9828362.5) 1998-12-22

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<p style="text-align: right;">[21] <b>2,355,854</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 9/54</b> [25] EN [54] <b>CONTROLLED RELEASE FORMULATIONS HAVING RAPID ONSET AND RAPID DECLINE OF EFFECTIVE PLASMA DRUG CONCENTRATIONS</b> [54] <b>FORMULATIONS A LIBERATION CONTROLEE CARACTERISEES PAR UNE ACTION IMMEDIATE ET UNE DIMINUTION RAPIDE DES CONCENTRATIONS EFFICACES DE MEDICAMENTS DANS LE PLASMA</b> [72] DARKE, ANDREW, CA [72] KRISHNAMURTHY, THINNAYAM N., CA [71] EURO-CELTIQUE, S.A., LU [85] 2001-06-15 [86] 1999-12-17 (PCT/IB99/02095) [87] 2000-06-22 (WO00/35426) [30] US (60/112,617) 1998-12-17</p>	<p style="text-align: right;">[21] <b>2,355,857</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 405/12 7A61P 1/00 7C07D 513/04 7C07D 405/14 7A61K 31/445</b> [25] EN [54] <b>4-(AMINOMETHYL)-PIPERIDINE BENZAMIDES FOR TREATING GASTROINTESTINAL DISORDERS</b> [54] <b>4-(AMINOMETHYL)-PIPERIDINE BENZAMIDES PERMETTANT DE TRAITER LES TROUBLES GASTRO-INTESTINAUX</b> [72] BOSMANS, JEAN-PAUL RENE MARIE ANDRE, BE [72] MEULEMANS, ANN LOUISE GABRIELLE, BE [72] DE CLEYN, MICHEL ANNA JOZEF, BE [72] GIJSEN, HENRICUS JACOBUS MARIA, BE [71] JANSSEN PHARMACEUTICA N.V., BE [85] 2001-06-13 [86] 1999-12-14 (PCT/EP99/10064) [87] 2000-06-29 (WO00/37461) [30] EP (98204411.7) 1998-12-22</p>	<p style="text-align: right;">[21] <b>2,355,860</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 9/16 7A61K 9/26 7A61K 9/48 7A61K 9/52</b> [25] EN [54] <b>DOSAGE FORMS COMPRISING POROUS PARTICLES</b> [54] <b>FORMES POSOLOGIQUES COMPRENANT DES PARTICULES POREUSES</b> [72] POLLOCK-DOVE, CRYSTAL, US [72] WONG, PATRICK, US [72] DONG, LIANG-CHANG, US [72] EDGREN, DAVID, US [71] ALZA CORPORATION, US [85] 2001-06-20 [86] 1999-12-23 (PCT/GB99/04426) [87] 2000-07-06 (WO00/38655) [30] US (60/113,559) 1998-12-23 [30] US (60/113,615) 1998-12-23 [30] US (60/113,750) 1998-12-23</p>
<p style="text-align: right;">[21] <b>2,355,855</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C23C 22/07 7C23C 22/17 7C23C 22/18 7C23C 22/20 7C23C 22/22 7C23C 22/56</b> [25] EN [54] <b>METAL-SURFACE-TREATING COMPOSITION AND SURFACE-TREATED METAL MATERIAL</b> [54] <b>COMPOSITION POUR TRAITEMENT DE SURFACE DE METAL ET MATERIAU METALLIQUE A SURFACE TRAITEE</b> [72] UMINO, SHIGERU, JP [72] TADA, CHIYOKO, JP [72] OGATA, HIROYUKI, JP [71] KAWASAKI STEEL CORPORATION, JP [85] 2001-06-19 [86] 2000-10-05 (PCT/JP00/06904) [87] 2001-05-03 (WO01/31083) [30] JP (11/301529) 1999-10-22 [30] JP (11/323796) 1999-11-15</p>	<p style="text-align: right;">[21] <b>2,355,858</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B23K 26/00</b> [25] EN [54] <b>A COMBINATION PUNCH PRESS AND LASER MACHINE</b> [54] <b>PRESSE A POINCONNER ASSOCIEE A UNE MACHINE LASER</b> [72] ULRICH, JOHANNES, DE [71] LILLBACKA JETAIR OY, FI [85] 2001-06-19 [86] 2000-01-31 (PCT/IB00/00091) [87] 2000-08-17 (WO00/47360) [30] US (09/246,128) 1999-02-08</p>	<p style="text-align: right;">[21] <b>2,355,862</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C30B 15/02 7C30B 15/00 7C01B 33/025 7C30B 29/06 7B22F 3/105</b> [25] EN [54] <b>AGGLOMERATION OF SILICON POWDERS</b> [54] <b>AGGLOMERATION DE POUDRES DE SILICIUM</b> [72] ARMBRUST, RALPH, DE [72] ACKERMANN, JURGEN, DE [72] WEBER, RAINER, DE [72] BLOCK, HANS-DIETER, DE [72] ZAQQA, NADIM, DE [72] LAUBACH, BENNO, DE [72] LANGE, HORST, DE [71] GE BAYER SILICONES GMBH &amp; CO. KG, DE [85] 2001-06-19 [86] 1999-12-09 (PCT/EP99/09694) [87] 2000-06-29 (WO00/37719) [30] DE (198 59 288.4) 1998-12-22</p>
	<p style="text-align: right;">[21] <b>2,355,859</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/53 7A61K 48/00 7A61P 35/00 7A61K 31/165</b> [25] EN [54] <b>GENE THERAPY-1</b> [54] <b>THERAPIE GENIQUE 1</b> [72] DAVIES, DONALD, GB [71] ML LABORATORIES PLC, GB [85] 2001-06-15 [86] 1999-12-30 (PCT/GB99/04268) [87] 2000-07-13 (WO00/40271) [30] GB (9900009.3) 1999-01-04 [30] GB (9920837.3) 1999-09-04</p>	

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[21] **2,355,864**  
[13] A1

[51] **Int.Cl. 7A61K 31/415 7A61K 31/27**  
[25] EN  
[54] **THROMBOPOIETIN MIMETICS**  
[54] **MIMETIQUES DE THROMBOPOIETINE**  
[72] DUFFY, KEVIN J., US  
[72] LUENGO, JUAN I., US  
[72] MILLER, STEPHEN G., US  
[71] SMITHKLINE BEECHAM CORPORATION, US  
[71] LIGAND PHARMACEUTICALS, US  
[85] 2001-06-15  
[86] 1999-12-17 (PCT/US99/30371)  
[87] 2000-06-22 (WO00/35446)  
[30] US (60/112,614) 1998-12-17  
[30] US (60/153,364) 1999-09-10

[21] **2,355,865**  
[13] A1

[51] **Int.Cl. 7A01K 67/027 7A61K 49/00**  
[25] EN  
[54] **GRAFT ANIMAL MODEL FOR HIGH INDUCTION OF PAPILOMAS, THE PROPAGATION OF PAPILOMAVIRUS AND EVALUATION OF CANDIDATE THERAPEUTIC AGENTS**  
[54] **MODELE D'ANIMAL DE GREFFE POUR L'INDUCTION ELEVEE DE PAPILOMES, LA PROPAGATION DE PAPILOMAVIRUS ET L'EVALUATION D'AGENTS THERAPEUTIQUES CANDIDATS**  
[72] DUAN, JIANMIN, CA  
[71] BOEHRINGER INGELHEIM (CANADA) LTD., CA  
[85] 2001-06-19  
[86] 1999-12-16 (PCT/CA99/01196)  
[87] 2000-07-13 (WO00/40082)  
[30] US (60/114,642) 1999-01-04

[21] **2,355,868**  
[13] A1

[51] **Int.Cl. 7C22C 38/44 7E01B 7/10**  
[25] EN  
[54] **STEEL FOR RAILWAY CROSSING POINTS**  
[54] **ACIER POUR POINTS DE CROISEMENT FERROVIAIRES**  
[72] HECZKO, EDUARD, CZ  
[72] ZBO.RCARON.IL, JOSEF, CZ  
[71] DT VYHYBKARNA A MOSTARNA, SPOL. S R.O., CZ  
[85] 2001-06-18  
[86] 2000-11-14 (PCT/CZ00/00085)  
[87] 2001-05-25 (WO01/36698)  
[30] CZ (PUV 1999-10091) 1999-11-17

[21] **2,355,872**  
[13] A1

[51] **Int.Cl. 7A61K 9/46 7A61K 31/295**  
[25] EN  
[54] **METHOD FOR PREPARING AN EFFERVESCENT GRANULATE COMPRISING IRON GLUCONATE, GRANULATE THUS OBTAINED AND TABLETS CONTAINING THE SAME**  
[54] **PROCEDE DE PREPARATION D'UN GRANULE EFFERVESCENT COMPRENANT DU GLUCONATE DE FER, GRANULE AINSI OBTENU ET COMPRIMES LE COMPRENANT**  
[72] CATALANO, RICCARDO, IT  
[71] E-PHARMA TRENTO S.P.A., IT  
[85] 2001-06-18  
[86] 1999-12-17 (PCT/EP99/10210)  
[87] 2000-07-06 (WO00/38657)  
[30] IT (MI98A002821) 1998-12-24

[21] **2,355,873**  
[13] A1

[51] **Int.Cl. 7A61L 31/10 7A61F 2/06 7A61L 31/16**  
[25] EN  
[54] **STENT GRAFTS WITH BIOACTIVE COATINGS**  
[54] **PROTHESES ENDOVASCULAIRES A REVETEMENTS BIOACTIFS**  
[72] HUNTER, WILLIAM L., CA  
[72] JACKSON, JOHN K., CA  
[72] MACHAN, LINDSAY S., CA  
[71] ANGIOTECH PHARMACEUTICALS, INC., CA  
[71] UNIVERSITY OF BRITISH COLUMBIA, CA  
[85] 2001-06-18  
[86] 1999-12-30 (PCT/CA99/01237)  
[87] 2000-07-13 (WO00/40278)  
[30] US (60/114,731) 1998-12-31  
[30] US (60/116,726) 1999-01-20

[21] **2,355,874**  
[13] A1

[51] **Int.Cl. 7C07K 7/06 7A61P 7/02 7A61K 38/04 7C07K 7/08 7C12N 15/10**  
[25] EN  
[54] **.ALPHA.V.BETA.6 INTEGRIN INHIBITORS**  
[54] **INHIBITEURS DE L'INTEGRINE \$G(A)V\$G(B)6**  
[72] DIEFENBACH, BEATE, DE  
[72] JONCZYK, ALFRED, DE  
[72] MEHTA, RAY, GB  
[72] KRAFT, SABINE, DE  
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE  
[85] 2001-06-18  
[86] 1999-12-11 (PCT/EP99/09842)  
[87] 2000-06-29 (WO00/37487)  
[30] DE (198 58 857.7) 1998-12-19

[21] **2,355,876**  
[13] A1

[51] **Int.Cl. 7C12N 15/31 7A61K 48/00 7C12P 21/00 7C12N 5/10 7A61K 39/118 7C07K 16/12 7A61K 38/16 7C07K 14/295 7A61K 39/395 7G01N 33/569 7C12Q 1/68**  
[25] EN  
[54] **CHLAMYDIA TRACHOMATIS ANTIGENS**  
[54] **ANTIGENES A CHLAMYDIA TRACHOMATIS**  
[72] RATTI, GIULIO, IT  
[71] CHIRON S.P.A., IT  
[85] 2001-06-15  
[86] 1999-12-17 (PCT/IB99/02065)  
[87] 2000-06-29 (WO00/37494)  
[30] GB (9828000.1) 1998-12-18

[21] **2,355,877**  
[13] A1

[51] **Int.Cl. 7E04B 1/38**  
[25] EN  
[54] **CONSTRUCTION AND METHOD FOR JOINTING A PLURALITY OF STEEL MEMBERS USING SHEAR RINGS**  
[54] **CONFIGURATION ET PROCEDE D'ASSEMBLAGE DE PLUSIEURS ELEMENTS EN ACIER AVEC DES ANNEAUX DE CISAILLEMENT**  
[72] KIM, NAM YOUNG, KR  
[71] SSEDAA TECHNOLOGY CO., LTD., KR  
[85] 2001-06-18  
[86] 1999-12-27 (PCT/KR99/00819)  
[87] 2000-07-06 (WO00/39416)  
[30] KR (1998/58697) 1998-12-26  
[30] KR (1999/60063) 1999-12-21

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[21] **2,355,879**  
[13] A1

[51] **Int.Cl. 7A61K 48/00 7A61K 49/00 7A61P 27/00 7A61P 29/00 7A61P 35/00**  
[25] FR  
[54] **COMPOSITIONS PHARMACEUTIQUES COMPRENANT DES CELLULES ENDOTHELIALES IMMORTALISEES**  
[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING IMMORTALISED ENDOTHELIAL CELLS**  
[72] QUINONERO, JEROME, FR  
[72] TIMSIT, SERGE, FR  
[71] NEUROTECH (S.A.), FR  
[85] 2001-06-19  
[86] 1999-11-30 (PCT/FR99/02965)  
[87] 2000-06-29 (WO00/37112)  
[30] FR (98/16145) 1998-12-21

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[21] **2,355,880**  
[13] A1

[51] **Int.Cl. 7C07K 1/04 7C07B 61/00**  
[25] EN  
[54] **PROCESS FOR PREPARING POLYAMINES**  
[54] **PROCEDE DE PREPARATION DE POLYAMINES**  
[72] HONE, NEAL DAVID, GB  
[72] PAYNE, LLOYD JAMES, GB  
[71] MILLENNIUM PHARMACEUTICALS LIMITED, GB  
[85] 2001-06-15  
[86] 1999-06-16 (PCT/GB99/01719)  
[87] 2000-06-22 (WO00/35941)  
[30] GB (PCT/GB98/03775) 1998-12-16

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[21] **2,355,881**  
[13] A1

[51] **Int.Cl. 7H04L 12/24**  
[25] EN  
[54] **SYSTEM AND METHOD FOR PROVIDING FLEXIBLE MANAGEMENT OF A NETWORK**  
[54] **SYSTEME ET PROCEDE PERMETTANT DE REALISER UNE GESTION DE RESEAU SOUPLE**  
[72] YAVATKAR, RAJ S., US  
[72] YADAV, SATYENDRA, US  
[72] ADITYA, VIKAS, US  
[71] INTEL CORPORATION, US  
[85] 2001-06-18  
[86] 1999-12-30 (PCT/US99/31330)  
[87] 2000-07-06 (WO00/39963)  
[30] US (09/224,030) 1998-12-31

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[21] **2,355,882**  
[13] A1

[51] **Int.Cl. 7A61K 48/00 7A61P 25/00 7C12N 5/10**  
[25] FR  
[54] **PREPARATIONS DE CELLULES DE MAMMIFERE EVENTUELLEMENT TRANSFECTEES AVEC UN GENE CODANT POUR UNE SUBSTANCE ACTIVE ET LES CONTENANT**  
[54] **MAMMALIAN CELL PREPARATIONS OPTIONALLY TRANSFECTED WITH A GENE CODING FOR AN ACTIVE SUBSTANCE CONTAINING SAME**  
[72] QUINONERO, JEROME, FR  
[72] TIMSIT, SERGE, FR  
[71] NEUROTECH (S.A.), FR  
[85] 2001-06-19  
[86] 1999-11-30 (PCT/FR99/02964)  
[87] 2000-06-29 (WO00/37111)  
[30] FR (98/16144) 1998-12-21

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[21] **2,355,883**  
[13] A1

[51] **Int.Cl. 7C07K 1/00 7C12N 7/00 7C12N 15/09 7A61K 39/12 7C12N 1/20 7G01N 33/53 7C12Q 1/70**  
[25] EN  
[54] **NEUTRALIZING ASSAY USING HUMAN PAPILLOMAVIRUS VIRUS-LIKE PARTICLES**  
[54] **DOSAGE NEUTRALISANT UTILISANT DES PARTICULES VERIFORMES DU PAPILLOMAVIRUS HUMAIN**  
[72] JANSEN, KATHRIN U., US  
[72] YEAGER, MARK D., US  
[72] LOWE, ROBERT S., US  
[72] ASTE-AMEZAGA, MIGUEL, US  
[72] KELLER, PAUL M., US  
[71] MERCK & CO., INC., US  
[85] 2001-06-18  
[86] 1999-12-20 (PCT/US99/30297)  
[87] 2000-07-06 (WO00/39151)  
[30] US (60/113,388) 1998-12-23

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[21] **2,355,884**  
[13] A1

[51] **Int.Cl. 7B29C 67/00 7C08K 3/34**  
[25] EN  
[54] **LOW PRESSURE COMPRESSION MOLDED PARTS HAVING NANOPARTICLE REINFORCED PROTRUSIONS AND METHOD OF MAKING THE SAME**  
[54] **PIECES MOULEES PAR COMPRESSION BASSE PRESSION PRESENTANT DES PROTUBERANCES RENFORCEES PAR DES NANOPARTICULES ET PROCEDE DE FABRICATION DESDITES PIECES**  
[72] WILSON, PHILLIP S., US  
[71] MAGNA INTERNATIONAL OF AMERICA, INC., US  
[85] 2001-06-20  
[86] 1999-12-17 (PCT/US99/29992)  
[87] 2000-06-29 (WO00/37243)  
[30] US (60/113,133) 1998-12-21

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[21] **2,355,885**  
[13] A1

[51] **Int.Cl. 7F42B 7/02**  
[25] EN  
[54] **SHOTSHELL BASEWAD**  
[54] **BOURRE DE CULOT DE CARTOUCHE**  
[72] CORZINE, ALAN J., US  
[72] GARDNER, ROBERT J., US  
[72] BUENEMANN, MORRIS C., JR., US  
[72] BELKNAP, BRIAN B., US  
[72] BEST, GREGORY C., US  
[72] MAYFIELD, SCOTT H., US  
[71] OLIN CORPORATION, US  
[85] 2001-06-20  
[86] 1999-12-08 (PCT/US99/29092)  
[87] 2000-06-29 (WO00/37877)  
[30] US (60/113,234) 1998-12-21  
[30] US (09/255,600) 1999-02-22

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,355,886</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 401/00</b> [25] EN [54] <b>SUBSTITUTED OXIMES AND HYDRAZONES AS NEUROKININ ANTAGONISTS</b> [54] <b>OXIMES SUBSTITUES ET HYDRAZONES EN TANT QU'ANTAGONISTES DE NEUROKININE</b> [72] REICHARD, GREGORY A., US [72] WANG, DASONG, US [72] SHIH, NENG-YANG, US [71] SCHERING CORPORATION, US [85] 2001-06-20 [86] 1999-12-21 (PCT/US99/27953) [87] 2000-07-06 (WO00/39114) [30] US (09/220,316) 1998-12-23</p>	<p style="text-align: right;">[21] <b>2,355,889</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G07F 17/32 7A63F 13/00 7G06F 19/00</b> [25] EN [54] <b>COMPUTER GAMBLING GAME</b> [54] <b>JEU DE HASARD INFORMATISE</b> [72] COTE, HAROLD, CA [72] GIARD, STEPHAN, CA [71] INGENIO, FILIALE DE LOTTO-QUÉBEC INC., CA [85] 2001-06-19 [86] 1999-12-20 (PCT/CA99/01228) [87] 2000-07-06 (WO00/39761) [30] CA (2,258,809) 1998-12-23</p>	<p style="text-align: right;">[21] <b>2,355,891</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 9/20 7A61K 31/215</b> [25] EN [54] <b>SUSTAINED-RELEASE PHARMACEUTICAL PREPARATION CONTAINING TILIDINE MESYLATE AS ACTIVE INGREDIENT</b> [54] <b>COMPOSITION PHARMACEUTIQUE A LIBERATION CONTROLEE CONTENANT COMME PRINCIPE ACTIF DU MESYLATE DE TILIDINE</b> [72] HIRSCH, RICHARD, DE [72] WESSELING, MARTIN, DE [72] STRUNGSMANN, THOMAS, DE [71] HEXAL AG, DE [85] 2001-06-19 [86] 1999-12-23 (PCT/EP99/10381) [87] 2000-07-06 (WO00/38656) [30] DE (198 59 636.7) 1998-12-23</p>
<p style="text-align: right;">[21] <b>2,355,888</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 49/00</b> [25] EN [54] <b>BLOOD POOL AGENTS FOR NUCLEAR MAGNETIC RESONANCE DIAGNOSTICS</b> [54] <b>AGENTS DE COMPARTIMENT SANGUIN POUR ETABLIR DES DIAGNOSTICS PAR RESONANCE MAGNETIQUE NUCLEAIRE</b> [72] GAZZOTTI, ORNELLA, IT [72] DE HAEN, CHRISTOPH, IT [72] VISIGALLI, MASSIMO, IT [72] BROCCHETTA, MARINO, IT [72] LATTUADA, LUCIANO, IT [72] LUX, GIOVANNA, IT [72] SERLETI, MICHELE, IT [72] MOROSINI, PIERFRANCESCO, IT [72] PALANO, DANIELA, IT [72] ANELLI, PIER LUCIO, IT [72] MANFREDI, GIUSEPPE, IT [72] UGGERI, FULVIO, IT [71] BRACCO IMAGING S.P.A., IT [85] 2001-06-15 [86] 1999-12-16 (PCT/EP99/10002) [87] 2000-07-06 (WO00/38738) [30] IT (MI98A002802) 1998-12-23</p>	<p style="text-align: right;">[21] <b>2,355,890</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/17 7C07C 273/00 7C07C 275/00 7C07D 295/00 7C07D 207/10 7C07D 215/16 7C07D 215/20 7C07D 207/22 7C07D 265/30 7C07D 207/34 7C07D 215/36 7A61K 31/40 7A61K 31/445 7A61K 31/535 7A61K 31/54 7C07D 211/80</b> [25] EN [54] <b>HYDROXY DIPHENYL UREA SULFONAMIDES AS IL-8 RECEPTOR ANTAGONISTS</b> [54] <b>SULFONAMIDES HYDROXYDIPHENYLUREE ANTAGONISTES DU RECEPTEUR D'IL-8</b> [72] WIDDOWSON, KATHERINE L., US [72] JIN, QI, US [72] MCCLELAND, BRENT W., US [72] PALOVICH, MICHAEL R., US [71] SMITHKLINE BEECHAM CORPORATION, US [85] 2001-06-15 [86] 1999-12-15 (PCT/US99/29940) [87] 2000-06-22 (WO00/35442) [30] US (60/112,481) 1998-12-16 [30] US (60/137,003) 1999-06-01</p>	<p style="text-align: right;">[21] <b>2,355,893</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/06 7C07K 16/00 7C12P 21/08 7C12N 5/12 7G01N 33/53 7G01N 33/577</b> [25] EN [54] <b>ANTIURACIL MONOCLONAL ANTIBODY</b> [54] <b>ANTICORPS MONOCLONAL ANTI-URACIL</b> [72] SOMA, GEN-ICHIRO, JP [71] TAIHO PHARMACEUTICAL CO., LTD., JP [71] BIOMEDICAL RESEARCH GROUP INC., JP [85] 2001-06-19 [86] 2000-10-18 (PCT/JP00/07216) [87] 2001-04-26 (WO01/29207) [30] JP (11/296817) 1999-10-19</p>

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[21] **2,355,894**  
[13] A1

[51] **Int.Cl. 7A61L 2/08**  
[25] EN  
[54] **GAMMA-IRRADIATION  
STERILIZED POLYETHYLENE  
PACKAGING**  
[54] **EMBALLAGE A BASE DE  
POLYETHYLENE STERILISE PAR  
RAYONNEMENT GAMMA**  
[72] SCHAPAUGH, RANDAL L., US  
[72] MALLORY, CHRISTOPHER S., US  
[72] PYRET, THOMAS W., US  
[72] RE, ROBERT G., US  
[72] BRITTEN, NANCY J., US  
[72] HAHN, DAVID A., US  
[71] PHARMACIA & UPJOHN  
COMPANY, US  
[85] 2001-06-19  
[86] 1999-04-22 (PCT/US99/06549)  
[87] 2000-07-27 (WO00/43049)  
[30] US (60/116,360) 1999-01-19

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[21] **2,355,895**  
[13] A1

[51] **Int.Cl. 7G06F 3/00 7G06F 12/00  
7G06F 13/00 7H04L 9/00 7G06F 12/14  
7G06F 12/16 7G06F 15/16 7G06F 15/173  
7G06F 13/28 7G06F 11/30 7H04L 9/32**  
[25] EN  
[54] **METHOD AND APPARATUS FOR  
CHECKING SECURITY  
VULNERABILITY OF NETWORKED  
DEVICES**  
[54] **PROCEDE ET APPAREIL DE  
CONTROLE DE LA VULNERABILITE  
DU SYSTEME DE SECURITE DE  
DISPOSITIFS EN RESEAU**  
[72] FUDGE, BOB, US  
[71] MCI WORLDCOM, INC., US  
[85] 2001-06-19  
[86] 1999-12-17 (PCT/US99/30211)  
[87] 2000-07-13 (WO00/41059)  
[30] US (09/224,132) 1998-12-31

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[21] **2,355,929**  
[13] A1

[51] **Int.Cl. 7A61H 13/00**  
[25] EN  
[54] **ORAL IRRIGATOR HOUSING  
BOITIER D'IRRIGATEUR  
BUCCAL**  
[72] BACHMAN, TIMOTHY A., US  
[72] CLARE, TANA, US  
[72] SERBINSKI, ANDREW, US  
[71] WATER PIK, INC., US  
[85] 2001-06-15  
[86] 1999-12-16 (PCT/US99/30061)  
[87] 2000-06-22 (WO00/35403)  
[30] US (09/217,973) 1998-12-18

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[21] **2,355,930**  
[13] A1

[51] **Int.Cl. 7H03K 3/03**  
[25] EN  
[54] **ELECTRONIC CIRCUITRY  
CIRCUIT ELECTRONIQUE**  
[72] WOOD, JOHN, GB  
[71] MULTIGIG LIMITED, GB  
[85] 2001-06-15  
[86] 2000-01-24 (PCT/GB00/00175)  
[87] 2000-07-27 (WO00/44093)  
[30] GB (9901359.1) 1999-01-22  
[30] GB (9901618.0) 1999-01-25  
[30] GB (9902001.8) 1999-01-30

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[21] **2,355,931**  
[13] A1

[51] **Int.Cl. 7G06F 17/24 7G06F 17/30**  
[25] EN  
[54] **A SYSTEM AND METHOD FOR  
AUTHORING, DISTRIBUTING AND  
REPLAYING DERIVATIVE  
HYPERMEDIA CONTENT**  
[54] **SYSTEME ET METHODE DE  
CREATION, DE DISTRIBUTION ET DE  
RESTITUTION DE CONTENU  
HYPERMEDIA DERIVE**  
[72] PIZANO, ARTURO, US  
[72] WYNBLATT, MICHAEL, US  
[72] SASTRY, CHELLURY R., US  
[72] AGRAWALA, VIVEK, US  
[72] BENSON, DANIEL C., US  
[72] HSU, ARDING, US  
[71] SIEMENS CORPORATE RESEARCH,  
INC., US  
[85] 2001-06-15  
[86] 1999-12-17 (PCT/US99/30399)  
[87] 2000-06-22 (WO00/36528)  
[30] US (09/215,713) 1998-12-18

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[21] **2,355,932**  
[13] A1

[51] **Int.Cl. 7A61K 31/165 7A61K 9/00  
7A61K 9/12 7A61K 31/58**  
[25] EN  
[54] **PHARMACEUTICAL AEROSOL  
FORMULATIONS CONTAINING  
FLUOROALKANES, BUDESONIDE  
AND FORMOTEROL**  
[54] **FORMULATIONS  
PHARMACEUTIQUES D'AEROSOLS  
CONTENANT DES FLUOROALCANES,  
DU BUDESONIDE ET DU  
FORMOTEROL**  
[72] BLONDINO, FRANK E., US  
[72] BUENAFE, MARIA W., US  
[72] BRUCATO, MICHAEL, US  
[72] CAVANAUGH, KELLY A., US  
[71] BAKER NORTON  
PHARMACEUTICALS, INC., US  
[85] 2001-06-15  
[86] 1999-12-17 (PCT/US99/30163)  
[87] 2000-06-22 (WO00/35441)  
[30] US (09/215,280) 1998-12-18

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[21] **2,355,933**  
[13] A1

[51] **Int.Cl. 7A61F 13/15**  
[25] EN  
[54] **TRIDIMENSIONAL DISPOSABLE  
ABSORBENT ARTICLE WITH AN  
ABSORBENT CORE HAVING  
IMPROVED FLUID HANDLING  
PROPERTIES**  
[54] **ARTICLE ABSORBANT JETABLE  
TRIDIMENSIONNEL AYANT UNE AME  
ABSORBANTE POSSEDANT DES  
CARACTERISTIQUES  
PERFECTIONNEES DE RETENTION  
DES FLUIDES**  
[72] SIERRI, GIANCARLO, IT  
[72] WIERLACHER, STEFAN ALOIS, IT  
[71] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 2001-06-15  
[86] 1999-12-21 (PCT/US99/30563)  
[87] 2000-07-13 (WO00/40190)  
[30] EP (98124825.5) 1998-12-30

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[21] **2,355,934**  
[13] A1  
[51] **Int.Cl. 7C12N 9/00 7C07K 1/04  
7C12N 15/10 7C12N 9/14 7G01N 33/50  
7C12N 15/62**  
[25] EN  
[54] **INTEIN-MEDIATED  
CYCLIZATION OF PEPTIDES**  
[54] **CYCLISATION DE PEPTIDES A  
MEDIATION INTEINE**  
[72] ABEL-SANTOS, ERNESTO V., US  
[72] SCOTT, CHARLES P., US  
[72] BENKOVIC, STEPHEN J., US  
[71] THE PENN STATE RESEARCH  
FOUNDATION, US  
[85] 2001-06-15  
[86] 1999-12-18 (PCT/US99/30162)  
[87] 2000-06-22 (WO00/36093)  
[30] US (60/112,723) 1998-12-18  
[30] US (60/158,077) 1999-10-07

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[21] **2,355,935**  
[13] A1  
[51] **Int.Cl. 7C09D 5/44 7C07C 273/18  
7C07C 275/60 7C08G 18/78**  
[25] EN  
[54] **PROCESS FOR SYNTHESIS OF  
ALLOPHANATE COMPOUNDS AND  
COMPOSITIONS INCLUDING THE  
PRODUCT THEREOF**  
[54] **PROCEDE DE SYNTHESE DE  
COMPOSES D'ALLOPHANATE ET  
COMPOSITIONS COMPRENANT LE  
PRODUIT DE CELUI-CI**  
[72] TAZZIA, CHARLES, US  
[71] BASF CORPORATION, US  
[85] 2001-06-15  
[86] 1999-11-29 (PCT/US99/27910)  
[87] 2000-06-29 (WO00/37570)  
[30] US (09/217,918) 1998-12-21

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[21] **2,355,947**  
[13] A1  
[51] **Int.Cl. 7C12N 9/54 7C11D 3/386**  
[25] EN  
[54] **SUBTILASE ENZYMES OF THE I-  
S1 AND I-S2 SUB-GROUPS HAVING AN  
ADDITIONAL AMINO ACID RESIDUE  
IN AN ACTIVE SITE LOOP REGION**  
[54] **ENZYMES SUBTILASES DES SOUS  
GROUPE I-S1 ET I-S2 POSSEDANT UN  
RESIDU ACIDE AMINE  
SUPPLEMENTAIRE DANS UNE  
REGION EN BOUCLE DE SITE ACTIF**  
[72] HANSEN KAMP, PETER, DK  
[72] ANDERSEN, CARSTEN, DK  
[72] NORREGAARD-MADSEN, MADSD,  
DK  
[72] MIKKELSEN, FRANK, DK  
[72] ANDERSEN VILBOUR, KIM, DK  
[71] NOVOZYMES A/S, DK  
[85] 2001-06-18  
[86] 1999-12-20 (PCT/DK99/00712)  
[87] 2000-06-29 (WO00/37622)  
[30] DK (PA 1998 01676) 1998-12-18

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[21] **2,355,961**  
[13] A1  
[51] **Int.Cl. 7C09J 5/02 7C09J 5/10 7B29C  
65/50**  
[25] EN  
[54] **SYSTEM AND METHOD FOR  
WELDING A SEAM BETWEEN  
THERMOPLASTIC LINER SHEETS**  
[54] **SYSTEME ET PROCEDE DE  
FORMATION PAR SOUDAGE D'UNE  
JOINTURE ENTRE DES FEUILLES DE  
GARNISSAGE THERMOPLASTIQUE**  
[72] BERTRAM, RICHARD L., US  
[71] BERTRAM, RICHARD L., US  
[85] 2001-06-15  
[86] 1999-11-05 (PCT/US99/26297)  
[87] 2000-06-22 (WO00/36038)  
[30] US (09/213,671) 1998-12-17

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[21] **2,355,964**  
[13] A1  
[51] **Int.Cl. 7A47C 27/08**  
[25] EN  
[54] **MATTRESS ASSEMBLY**  
[54] **ENSEMBLE MATELAS**  
[72] SOLTANI, SOHRAB, US  
[72] ROMANO, JAMES J., US  
[72] PEREZ, TIMOTHY W., US  
[71] HILL-ROM, INC., US  
[85] 2001-06-27  
[86] 2000-01-07 (PCT/US00/00342)  
[87] 2000-07-13 (WO00/40124)  
[30] US (60/115,116) 1999-01-08

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[21] **2,355,969**  
[13] A1  
[51] **Int.Cl. 7C12N 9/54 7C11D 3/386**  
[25] EN  
[54] **SUBTILASE ENZYMES OF THE I-  
S1 AND I-S2 SUB-GROUPS HAVING AN  
ADDITIONAL AMINO ACID RESIDUE  
IN AN ACTIVE SITE LOOP REGION**  
[54] **ENZYMES SUBSTILASES DES  
SOUS-GROUPE I-S1 ET I-S2 AYANT  
UN RESIDU D'ACIDE AMINE  
ADDITIONNEL DANS UNE REGION  
BOUCLE DE SITE ACTIF**  
[72] ANDERSEN, CARSTEN, DK  
[72] NORREGAARD-MADSEN, MADSD,  
DK  
[72] ANDERSEN VILBOUR, KIM, DK  
[72] MIKKELSEN, FRANK, DK  
[72] HANSEN KAMP, PETER, DK  
[71] NOVOZYMES A/S, DK  
[85] 2001-06-18  
[86] 1999-12-20 (PCT/DK99/00716)  
[87] 2000-06-29 (WO00/37625)  
[30] DK (PA 1998 01672) 1998-12-18

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[21] **2,355,976**  
[13] A1  
[51] **Int.Cl. 7A61K 39/395 7C07K 19/00  
7A61P 7/10 7A61K 38/17 7C07K 14/71**  
[25] EN  
[54] **VASCULAR ENDOTHELIAL CELL  
GROWTH FACTOR ANTAGONISTS  
AND USES THEREOF**  
[54] **ANTAGONISTES DU FACTEUR DE  
CROISSANCE ENDOTHELIALE ET  
LEURS UTILISATIONS**  
[72] VAN BRUGGEN, NICHOLAS, US  
[72] FERRARA, NAPOLEONE, US  
[71] GENENTECH, INC., US  
[85] 2001-06-19  
[86] 1999-12-09 (PCT/US99/29475)  
[87] 2000-06-29 (WO00/37502)  
[30] US (09/218,481) 1998-12-22

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[21] **2,356,001**  
[13] A1

[51] **Int.Cl. 7H04N 13/00 7G03B 35/02 7H04N 13/02 7H04N 13/04 7G02B 27/22**  
[25] EN  
[54] **APPARATUS AND METHOD FOR PHOTOGRAPHING THREE-DIMENSIONAL IMAGE, APPARATUS AND METHOD FOR DISPLAYING THREE-DIMENSIONAL IMAGE, AND APPARATUS AND METHOD FOR CONVERTING THREE-DIMENSIONAL IMAGE DISPLAY POSITION**  
[54] **DISPOSITIF ET PROCEDE AFIN DE PHOTOGRAPHER UNE IMAGE TRIDIMENSIONNELLE, DISPOSITIF ET PROCEDE D’AFFICHAGE D’UNE IMAGE TRIDIMENSIONNELLE, ET DISPOSITIF ET PROCEDE PERMETTANT DE CHANGER LA POSITION D’UNE IMAGE TRIDIMENSIONNELLE**  
[72] KINOSHITA, MASAHARU, JP  
[72] HORIMAI, HIDEYOSHI, JP  
[71] KINOSHITA, MASAHARU, JP  
[71] HORIMAI, HIDEYOSHI, JP  
[85] 2001-06-27  
[86] 1999-12-20 (PCT/JP99/07147)  
[87] 2000-07-13 (WO00/41399)  
[30] JP (11/1419) 1999-01-06  
[30] JP (11/1420) 1999-01-06  
[30] JP (11/1421) 1999-01-06

[21] **2,356,052**  
[13] A1

[51] **Int.Cl. 7H04R 25/02**  
[25] EN  
[54] **DIRECTIONAL ITE HEARING AID USING DUAL-INPUT MICROPHONE**  
[54] **PROTHESE AUDITIVE = DIRECTIONNELLE UTILISANT UN MICROPHONE A DOUBLE ENTREE**  
[72] SALTYKOV, OLEG, US  
[71] SIEMENS HEARING INSTRUMENTS, INC., US  
[85] 2001-06-15  
[86] 1999-12-06 (PCT/US99/28831)  
[87] 2000-06-29 (WO00/38477)  
[30] US (09/213,623) 1998-12-18

[21] **2,356,078**  
[13] A1

[51] **Int.Cl. 7B29C 45/27**  
[25] EN  
[54] **THICK FILM HEATER FOR INJECTION MOLD RUNNER NOZZLE**  
[54] **ELEMENT CHAUFFANT A COUCHES EPAISSES POUR BUSE DE CANAL DE MOULAGE PAR INJECTION**  
[72] STEINHAUSER, LOUIS P., US  
[72] JULIANO, ROLANDO O., US  
[72] LANHAM, CHRISTOPHER C., US  
[71] WATLOW ELECTRIC MANUFACTURING COMPANY, US  
[85] 2001-04-19  
[86] 1999-10-20 (PCT/US99/24590)  
[87] 2000-04-27 (WO00/23245)  
[30] US (09/175,302) 1998-10-20

[21] **2,356,080**  
[13] A1

[51] **Int.Cl. 6A61K 9/127**  
[25] EN  
[54] **IMPROVED FORMULATION FOR TOPICAL NON-INVASIVE APPLICATION IN VIVO**  
[54] **FORMULATION AMELIOREE POUR L’APPLICATION TOPIQUE NON INVASIVE IN VIVO**  
[72] CEVC, GREGOR, DE  
[71] IDEA AG, DE  
[85] 2001-05-15  
[86] 1998-12-23 (PCT/EP98/08421)  
[87] 2000-07-06 (WO00/38653)

[21] **2,356,081**  
[13] A1

[51] **Int.Cl. 7E21B 43/26 7C09K 7/08**  
[25] EN  
[54] **FOAMED NITROGEN IN LIQUID CO2 FOR FRACTURING**  
[54] **MOUSSE D’AZOTE DANS DU CO2 LIQUIDE EN VUE D’UNE FRACTURATION**  
[72] PIERCE, RONALD G., CA  
[72] GUPTA, D. V. SATYANARAYANA, CA  
[72] ELSBERND, CHERYL L. SENGHER, US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[71] BJ SERVICES COMPANY CANADA, CA  
[85] 2001-05-17  
[86] 1999-12-10 (PCT/CA99/01180)  
[87] 2000-06-22 (WO00/36272)  
[30] CA (2,255,413) 1998-12-11

[21] **2,356,083**  
[13] A1

[51] **Int.Cl. 7C10M 133/02 7C10M 161/00 7C10M 133/12 7C10M 149/12 7C10M 133/40**  
[25] EN  
[54] **LUBRICANT COMPOSITIONS COMPRISING MULTIPLE ANTIOXYDANTS**  
[54] **COMPOSITIONS LUBRIFIANTES COMPRENANT DE MULTIPLES ANTIOXYDANTS**  
[72] MIGDAL, CYRIL A., US  
[72] ABBOTT, RONALD D., US  
[71] UNIROYAL CHEMICAL COMPANY, INC., US  
[85] 2001-06-01  
[86] 1999-11-19 (PCT/US99/27391)  
[87] 2000-06-08 (WO00/32724)  
[30] US (09/203,894) 1998-12-02

[21] **2,356,085**  
[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **SYSTEM FOR DISTRIBUTION AND REDEMPTION OF LOYALTY POINTS AND COUPONS**  
[54] **SYSTEME DE DISTRIBUTION ET DE REMBOURSEMENT DE POINTS ET COUPONS DE FIDELITE**  
[72] KLAYH, JOHN, CA  
[71] KLAYH, JOHN, CA  
[85] 2001-06-08  
[86] 1999-12-16 (PCT/CA99/01198)  
[87] 2000-06-29 (WO00/38088)  
[30] US (09/218,019) 1998-12-22

[21] **2,356,087**  
[13] A1

[51] **Int.Cl. 7A01N 43/04 7C08B 37/08**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR TREATMENT OF CELL PROLIFERATIVE DISORDERS**  
[54] **TECHNIQUES ET COMPOSITIONS PERMETTANT DE TRAITER LES TROUBLES ASSOCIES AUX CELLULES PROLIFERATIVES**  
[72] VOURNAKIS, JOHN N., US  
[72] PARISER, ERNEST R., US  
[72] FINKIELSZTEIN, SERGIO, US  
[71] MARINE POLYMERS TECHNOLOGIES, INC., US  
[85] 2001-06-11  
[86] 1999-12-21 (PCT/US99/30575)  
[87] 2000-06-29 (WO00/36918)  
[30] US (09/218,288) 1998-12-22



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[21] **2,356,088**  
[13] A1

[51] **Int.Cl. 7A23L 3/3463 7A23B 7/155 7A23B 4/22 7A23B 9/28 7A23L 3/3571 7A23L 3/358**  
[25] EN  
[54] **BROAD-RANGE ANTIBACTERIAL COMPOSITION**  
[54] **COMPOSITION ANTIBACTERIENNE A LARGE SPECTRE**  
[72] KING, WILLIAM, US  
[72] BENDER, FREDRIC G., US  
[72] MING, XINTIAN, US  
[72] WEBER, GEORGE, US  
[71] RHODIA INC., US  
[85] 2001-06-14  
[86] 1999-12-14 (PCT/US99/29660)  
[87] 2000-06-22 (WO00/35305)  
[30] US (60/112,393) 1998-12-15

[21] **2,356,090**  
[13] A1

[51] **Int.Cl. 7B23B 27/16 7B23C 5/24**  
[25] EN  
[54] **MACHINING TOOL FOR HIGH-SPEED MACHINING**  
[54] **OUTIL A ENLEVEMENT DE COPEAUX POUR USINAGE A VITESSE ELEVEE**  
[72] HOLLFELDER, HANS-PETER, DE  
[71] HOLLFELDER, HANS-PETER, DE  
[85] 2001-06-14  
[86] 2000-09-23 (PCT/EP00/09314)  
[87] 2001-04-26 (WO01/28718)  
[30] DE (199 49 743.5) 1999-10-15

[21] **2,356,092**  
[13] A1

[51] **Int.Cl. 7F24B 5/02**  
[25] EN  
[54] **BRICKLESS STOVE**  
[54] **FOURNEAU DEPOURVU DE BRIQUES REFRACTAIRES**  
[72] PERRAULT, CHARLES, CA  
[71] PERRAULT, CHARLES, CA  
[85] 2001-06-14  
[86] 2000-10-24 (PCT/CA00/01234)  
[87] 2001-05-03 (WO01/31258)  
[30] CA (2,287,678) 1999-10-27

[21] **2,356,093**  
[13] A1

[51] **Int.Cl. 7C08F 220/12 7A61B 19/04 7C08J 7/04**  
[25] EN  
[54] **ACRYLATE, SILICONE, STYRENE, URETHANE COPOLYMER COATINGS FOR NATURAL AND SYNTHETIC RUBBER ARTICLES**  
[54] **REVETEMENTS COPOLYMERES EN ACRYLATE, SILICONE, STYRENE OU URETHANE DESTINES AUX ARTICLES EN FIBRES NATURELLES OU SYNTHETIQUES**  
[72] LEE, IVAN S., US  
[71] AVERY DENNISON CORPORATION, US  
[85] 2001-06-15  
[86] 1999-12-16 (PCT/US99/30272)  
[87] 2000-06-22 (WO00/35978)  
[30] US (09/215,578) 1998-12-17

[21] **2,356,112**  
[13] A1

[51] **Int.Cl. 7A23L 1/317 7A22C 11/00 7A23L 1/025**  
[25] EN  
[54] **PROCESS FOR SOLIDIFYING THE SURFACE OF RAW SAUSAGE EMULSION BY ULTRASONIC TREATMENT**  
[54] **PROCEDE POUR SOLIDIFIER LA SURFACE D'UNE MASSE DE CHAIR A SAUCISSE BRUTE PAR TRAITEMENT PAR ULTRASONS**  
[72] KORTSCHACK, FRITZ, DE  
[72] HEINZ, VOLKER, DE  
[71] KORTSCHACK, FRITZ, DE  
[85] 2001-04-18  
[86] 1999-10-14 (PCT/EP99/07750)  
[87] 2000-04-27 (WO00/22943)  
[30] DE (198 49 357.6) 1998-10-19

[21] **2,356,129**  
[13] A1

[51] **Int.Cl. 7A61B 10/00**  
[25] EN  
[54] **SEMI-AUTOMATIC BIOPSY DEVICE AND RELATED METHOD OF USE**  
[54] **DISPOSITIF DE BIOPSIE SEMI-AUTOMATIQUE ET PROCEDE D'UTILISATION ASSOCIE**  
[72] NISHTALA, SRINIVAS, US  
[71] BOSTON SCIENTIFIC LIMITED, BB  
[85] 2001-06-15  
[86] 1999-12-20 (PCT/IB99/02024)  
[87] 2000-07-06 (WO00/38577)  
[30] US (09/219,344) 1998-12-23

[21] **2,356,133**  
[13] A1

[51] **Int.Cl. 7F24F 7/02**  
[25] EN  
[54] **RIDGE CAP VENT**  
[54] **EVENT A CHAPEAU DE FAITAGE**  
[72] MORRIS, RICHARD J., US  
[71] DIVERSI-PLAST PRODUCTS, INC., US  
[85] 2001-06-15  
[86] 1999-12-16 (PCT/US99/30074)  
[87] 2000-06-29 (WO00/37750)  
[30] US (60/112,620) 1998-12-17

[21] **2,356,134**  
[13] A1

[51] **Int.Cl. 7C07D 263/48 7A61P 25/16 7A61P 25/18 7A61P 25/24 7A61P 25/28 7A61K 31/42**  
[25] EN  
[54] **SULPHONYLOXAZOLAMINES AS THERAPEUTIC ACTIVE INGREDIENTS**  
[54] **SULFONYLOXAZOLAMINES EN TANT QUE PRINCIPES ACTIFS THERAPEUTIQUES**  
[72] BARTOSZYK, GERD, DE  
[72] GREINER, HARTMUT, DE  
[72] BARNICKEL, GERHARD, DE  
[72] CEZANNE, BERTRAM, DE  
[72] BOTTCHE, HENNING, DE  
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE  
[85] 2001-06-15  
[86] 1999-12-01 (PCT/EP99/09335)  
[87] 2000-06-29 (WO00/37452)  
[30] DE (198 58 593.4) 1998-12-18

[21] **2,356,136**  
[13] A1

[51] **Int.Cl. 7A61B 17/32 7F16C 1/06**  
[25] EN  
[54] **MULTIFILAR FLEXIBLE ROTARY SHAFT**  
[54] **TIGE ROTATIVE MULTIFILAIRE SOUPLE**  
[72] BALES, THOMAS O., US  
[72] KORTENBACH, JUERGEN A., US  
[71] BOSTON SCIENTIFIC LIMITED, BB  
[85] 2001-06-15  
[86] 2000-10-12 (PCT/US00/28182)  
[87] 2001-04-26 (WO01/28438)  
[30] US (09/418,769) 1999-10-15

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[21] **2,356,137**  
[13] A1

[51] **Int.Cl. 7B07B 1/49 7B23P 15/16**  
[25] EN  
[54] **PAPERMAKER'S SCREEN CYLINDER WITH HELIX SCREEN ELEMENT**  
[54] **CYLINDRE CLASSEUR A ELEMENT TAMIS HELICOIDAL POUR MACHINE A PAPIER**  
[72] CHUPKA, DAVID E., US  
[72] WILLIAMSON, GARY S., US  
[72] WEATHERLY, STEPHEN M., US  
[71] THERMO BLACK CLAWSON INC., US  
[85] 2001-06-15  
[86] 1999-12-16 (PCT/US99/29951)  
[87] 2000-07-06 (WO00/38849)  
[30] US (60/113,456) 1998-12-23

[21] **2,356,138**  
[13] A1

[51] **Int.Cl. 7F27D 1/12 7B22D 11/00 7F28F 1/40**  
[25] EN  
[54] **PYROMETALLURGICAL REACTOR COOLING ELEMENT AND ITS MANUFACTURE**  
[54] **ELEMENT DE REFROIDISSEMENT DE REACTEUR PYROMETALLURGIQUE ET SA FABRICATION**  
[72] KOJO, ILKKA, FI  
[72] HUGG, EERO, FI  
[72] MAKINEN, PERTTI, FI  
[72] KOOTA, RAIMO, FI  
[71] OUTOKUMPU OYJ, FI  
[85] 2001-06-18  
[86] 1999-12-14 (PCT/FI99/01029)  
[87] 2000-06-29 (WO00/37870)  
[30] FI (982771) 1998-12-22

[21] **2,356,141**  
[13] A1

[51] **Int.Cl. 7C07D 249/04 7C07D 401/06 7C07D 403/06 7C07D 413/06 7C07D 417/06 7A01N 43/647 7A01N 43/72 7A01N 43/78**  
[25] EN  
[54] **ACRYLONITRILE COMPOUNDS**  
[54] **COMPOSES ACRYLONITRILES**  
[72] OGURA, TOMOYUKI, JP  
[72] NUMATA, AKIRA, JP  
[72] MIYAKE, TOSHIRO, JP  
[72] MASUZAWA, YOSHIHIDE, JP  
[72] UENO, HIDEKI, JP  
[72] INOUE, YOICHI, JP  
[72] TAKII, SHINJI, JP  
[72] MIMORI, NORIHIKO, JP  
[71] NISSAN CHEMICAL INDUSTRIES, LTD., JP  
[85] 2001-06-18  
[86] 1999-12-24 (PCT/JP99/07260)  
[87] 2000-07-06 (WO00/39106)  
[30] JP (10/369645) 1998-12-25  
[30] JP (11/37272) 1999-02-16  
[30] JP (11/339519) 1999-11-30

[21] **2,356,143**  
[13] A1

[51] **Int.Cl. 7C04B 30/02 7B32B 18/00 7F16L 59/00 7E04B 1/76**  
[25] EN  
[54] **MICROPOROUS HEAT INSULATING BODY**  
[54] **CORPS THERMO-ISOLANT MICROPOREUX**  
[72] OPSOMMER, ANN, BE  
[72] ANTON, OCTAVIAN, BE  
[71] REDCO N.V., BE  
[85] 2001-06-18  
[86] 1999-12-16 (PCT/EP99/10003)  
[87] 2000-06-29 (WO00/37389)  
[30] DE (198 59 084.9) 1998-12-19

[21] **2,356,147**  
[13] A1

[51] **Int.Cl. 7B32B 31/12 7B32B 31/18**  
[25] EN  
[54] **METHOD OF MICRO-FABRICATION**  
[54] **PROCEDE DE MICRO-FABRICATION**  
[72] CULLEN, ROBERT R., US  
[72] SWEENEY, RICHARD J., US  
[71] HORIZON PHOTONICS, INC., US  
[85] 2001-06-19  
[86] 2000-01-12 (PCT/US00/00708)  
[87] 2000-07-20 (WO00/41885)  
[30] US (09/228,659) 1999-01-12

[21] **2,356,153**  
[13] A1

[51] **Int.Cl. 7G05D 11/13**  
[25] EN  
[54] **PERFORMANCE-BASED CONTROL SYSTEM**  
[54] **SYSTEME DE GESTION BASE SUR LE FONCTIONNEMENT**  
[72] BEARDWOOD, EDWARD SAMUEL, CA  
[72] KNUDSEN, JAMES G., US  
[72] HAYS, GEORGE F., US  
[71] ASHLAND INC., US  
[85] 2001-06-20  
[86] 1999-12-27 (PCT/US99/30865)  
[87] 2000-07-06 (WO00/39652)  
[30] US (09/221,601) 1998-12-29

[21] **2,356,154**  
[13] A1

[51] **Int.Cl. 7C07F 17/02 7C07B 31/00 7C07B 53/00**  
[25] EN  
[54] **LIGANDS AND COMPLEXES FOR ENANTIOSELECTIVE HYDROGENATION**  
[54] **LIGANDS ET COMPLEXES D'HYDROGENATION ENANTIOSELECTIVE**  
[72] KNOCHEL, PAUL, DE  
[72] IRELAND, TANJA, DE  
[72] DRAUZ, KARLHEINZ, DE  
[72] KLEMENT, INGO, DE  
[72] GROSSHEIMANN, GABRIELE, DE  
[71] DEGUSSA AG, DE  
[85] 2001-06-19  
[86] 1999-11-12 (PCT/EP99/08736)  
[87] 2000-06-29 (WO00/37478)  
[30] DE (198 58 865.8) 1998-12-19  
[30] DE (199 52 348.7) 1999-10-30

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[21] **2,356,156**  
[13] A1

[51] **Int.Cl. 7A61K 45/06 7A61P 9/00 7A61K 31/785**  
[25] EN  
[54] **COMBINATIONS OF ILEAL BILE ACID TRANSPORT INHIBITORS AND BILE ACID SEQUESTERING AGENTS FOR CARDIOVASCULAR INDICATIONS**  
[54] **COMBINAISONS D'INHIBITEURS DU TRANSPORT ILEAL DES ACIDES BILIAIRES ET D'AGENTS SEQUESTRANT LES ACIDES BILIAIRES UTILISEES DANS LE CADRE DE TROUBLES CARDIO-VASCULAIRES**  
[72] GLENN, KEVIN C., US  
[72] SCHUH, JOSEPH R., US  
[72] KELLER, BRADLEY T., US  
[71] G.D. SEARLE LLC, US  
[85] 2001-06-20  
[86] 1999-12-17 (PCT/US99/27949)  
[87] 2000-07-06 (WO00/38728)  
[30] US (60/113,955) 1998-12-23  
[30] US (60/143,043) 1999-07-07

[21] **2,356,157**  
[13] A1

[51] **Int.Cl. 7A61K 45/06 7A61P 9/00**  
[25] EN  
[54] **COMBINATIONS OF CHOLESTERYL ESTER TRANSFER PROTEIN INHIBITORS AND FIBRIC ACID DERIVATIVES FOR CARDIOVASCULAR INDICATIONS**  
[54] **COMBINAISONS D'INHIBITEURS DE LA PROTEINE DE TRANSFERT DE L'ESTER DE CHOLESTERYLE ET DE DERIVES DE L'ACIDE FIBRIQUE UTILISEES DANS LE CADRE DE TROUBLES CARDIO-VASCULAIRES**  
[72] SIKORSKI, JAMES A., US  
[72] GLENN, KEVIN C., US  
[71] G.D. SEARLE LLC, US  
[85] 2001-06-20  
[86] 1999-12-17 (PCT/US99/27945)  
[87] 2000-07-06 (WO00/38724)  
[30] US (60/113,955) 1998-12-23  
[30] US (60/142,616) 1999-07-07

[21] **2,356,158**  
[13] A1

[51] **Int.Cl. 7A61K 45/06 7A61P 9/00**  
[25] EN  
[54] **COMBINATIONS OF CHOLESTERYL ESTER TRANSFER PROTEIN INHIBITORS AND NICOTINIC ACID DERIVATIVES FOR CARDIOVASCULAR INDICATIONS**  
[54] **COMBINAISONS D'INHIBITEURS DE LA PROTEINE DE TRANSFERT DU CHOLESTERYLE-ESTER ET DE DERIVES DE L'ACIDE NICOTINIQUE UTILISEES DANS LE CADRE DE TROUBLES CARDIO-VASCULAIRES**  
[72] GLENN, KEVIN C., US  
[72] SIKORSKI, JAMES A., US  
[71] G.D. SEARLE LLC, US  
[85] 2001-06-20  
[86] 1999-12-17 (PCT/US99/27942)  
[87] 2000-07-06 (WO00/38721)  
[30] US (60/113,955) 1998-12-23  
[30] US (60/142,684) 1999-07-07

[21] **2,356,159**  
[13] A1

[51] **Int.Cl. 7C01B 21/16 7C07D 209/14**  
[25] EN  
[54] **NOVEL SPLA2 INHIBITORS**  
[54] **NOUVEAUX INHIBITEURS DE SPLA2**  
[72] HARPER, RICHARD WALTZ, US  
[72] LIN, HO-SHEN, US  
[72] KINNICK, MICHAEL DEAN, US  
[72] BACH, NICHOLAS JAMES, US  
[72] MORIN, JOHN MICHAEL JUNIOR, US  
[72] RICHETT, MICHAEL ENRICO, US  
[71] ELI LILLY AND COMPANY, US  
[85] 2001-06-20  
[86] 1999-12-20 (PCT/US99/30405)  
[87] 2000-06-29 (WO00/37358)  
[30] US (60/113,303) 1998-12-22

[21] **2,356,240**  
[13] A1

[51] **Int.Cl. 7A61K 45/06**  
[25] EN  
[54] **COMBINATIONS OF CHOLESTERYL ESTER TRANSFER PROTEIN INHIBITORS AND BILE ACID SEQUESTERING AGENTS FOR CARDIOVASCULAR INDICATIONS**  
[54] **COMBINAISONS D'INHIBITEURS DE LA PROTEINE DE TRANSFERT DE L'ESTER DE CHOLESTERYLE ET D'AGENTS SEQUESTRANTS DE L'ACIDE BILIAIRE, UTILISEES DANS LE CADRE DE TROUBLES CARDIO-VASCULAIRES**  
[72] SIKORSKI, JAMES A., US  
[72] GLENN, KEVIN C., US  
[71] G.D. SEARLE LLC, US  
[85] 2001-06-19  
[86] 1999-12-17 (PCT/US99/27944)  
[87] 2000-07-06 (WO00/38723)  
[30] US (60/113,955) 1998-12-23  
[30] US (60/142,682) 1999-07-07

[21] **2,356,241**  
[13] A1

[51] **Int.Cl. 7C08G 59/18 7C09D 163/00 7C08G 59/06 7C08G 59/50**  
[25] EN  
[54] **SELF-DISPERSIBLE HARDENABLE EPOXIDE RESINS**  
[54] **RESINES EPOXYDES DURCISSABLES A DISPERSION SPONTANEE**  
[72] LEUSCHNER, TAMARA, DE  
[72] HUVER, THOMAS, DE  
[72] SULZBACH, HORST, DE  
[72] FOGLIANISI, VINCENZO, IT  
[71] COGNIS DEUTSCHLAND GMBH, DE  
[85] 2001-06-19  
[86] 1999-12-10 (PCT/EP99/09737)  
[87] 2000-06-29 (WO00/37527)  
[30] DE (198 58 920.4) 1998-12-19

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[21] **2,356,242**  
[13] A1  
[51] **Int.Cl. 7H03L 7/085 7H04L 7/033 7H03L 7/087**  
[25] EN  
[54] **PLL AND GAIN CONTROL FOR CLOCK RECOVERY**  
[54] **BOUCLE A PHASE ASSERVIE ET COMMANDE DE GAIN POUR RECUPERATION DE SIGNAUX D'HORLOGE**  
[72] CHEN, YIQIN, US  
[72] ROBINSON, MOISES E., US  
[72] GRUNG, BERNARD L., US  
[71] XILINX, INC., US  
[85] 2001-06-19  
[86] 1999-12-17 (PCT/US99/30205)  
[87] 2000-06-29 (WO00/38324)  
[30] US (09/218,382) 1998-12-22  
[30] US (09/347,256) 1999-07-02

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[21] **2,356,245**  
[13] A1  
[51] **Int.Cl. 7B29C 45/18 7B01F 5/06**  
[25] EN  
[54] **METHOD AND INJECTION MOLDING MACHINE FOR PRODUCING INJECTION-MOLDED ARTICLES, ESPECIALLY TOOTHBRUSH BODIES OR TOOTHBRUSHES**  
[54] **PROCEDE ET MACHINE DE MOULAGE PAR INJECTION POUR PRODUIRE DES OBJETS MOULES PAR INJECTION, NOTAMMENT DES CORPS DE BROSSES A DENTS OU DES BROSSES A DENTS**  
[72] SENN, ALEXANDER, DE  
[72] GELLERT, JOBST ULRICH, CA  
[72] CHU, SIMON, CA  
[72] ZAHORANSKY, ULRICH, DE  
[71] MOLD-MASTERS LIMITED, CA  
[71] ANTON ZAHORANSKY GMBH & CO., DE  
[85] 2001-06-19  
[86] 1998-12-30 (PCT/EP98/08509)  
[87] 2000-07-13 (WO00/40389)

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[21] **2,356,246**  
[13] A1  
[51] **Int.Cl. 7A61K 31/415 7A61P 43/00 7A61K 31/46**  
[25] EN  
[54] **USE OF 5HT3-RECEPTOR ANTAGONISTS FOR THE TREATMENT OF CHRONIC FATIGUE SYNDROME**  
[54] **UTILISATION D'ANTAGONISTES DE RECEPTEURS DE 5HT3 AUX FINS DE TRAITEMENT DU SYNDROME DE FATIGUE CHRONIQUE**  
[72] WELZEL, DIETER, DE  
[71] NOVARTIS PHARMA GMBH, DE  
[85] 2001-06-20  
[86] 1999-12-22 (PCT/DE99/04071)  
[87] 2000-06-29 (WO00/37073)  
[30] DE (198 59 406.2) 1998-12-22

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[21] **2,356,247**  
[13] A1  
[51] **Int.Cl. 7B65D 33/02**  
[25] EN  
[54] **IMPROVED TIGHTENING MEANS FOR HOSE CLAMPS**  
[54] **ORGANE DE SERRAGE PERFECTIONNE POUR COLLIER DE SERRAGE DE TUYAU**  
[72] CRAIG, PAUL M., JR., US  
[71] HANS OETIKER AG MASCHINEN-UND APPARATEFABRIK, CH  
[85] 2001-06-21  
[86] 2000-04-05 (PCT/US00/06443)  
[87] 2000-10-12 (WO00/59792)  
[30] US (60/128,053) 1999-04-07  
[30] US (09/504,850) 2000-02-16

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[21] **2,356,248**  
[13] A1  
[51] **Int.Cl. 7B43L 11/04 7B26B 3/00 7B26D 5/08**  
[25] EN  
[54] **OVAL CUTTER**  
[54] **PIECE COUPANTE POUR OVALES**  
[72] SUCHANEK, STEVE, US  
[72] CORNELL, ROBERT, US  
[72] CARLSON, CHRISTOPHER, US  
[71] ALTERRA HOLDINGS CORPORATION, US  
[85] 2001-06-21  
[86] 1999-12-14 (PCT/US99/29613)  
[87] 2000-07-06 (WO00/38934)  
[30] US (09/220,309) 1998-12-23

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[21] **2,356,249**  
[13] A1  
[51] **Int.Cl. 7C08L 7/00**  
[25] EN  
[54] **A TPE COMPOSITION THAT EXHIBITS EXCELLENT ADHESION TO TEXTILE FIBERS**  
[54] **COMPOSITION D'ELASTOMERE THERMOPLASTIQUE A FORTE ADHESION SUR FIBRES TEXTILES**  
[72] JOHNSON, JIM, US  
[72] HILL, MARVIN, US  
[71] ADVANCED ELASTOMER SYSTEMS, L.P., US  
[85] 2001-06-21  
[86] 1999-10-22 (PCT/US99/24725)  
[87] 2000-06-29 (WO00/37553)  
[30] US (09/218,002) 1998-12-22

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[21] **2,356,250**  
[13] A1  
[51] **Int.Cl. 7C01B 31/02 7C25B 9/00 7C02F 1/08 7B01D 61/14 7A23L 1/30 7C02F 1/46 7A23L 2/52**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PRODUCING FULLERENE WATER**  
[54] **PROCEDE ET APPAREIL POUR PRODUIRE DE L'EAU A BASE DE FULLERENE**  
[72] TAKASE, HIROAKI, JP  
[72] UEDA, YOSHIO, JP  
[72] HIRATA, YOSHIHIRO, JP  
[71] PHILD CO., LTD., JP  
[85] 2001-06-21  
[86] 2000-07-21 (PCT/JP00/04894)  
[87] 2001-04-26 (WO01/28921)  
[30] JP (11/301149) 1999-10-22

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[21] **2,356,259**  
[13] A1  
[51] **Int.Cl. 7G01C 9/06 7G01C 9/18**  
[25] EN  
[54] **CONTINUOUS MONITORING INCLINATION SENSOR**  
[54] **DETECTEUR D'INCLINAISON A CONTROLE CONTINU**  
[72] JIANG, SHUSHENG, US  
[71] NANOTRON, INC., US  
[85] 2001-06-21  
[86] 2000-09-06 (PCT/US00/40825)  
[87] 2001-05-10 (WO01/33168)  
[30] US (09/432,973) 1999-11-03

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[21] **2,356,260**  
[13] A1

[51] **Int.Cl. 7C03C 27/06**  
[25] EN  
[54] **GLASS PANEL AND PRODUCTION METHOD THEREFOR**  
[54] **PANNEAU DE VERRE ET SON PROCEDE DE PRODUCTION**  
[72] MISONOU, MASAO, JP  
[72] SAKAGUCHI, KOICHI, JP  
[72] DOMI, SHINJIRO, JP  
[71] NIPPON SHEET GLASS CO., LTD., JP  
[85] 2001-06-21  
[86] 2000-10-19 (PCT/JP00/07304)  
[87] 2001-04-26 (WO01/28952)  
[30] JP (11/301394) 1999-10-22  
[30] JP (2000-280291) 2000-09-14

[21] **2,356,262**  
[13] A1

[51] **Int.Cl. 7A61K 31/663**  
[25] EN  
[54] **USE OF BISPHOSPHONATES FOR THE PREVENTION AND TREATMENT OF INFECTIOUS PROCESSES**  
[54] **UTILISATION DE BISPHOSPHONATES POUR LA PROPHYLAXIE ET LE TRAITEMENT DE PROCESSUS INFECTIEUX**  
[72] JOMAA, HASSAN, DE  
[71] JOMAA PHARMAKA GMBH, DE  
[85] 2001-06-21  
[86] 1999-12-23 (PCT/EP99/10350)  
[87] 2000-07-06 (WO00/38660)  
[30] DE (198 59 668.5) 1998-12-23

[21] **2,356,267**  
[13] A1

[51] **Int.Cl. 7C07D 243/14 7C07D 521/00 7A61P 35/00 7A61P 19/02 7C07D 401/06 7C07D 405/06 7C07D 409/06 7A61K 31/5513**  
[25] EN  
[54] **2,3,4,5-TETRAHYDRO-1H- $\gamma$ -1,4BENZODIAZEPINE-3-HYDROXAMIC ACID AS MATRIX METALLOPROTEINASE INHIBITORS**  
[54] **ACIDES 2,3,4,5-TETRAHYDRO-1H- $\gamma$ -1,4BENZODIAZEPINE-3-HYDROXAMIQUES UTILISES COMME INHIBITEURS DES METALLOPROTEINASES MATRICIELLES**  
[72] CHEN, JAMES MING, US  
[72] ALBRIGHT, JAY DONALD, US  
[72] DELOS SANTOS, EFREN GUILLERMO, US  
[72] LEVIN, JEREMY IAN, US  
[71] AMERICAN CYANAMID COMPANY, US  
[85] 2001-06-22  
[86] 2000-01-27 (PCT/US00/01991)  
[87] 2000-08-03 (WO00/44730)  
[30] US (09/239,080) 1999-01-27

[21] **2,356,270**  
[13] A1

[51] **Int.Cl. 6G06F 7/00 6G06F 17/00 6B65G 1/00**  
[25] EN  
[54] **AUTOMATED CENTRIFUGE LOADING DEVICE**  
[54] **DISPOSITIF AUTOMATISE PERMETTANT DE CHARGER UNE CENTRIFUGEUSE**  
[72] HUBERT, RONALD M., US  
[72] MILLER, RODNEY D., US  
[71] QUEST DIAGNOSTICS INVESTMENTS INCORPORATED, US  
[85] 2001-06-21  
[86] 1998-12-22 (PCT/US98/27283)  
[87] 2000-06-29 (WO00/38046)

[21] **2,356,272**  
[13] A1

[51] **Int.Cl. 6C09K 7/02 6C08F 226/02 6C08F 226/06 6C08F 226/10 6C04B 24/26 6C08F 222/38**  
[25] EN  
[54] **CEMENT COMPOSITION AND PROCESS THEREWITH**  
[54] **COMPOSITION CEMENTEUSE ET PROCEDE ASSOCIE**  
[72] STEPHENS, MICHAEL, US  
[72] EFNER, HOWARD F., US  
[71] PHILLIPS PETROLEUM COMPANY, US  
[85] 2001-06-21  
[86] 1999-12-22 (PCT/US99/30738)  
[87] 2000-07-06 (WO00/39244)  
[30] US (09/220,867) 1998-12-23

[21] **2,356,274**  
[13] A1

[51] **Int.Cl. 7C07C 43/17 7G02B 6/00 7C09J 4/00 7C09D 11/02 7C08F 16/12 7C07C 69/63**  
[25] EN  
[54] **POLYMERIZABLE HALOGENATED VINYL ETHERS**  
[54] **VINYL-ETHERS HALOGENES POLYMERISABLES**  
[72] HARIDASAN, NAIR K., US  
[72] NALEWAJEK, DAVID, US  
[72] PROSZOWSKI, MARIOLA J., US  
[72] SITZMANN, EUGENE V., US  
[72] BRADLEY, DAVID E., US  
[72] SWAN, ELLEN L., US  
[72] ANDERSON, RUSSELL F., US  
[71] ALLIEDSIGNAL INC., US  
[85] 2001-06-22  
[86] 1999-11-18 (PCT/US99/27385)  
[87] 2000-06-29 (WO00/37403)  
[30] US (09/218,201) 1998-12-22  
[30] US (09/271,650) 1999-03-18

[21] **2,356,277**  
[13] A1

[51] **Int.Cl. 7G01N 33/02 7G01N 33/543**  
[25] EN  
[54] **METHOD AND APPARATUS FOR SELECTIVE BIOLOGICAL MATERIAL DETECTION**  
[54] **PROCEDE ET APPAREILLAGE DESTINES A LA DETECTION SELECTIVE DE MATERIAUX BIOLOGIQUES**  
[72] BODENHAMER, WILLIAM T., US  
[71] TOXIN ALERT, INC., CA  
[85] 2001-06-21  
[86] 1999-12-09 (PCT/IB99/02123)  
[87] 2000-06-29 (WO00/37934)  
[30] US (09/218,827) 1998-12-22

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[21] **2,356,280**  
[13] A1

[51] **Int.Cl. 7C07D 251/00 7C10L 1/14 7C08G 18/38 7C10M 133/58**  
[25] EN  
[54] **TAHM/PIBMALA DISPERSANTS**  
[54] **DISPERSANTS TAHM/PIBMALA**  
[72] SCOTT, RICHARD MARK, GB  
[72] CRANE, ANTHONY E., GB  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 2001-06-21  
[86] 1999-12-14 (PCT/EP99/10068)  
[87] 2000-06-29 (WO00/37449)  
[30] EP (98310565.1) 1998-12-22

[21] **2,356,282**  
[13] A1

[51] **Int.Cl. 7C10M 159/12 7C10L 1/22**  
[25] EN  
[54] **TRIAZINE DERIVATIVE AS DISPERSANT FOR LUBRICANTS AND FUELS**  
[54] **DISPERSANT POUR LUBRIFIANTS ET CARBURANTS A BASE DE DERIVE DE TRIAZINE**  
[72] SHAW, ROBERT WILLIAM, GB  
[72] SCOTT, RICHARD MARK, GB  
[72] CRANE, ANTHONY E., GB  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 2001-06-21  
[86] 1999-12-16 (PCT/EP99/10182)  
[87] 2000-07-13 (WO00/40678)  
[30] EP (98310564.4) 1998-12-22

[21] **2,356,299**  
[13] A1

[51] **Int.Cl. 7C07C 311/29**  
[25] EN  
[54] **ACETYLENIC .ALPHA.-AMINO ACID-BASED SULFONAMIDE HYDROXAMIC ACID TACE INHIBITORS**  
[54] **INHIBITEURS D'ENZYME DE CONVERSION DU FACTEUR DE NECROSE TUMORALE .ALPHA. (TACE) CONSISTANT EN DES ACIDES HYDROXAMIQUES DE SULFONAMIDE A BASE D'ACIDE .ALPHA.-AMINE ACETYLENIQUE**  
[72] COLE, DEREK CECIL, US  
[72] LEVIN, JEREMY IAN, US  
[72] CHEN, JAMES MING, US  
[71] AMERICAN CYANAMID CORPORATION, US  
[85] 2001-06-22  
[86] 2000-01-27 (PCT/US00/01981)  
[87] 2000-08-03 (WO00/44709)  
[30] US (09/238,255) 1999-01-27

[21] **2,356,300**  
[13] A1

[51] **Int.Cl. 7C07D 209/52 7C07D 401/04 7C07D 403/04 7C07D 401/06 7C07D 405/06 7C07D 409/06 7C07D 417/06 7C07D 401/10 7C07D 403/10 7C07D 409/10 7C07D 401/12 7C07D 413/12 7A61K 31/40**  
[25] EN  
[54] **3-AZABICYCLO-3.1.0| HEXANE DERIVATIVES USEFUL IN THERAPY**  
[54] **DERIVES 3-AZABICYCLO-3.1.0| HEXANE UTILISES COMME LIGANDS DE RECEPTEURS D'OPIACES**  
[72] CROOK, ROBERT, JAMES, GB  
[72] GIBSON, STEPHEN PAUL, GB  
[72] LUNN, GRAHAM, GB  
[72] BANKS, BERNARD JOSEPH, GB  
[72] PETTMAN, ALAN JOHN, GB  
[71] PFIZER INC., US  
[85] 2001-06-22  
[86] 1999-11-19 (PCT/IB99/01852)  
[87] 2000-07-06 (WO00/39089)  
[30] GB (9828485.4) 1998-12-23  
[30] GB (9912425.7) 1999-05-27

[21] **2,356,302**  
[13] A1

[51] **Int.Cl. 7A61K 41/00 7A61P 35/00 7A61K 45/06**  
[25] EN  
[54] **METHOD OF USING A CYCLOOXYGENASE-2 INHIBITOR AND AN INTEGRIN ANTAGONIST AS A COMBINATION THERAPY IN THE TREATMENT OF NEOPLASIA**  
[54] **TECHNIQUES PERMETTANT D'UTILISER UN INHIBITEUR DE CYCLOOXYGENASE-2 ET UN ANTAGONISTE DE L'INTEGRINE COMME THERAPIE COMBINEE POUR TRAITER LES MALADIES NEOPLASIQUES**  
[72] CUNNINGHAM, JAMES J., US  
[72] GATELY, STEPHEN T., US  
[72] MASFERRER, JAIME L., US  
[72] KOKI, ALANE T., US  
[72] MCKEARN, JOHN P., US  
[72] GORDON, GARY, US  
[71] G.D. SEARLE & CO., US  
[85] 2001-06-22  
[86] 1999-12-22 (PCT/US99/30692)  
[87] 2000-07-06 (WO00/38786)  
[30] US (60/113,786) 1998-12-23

[21] **2,356,304**  
[13] A1

[51] **Int.Cl. 6G06F 11/22 6G01R 31/317 6G06F 11/34**  
[25] EN  
[54] **COLLECTING MANUFACTURING EQUIPMENT DOWNTIME DATA**  
[54] **COLLECTE DE DONNEES RELATIVES AU TEMPS D'INTERRUPTION DE PRODUCTION**  
[72] HITCHNER, JIM, US  
[71] HITCHNER, JIM, US  
[85] 2001-06-26  
[86] 1999-06-25 (PCT/US99/14371)  
[87] 2001-02-08 (WO01/09723)

[21] **2,356,306**  
[13] A1

[51] **Int.Cl. 7C07F 9/117 7A61K 9/127 7A61P 31/18 7A61K 31/683**  
[25] EN  
[54] **SULFATED PHOSPHATIDYLINOSITOLS, THEIR PREPARATION AND USE**  
[54] **PHOSPHATIDYLINOSITOLS SULFATES, LEUR PREPARATION ET UTILISATION**  
[72] DADEY, ERIC J., US  
[72] MEI, XIAO-HUI, US  
[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US  
[85] 2001-06-26  
[86] 2000-01-12 (PCT/US00/00749)  
[87] 2000-07-20 (WO00/42050)  
[30] US (60/116,166) 1999-01-15

[21] **2,356,309**  
[13] A1

[51] **Int.Cl. 7A61B 8/12**  
[25] EN  
[54] **SAFETY MECHANISM AND METHODS FOR ROTATING IMAGING DEVICE**  
[54] **MECANISME DE SECURITE ET PROCEDES PERMETTANT DE FAIRE TOURNER UN DISPOSITIF D'IMAGERIE**  
[72] MOORE, THOMAS C., US  
[72] WASICEK, LARRY D., US  
[72] JABBA, RONALD J., US  
[71] BOSTON SCIENTIFIC LIMITED, BB  
[85] 2001-06-26  
[86] 2000-01-05 (PCT/IB00/00009)  
[87] 2000-07-20 (WO00/41629)  
[30] US (09/229,277) 1999-01-13

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[21] **2,356,310**  
[13] A1

[51] **Int.Cl. 7A61K 47/32 7A61K 9/06 7A61K 9/08 7A61K 9/12 7A61K 9/70**  
[25] EN  
[54] **EXTERNAL PREPARATION**  
[54] **PREPARATION EXTERNE**  
[72] YOSHINO, YOSHIKO, JP  
[72] SUZUKI, YASUYUKI, JP  
[71] TAISHO PHARMACEUTICAL CO., LTD., JP  
[85] 2001-06-26  
[86] 1999-12-27 (PCT/JP99/07360)  
[87] 2000-07-06 (WO00/38731)  
[30] JP (10/372968) 1998-12-28

[21] **2,356,313**  
[13] A1

[51] **Int.Cl. 7C07D 211/66 7A61P 19/00 7A61P 19/02 7C07D 413/04 7C07D 401/06 7C07D 407/06 7C07D 409/06 7C07D 309/08 7C07D 401/12 7A61K 31/35 7A61K 31/445**  
[25] EN  
[54] **ALKYNYL CONTAINING HYDROXAMIC ACID DERIVATIVES, THEIR PREPARATION AND THEIR USE AS MATRIX METALLOPROTEINASE (MMP) INHIBITORS/TNF-ALPHA CONVERTING ENZYME (TACE) INHIBITORS**  
[54] **DERIVES D'ACIDE HYDROXAMIQUE ALKYNyles, LEUR ELABORATION ET LEUR UTILISATION COMME INHIBITEURS DES METALLOPROTEINASES MATRICES OU INHIBITEURS DES TACE (ENZYMES DE CONVERSION DU FACTEUR DE NECROSE TUMORALE ALPHA)**  
[72] DU, MILA TI, US  
[72] VENKATESAN, ARANAPAKAM MUDUMBAI, US  
[72] BAKER, JANNIE LEA, US  
[72] LEVIN, JEREMY IAN, US  
[72] SANDANAYAKA, VINCENT PREMARANA, US  
[72] ZASK, ARIE, US  
[72] CHEN, JAMES MING, US  
[71] AMERICAN CYANAMID COMPANY, US  
[85] 2001-06-26  
[86] 2000-01-27 (PCT/US00/01864)  
[87] 2000-08-03 (WO00/44723)  
[30] US (09/238,038) 1999-01-27

[21] **2,356,316**  
[13] A1

[51] **Int.Cl. 7B01D 63/10**  
[25] EN  
[54] **METHOD FOR SEALING SPIRAL WOUND FILTRATION MODULES**  
[54] **PROCEDE D'ETANCHEIFICATION DE MODULES DE FILTRATION SPIRALES**  
[72] MCDERMOTT, THOMAS, US  
[72] JENS, STEPHEN, US  
[72] ROOS, MARTIN, US  
[72] KOVAR, ROBERT, US  
[71] KOCH MEMBRANE SYSTEMS, INC., US  
[85] 2001-06-26  
[86] 1999-09-22 (PCT/US99/21725)  
[87] 2000-08-17 (WO00/47311)  
[30] US (09/248,422) 1999-02-11

[21] **2,356,317**  
[13] A1

[51] **Int.Cl. 7C12Q 1/66 7C12M 1/00 7C12M 1/26**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MEASURING SAMPLE BY LUMINESCENCE**  
[54] **PROCEDE ET APPAREIL POUR MESURER UN ECHANTILLON PAR LUMINESCENCE**  
[72] IGARASHI, TOSHINORI, JP  
[72] MURAKAMI, SEIJI, JP  
[72] SAKAKIBARA, TATSUYA, JP  
[72] HAKETA, YASUSHI, JP  
[71] KIKKOMAN CORPORATION, JP  
[85] 2001-06-26  
[86] 1999-12-24 (PCT/JP99/07276)  
[87] 2000-07-13 (WO00/40748)  
[30] JP (10/373290) 1998-12-28  
[30] JP (11/362071) 1999-12-21

[21] **2,356,320**  
[13] A1

[51] **Int.Cl. 7C07C 323/62 7C07D 241/04 7A61K 31/10 7C07D 401/12 7C07D 295/18 7C07D 319/18 7C07D 295/20 7C07D 207/26 7A61K 31/33 7C07D 211/60**  
[25] EN  
[54] **CELL ADHESION-INHIBITING ANTIINFLAMMATORY AND IMMUNE-SUPPRESSIVE COMPOUNDS**  
[54] **COMPOSES ANTI-INFLAMMATOIRES ET IMMUNOSUPPRESSEURS INHIBANT L'ADHESION CELLULAIRE**  
[72] WINN, MARTIN, US  
[72] VON GELDERN, TOM, US  
[72] GUNAWARDANA, INDRANI W., US  
[72] STAEGER, MICHAEL A., US  
[72] FREEMAN, JENNIFER C., US  
[72] ZHU, GUI-DONG, US  
[72] LYNCH, JOHN K., US  
[72] JAE, HWAN-SOO, US  
[72] BOYD, STEVEN A., US  
[72] LINK, JAMES, US  
[72] LIU, GANG, US  
[72] PEI, ZHONGHUA, US  
[72] XIN, ZHILI, US  
[71] ABBOTT LABORATORIES, US  
[85] 2001-06-26  
[86] 1999-12-29 (PCT/US99/31162)  
[87] 2000-07-06 (WO00/39081)  
[30] US (09/222,491) 1998-12-29

[21] **2,356,321**  
[13] A1

[51] **Int.Cl. 7G01N 3/08 7G01N 33/34**  
[25] EN  
[54] **METHOD OF DETERMINING MECHANICAL PROPERTIES OF A SHEET MATERIAL**  
[54] **PROCEDE DE DETERMINATION DES PROPRIETES MECANIQUES D'UNE MATIERE DE FEUILLE**  
[72] ANTTILA, JORMA, SE  
[71] STFI, SE  
[85] 2001-06-26  
[86] 2000-01-04 (PCT/SE00/00009)  
[87] 2000-07-13 (WO00/40944)  
[30] SE (9900026-7) 1999-01-08

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<p style="text-align: center;">[21] <b>2,356,326</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01R 43/048 7H01B 17/32</b> [25] EN [54] <b>METHOD AND DEVICE FOR CRIMPING COMPOSITE ELECTRICAL INSULATORS</b> [54] <b>PROCEDE ET DISPOSITIF UTILISES POUR SERTIR DES ISOLANTS ELECTRIQUES COMPOSITES</b> [72] MCGOWAN, BRIAN, IE [72] KAVANAGH, RONAN, IE [71] TYCO ELECTRONICS UK LTD, GB [85] 2001-06-26 [86] 2000-01-26 (PCT/GB00/00218) [87] 2000-08-03 (WO00/45476) [30] GB (9901641.2) 1999-01-26</p>	<p style="text-align: center;">[21] <b>2,356,332</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C09K 7/02 7E21B 21/00</b> [25] EN [54] <b>FLUIDS AND TECHNIQUES FOR HYDROCARBON WELL COMPLETION</b> [54] <b>FLUIDES ET TECHNIQUES DE COMPLETION DE PUITTS D'HYDROCARBURES</b> [72] PARLAR, MEHMET, US [72] CHANG, FRANK F., US [72] VINOD, PALATHINKARA, US [72] TIBBLES, RAYMOND J., US [72] DAVISON, MARK, GB [72] MORRIS, ELIZABETH W. A., GB [72] WIERENGA, ANTJE M., NL [72] FU, DIANKUI, US [71] SCHLUMBERGER TECHNOLOGY CORPORATION, US [85] 2001-06-26 [86] 1999-12-08 (PCT/US99/29011) [87] 2000-07-13 (WO00/40667) [30] US (09/224,440) 1998-12-31</p>	<p style="text-align: center;">[21] <b>2,356,337</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01B 11/06 7G01B 7/06 7G01B 21/08</b> [25] EN [54] <b>WEB CALIPER MEASURING SYSTEM</b> [54] <b>SYSTEME DE MESURE DE L'EPAISSEUR D'UNE BANDE A ETRIER</b> [72] KING, HARRISS T., US [72] HAEFNER, PETER, US [71] HONEYWELL-MEASUREX CORPORATION, US [85] 2001-06-20 [86] 1999-12-09 (PCT/US99/29323) [87] 2000-06-29 (WO00/37885) [30] US (09/218,266) 1998-12-21</p>
<p style="text-align: center;">[21] <b>2,356,330</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04L 12/26 7H04Q 11/04 7H04L 12/24</b> [25] EN [54] <b>SYSTEM FOR TRACING DATA CHANNELS THROUGH A CHANNEL-BASED NETWORK</b> [54] <b>SYSTEME PERMETTANT DE SUIVRE DES DONNEES AU SEIN D'UN RESEAU A BASE DE CANAUX</b> [72] LISTE, MATTHEW, US [72] MOELLER, DOUGLAS, US [71] NORTEL NETWORKS LIMITED, CA [85] 2001-06-26 [86] 2000-04-13 (PCT/US00/09950) [87] 2000-10-19 (WO00/62483) [30] US (09/290,754) 1999-04-13</p>	<p style="text-align: center;">[21] <b>2,356,333</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61M 25/02</b> [25] EN [54] <b>DEVICE FOR MAINTAINING AT LEAST A TUBE</b> [54] <b>DISPOSITIF DE MAINTIEN D'AU MOINS UN DRAIN</b> [72] NAVARRO, FRANCIS, FR [71] NAVARRO, FRANCIS, FR [85] 2001-06-19 [86] 1999-12-22 (PCT/FR99/03258) [87] 2000-06-29 (WO00/37136) [30] FR (98/16247) 1998-12-22</p>	<p style="text-align: center;">[21] <b>2,356,338</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B29C 47/88</b> [25] EN [54] <b>METHODS FOR PRODUCING FILMS HAVING A LAYER CONTAINING A MIXTURE OF FLUOROPOLYMERS AND POLYACRYLATES</b> [54] <b>PROCEDE DE PRODUCTION DE FILMS DOTES D'UNE COUCHE CONTENANT DES MELANGES DE FLUOROPOLYMERES ET DE POLYACRYLATES</b> [72] NUMRICH, UWE, DE [72] SCHAFFER, BERNHARD, DE [71] RUHM GMBH, DE [85] 2001-06-20 [86] 1999-12-03 (PCT/EP99/09489) [87] 2000-06-29 (WO00/37237) [30] DE (198 59 393.7) 1998-12-22</p>
<p style="text-align: center;">[21] <b>2,356,331</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 38/00</b> [25] EN [54] <b>METHODS FOR GLUCAGON SUPPRESSION</b> [54] <b>METHODES DE SUPPRESSION DU GLUCAGON</b> [72] GEDULIN, BRONISLAVA, US [72] YOUNG, ANDREW, US [71] AMYLIN PHARMACEUTICALS, INC., US [85] 2001-06-26 [86] 2000-01-14 (PCT/US00/00942) [87] 2000-07-20 (WO00/41548) [30] US (60/116,380) 1999-01-14 [30] US (60/132,017) 1999-04-30 [30] US (60/175,365) 2000-01-10</p>	<p style="text-align: center;">[21] <b>2,356,336</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A41G 1/00</b> [25] EN [54] <b>INTERIOR ARTIFICIAL PLANT</b> [54] <b>PLANTE ARTIFICIELLE D'INTERIEUR</b> [72] NIKI, TAKEFUMI, JP [71] INTERIOR GREEN INC., JP [85] 2001-06-20 [86] 1999-07-16 (PCT/JP99/03849) [87] 2000-07-06 (WO00/38549) [30] JP (10/376248) 1998-12-24</p>	



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[21] **2,356,339**  
[13] A1

[51] **Int.Cl. 7H04Q 7/38 7H04M 15/00**  
[25] EN  
[54] **DETECTING AND PREVENTING FRAUDULENT USE IN A TELECOMMUNICATIONS NETWORK**  
[54] **DETECTION ET PREVENTION D'UTILISATION FRAUDULEUSE DANS UN RESEAU DE TELECOMMUNICATION**

[72] HURME, JAANA, FI  
[72] EINAMO, KARI, FI  
[72] ROSSI, LEENA, FI  
[72] HAAPALA, SOILI, FI  
[72] MANDELIN, PETTERI, FI  
[72] PALDAN, ESKO, FI  
[72] BLOM, VESA, FI  
[72] LINDGREN, TOMI, FI  
[72] MARTIN, MARKUS, FI  
[72] NUMMINEN, RAILI, FI  
[71] NOKIA NETWORKS OY, FI  
[85] 2001-06-01  
[86] 1999-12-10 (PCT/FI99/01026)  
[87] 2000-07-06 (WO00/40051)  
[30] FI (982795) 1998-12-23

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[21] **2,356,340**  
[13] A1

[51] **Int.Cl. 6G02B 23/00**  
[25] EN  
[54] **TELESCOPE SYSTEM HAVING AN INTELLIGENT MOTOR CONTROLLER**  
[54] **SYSTEME DE TELESCOPE A COMMANDE DE MOTEUR INTELLIGENTE**

[72] BAUN, KENNETH W., US  
[72] TINGEY, BRIAN G., US  
[72] DEWAN, STANLEY H., US  
[71] MEADE INSTRUMENTS CORPORATION, US  
[85] 2001-04-19  
[86] 1999-10-26 (PCT/US99/25093)  
[87] 2000-05-04 (WO00/25167)  
[30] US (60/105,660) 1998-10-26

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[21] **2,356,341**  
[13] A1

[51] **Int.Cl. 6H03M 1/36**  
[25] EN  
[54] **CAPACITIVE FLASH ANALOG TO DIGITAL CONVERTER**  
[54] **CONVERTISSEUR ANALOGIQUE-NUMERIQUE PARALLELE CAPACITIF**

[72] HEITGER, FRIEDRICH, CH  
[72] MASA, PETER, CH  
[72] HEIM, PASCAL, CH  
[72] MORTARA, ALESSANDRO, CH  
[71] CSEM CENTRE SUISSE D'ELECTRONIQUE ET DE MICROTECHNIQUE SA, CH  
[71] BISHOP INNOVATION LIMITED, AU  
[85] 2001-06-19  
[86] 1999-12-01 (PCT/AU99/01063)  
[87] 2000-06-29 (WO00/38326)  
[30] AU (PP 7828) 1998-12-22  
[30] AU (PQ 1097) 1999-06-22

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[21] **2,356,342**  
[13] A1

[51] **Int.Cl. 7F04B 43/04**  
[25] EN  
[54] **PIEZOELECTRIC MICROPUMP**  
[54] **MICROPOMPE PIEZO-ELECTRIQUE**

[72] BOUTON, CHAD E., US  
[72] ZIMLICH, WILLIAM C., JR., US  
[72] PETERS, RICHARD D., US  
[71] BATTELLE MEMORIAL INSTITUTE, US  
[85] 2001-06-20  
[86] 1999-12-21 (PCT/US99/30553)  
[87] 2000-07-06 (WO00/39463)  
[30] US (09/220,310) 1998-12-23

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[21] **2,356,343**  
[13] A1

[51] **Int.Cl. 7G06F 15/00 7G06F 13/00 7G10K 15/02 7G06F 17/60**  
[25] EN  
[54] **METHOD FOR MANAGING CONTENT DATA**  
[54] **PROCEDE DE GESTION DE DONNEES DE CONTENU**

[72] SATO, ICHIRO, JP  
[72] EBIHARA, MUNETAKE, JP  
[72] TANABE, MITSURU, JP  
[72] EZURA, YUICHI, JP  
[72] KAWAKAMI, ITARU, JP  
[72] ISHIGURO, RYUJI, JP  
[71] SONY CORPORATION, JP  
[85] 2001-06-20  
[86] 2000-10-25 (PCT/JP00/07472)  
[87] 2001-05-17 (WO01/35236)  
[30] JP (11/303139) 1999-10-25  
[30] JP (11/303141) 1999-10-25

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[21] **2,356,344**  
[13] A1

[51] **Int.Cl. 7C07D 231/56 7G01N 33/53**  
[25] EN  
[54] **FLUORESCENT DYES FOR SOLID PHASE AND SOLUTION PHASE SCREENING**  
[54] **COLORANTS FLUORESCENTS DESTINES AU CRIBLAGE DE PHASE SOLIDE ET DE PHASE SOLUTION**

[72] GSTACH, HUBERT, AT  
[72] AUER, MANFRED, AT  
[71] NOVARTIS AG, CH  
[85] 2001-06-20  
[86] 1999-12-20 (PCT/EP99/10126)  
[87] 2000-06-29 (WO00/37448)  
[30] US (09/217,795) 1998-12-21

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[21] **2,356,345**  
[13] A1

[51] **Int.Cl. 7C07C 311/29 7A61P 19/02 7A61K 31/18 7C07F 9/53 7A61K 31/664**  
[25] EN  
[54] **ACETYLENIC \$G(B)-SULFONAMIDO AND PHOSPHINIC ACID AMIDE HYDROXAMIC ACID TACE INHIBITORS**  
[54] **INHIBITEURS DES TACE A BASE D'ACIDES HYDROXAMIQUES DES ACIDES PHOSPHINIQUE ET \$G(B)-SULFONAMIDO ACETYLENIQUE**

[72] ZASK, ARIE, US  
[72] CHEN, JAMES MING, US  
[72] LEVIN, JEREMY IAN, US  
[71] AMERICAN CYANAMID COMPANY, US  
[85] 2001-06-26  
[86] 2000-01-27 (PCT/US00/01865)  
[87] 2000-08-03 (WO00/44711)  
[30] US (09/239,083) 1999-01-27

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[13] A1  
[51] **Int.Cl. 7C07C 317/44 7A61P 37/00 7C07D 335/02 7A61P 19/02 7C07D 309/04 7C07C 259/06 7C07D 295/08 7A61K 31/16 7C07D 209/18 7C07D 333/24 7C07D 217/26 7C07D 211/34 7C07D 209/48 7C07D 215/48 7C07F 9/53 7C07D 213/56 7C07C 323/60 7C07D 333/68 7C07D 311/84**  
[25] EN  
[54] **ALKYNYL CONTAINING HYDROXAMIC ACID COMPOUNDS AS TACE INHIBITORS**  
[54] **COMPOSES D'ACIDE HYDROXAMIQUE CONTENANT UN ALCYNYLE COMME INHIBITEURS D'ENZYME TACE**  
[72] COLE, DEREK CECIL, US  
[72] CHEN, JAMES MING, US  
[72] VENKATESAN, ARANAPAKAM MUDUMBAL, US  
[72] LEVIN, JEREMY IAN, US  
[72] DAVIS, JAMIE MARIE, US  
[72] GROSU, GEORGE THEODORE, US  
[71] AMERICAN CYANAMID COMPANY, US  
[85] 2001-06-26  
[86] 2000-01-27 (PCT/US00/02078)  
[87] 2000-08-03 (WO00/44713)  
[30] US (09/239,088) 1999-01-27

[21] **2,356,347**  
[13] A1  
[51] **Int.Cl. 7G11B 5/09 7H04N 5/782 7H04N 5/92**  
[25] EN  
[54] **MAGNETIC RECORDING/REPRODUCING APPARATUS**  
[54] **ENREGISTREUR/LECTEUR MAGNETIQUE**  
[72] SHIMOGOME, HIROYUKI, JP  
[72] TAKAHIRA, RYOICHI, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[85] 2001-06-26  
[86] 2000-10-27 (PCT/JP00/07532)  
[87] 2001-05-10 (WO01/33557)  
[30] JP (11/308440) 1999-10-29

[21] **2,356,348**  
[13] A1  
[51] **Int.Cl. 7B29C 39/10 7B68G 7/06 7A47C 27/14 7B29C 39/24**  
[25] EN  
[54] **FILLED ARTICLE**  
[54] **ARTICLE REMPLI**  
[72] TODA, YASUYUKI, JP  
[72] HARA, TAKAHIRO, JP  
[72] KATAYAMA, MITSUO, JP  
[72] OGAWA, TARO, JP  
[72] SENOO, YASUMASA, JP  
[71] NAMBA PRESS WORKS CO., LTD., JP  
[85] 2001-06-12  
[86] 2000-02-17 (PCT/JP00/00908)  
[87] 2001-04-19 (WO01/26875)  
[30] JP (11/289480) 1999-10-12

[21] **2,356,349**  
[13] A1  
[51] **Int.Cl. 7C07D 471/04 7C07D 401/14 7A61K 31/4439 7A61K 31/444**  
[25] EN  
[54] **NOVEL ANGIOGENESIS INHIBITORS**  
[54] **INHIBITEURS D'ANGIOGENESE**  
[72] FRALEY, MARK E., US  
[72] HUNGATE, RANDALL W., US  
[72] TEBBEN, ANDREW J., US  
[71] MERCK & CO. INC., US  
[85] 2001-06-22  
[86] 2000-01-14 (PCT/US00/01006)  
[87] 2000-07-27 (WO00/43393)  
[30] US (60/116,596) 1999-01-20

[21] **2,356,350**  
[13] A1  
[51] **Int.Cl. 7B22D 41/42**  
[25] EN  
[54] **REFRACTORY ASSEMBLY**  
[54] **ENSEMBLE REFRACTAIRE**  
[72] BOISDEQUIN, VINCENT, BE  
[71] VESUVIUS CRUCIBLE COMPANY, US  
[85] 2001-06-20  
[86] 1999-12-23 (PCT/BE99/00170)  
[87] 2000-07-13 (WO00/40358)  
[30] FR (99/00061) 1999-01-06

[21] **2,356,351**  
[13] A1  
[51] **Int.Cl. 6G06F 15/16 6G06F 15/17**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DYNAMIC COMMAND EXTENSIBILITY IN AN INTELLIGENT AGENT**  
[54] **PROCEDE ET APPAREIL D'EXTENSIBILITE DYNAMIQUE DES INSTRUCTIONS DANS UN AGENT INTELLIGENT**  
[72] PETERSON, BRETT, US  
[72] ABBOTT, AARON, US  
[72] SCHUMACHER, DALE, US  
[71] COMPUTER ASSOCIATES THINK, INC., US  
[85] 2001-06-22  
[86] 1999-12-22 (PCT/US99/30784)  
[87] 2000-07-06 (WO00/39695)  
[30] US (09/220,436) 1998-12-24

[21] **2,356,352**  
[13] A1  
[51] **Int.Cl. 7H04Q 11/04**  
[25] EN  
[54] **SYSTEM AND METHOD FOR CONNECTING A CALL IN A TANDEM ARCHITECTURE**  
[54] **SYSTEME ET PROCEDE POUR CONNECTER UN APPEL DANS UNE ARCHITECTURE EN TANDEM**  
[72] GARDNER, MICHAEL JOSEPH, US  
[71] SPRINT COMMUNICATIONS COMPANY, L.P., US  
[85] 2001-06-22  
[86] 1999-12-17 (PCT/US99/30222)  
[87] 2000-06-29 (WO00/38472)  
[30] US (09/218,817) 1998-12-22

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[21] **2,356,353**  
[13] A1

[51] **Int.Cl. 7F16L 3/00**  
[25] EN  
[54] **COMPUTER DISPLAY SCREEN SYSTEM AND ADJUSTABLE SCREEN MOUNT, AND SWINGING SCREENS THEREFOR**  
[54] **SYSTEME D'ECRAN D'AFFICHAGE D'ORDINATEUR, MONTURE D'ECRAN REGLABLE, ET ECRANS PIVOTANT ASSOCIES**  
[72] ELCHUK, MARK D., US  
[72] MOSCOVITCH, JERRY, CA  
[72] HALL, IAN C., CA  
[72] CHUNG, SON, CA  
[71] ELCHUK, MARK D., US  
[71] MOSCOVITCH, JERRY, CA  
[71] HALL, IAN C., CA  
[71] CHUNG, SON, CA  
[85] 2001-06-22  
[86] 1999-12-21 (PCT/US99/30733)  
[87] 2000-07-06 (WO00/39493)  
[30] US (60/113,742) 1998-12-23

[21] **2,356,354**  
[13] A1

[51] **Int.Cl. 7B01L 11/00**  
[25] EN  
[54] **APPARATUS AND METHODS FOR EFFICIENT PROCESSING OF BIOLOGICAL SAMPLES ON SLIDES**  
[54] **DISPOSITIF ET PROCEDES SERVANT A TRAITER EFFICACEMENT DES SPECIMENS BIOLOGIQUES SUR DES MICROPLAQUETTES**  
[72] CHU, WEI-SING, US  
[71] AMERICAN REGISTRY OF PATHOLOGY, US  
[85] 2001-06-22  
[86] 1999-12-22 (PCT/US99/30519)  
[87] 2000-07-06 (WO00/38838)  
[30] US (09/219,443) 1998-12-23

[21] **2,356,355**  
[13] A1

[51] **Int.Cl. 7B65D 1/02 7C08G 69/46 7C08G 63/88**  
[25] EN  
[54] **IMPROVED ACTIVE OXYGEN SCAVENGER PACKAGING**  
[54] **EMBALLAGE AMELIORE AVEC DESOXYGENANT ACTIF**  
[72] CAHILL, PAUL J., US  
[72] KULZICK, MATTHEW A., US  
[72] JOHNSON, DAVID C., US  
[72] NYDEREK, WALTER M., US  
[72] LYNCH, TSUEI-YUN, US  
[72] BARNES, TAMILA J., US  
[72] BAUER, CHARLES W., US  
[72] ROTTER, GEORGE E., US  
[71] BP CORPORATION NORTH AMERICA, INC., US  
[85] 2001-06-20  
[86] 1999-11-16 (PCT/US99/27117)  
[87] 2000-06-29 (WO00/37321)  
[30] US (09/219,178) 1998-12-22

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

[51] **Int.Cl. 7B60P 3/34**  
[25] EN  
[54] **MECHANISM FOR SYNCHRONIZING AND CONTROLLING MULTIPLE ACTUATORS OF A SLIDE OUT ROOM OF MOBILE LIVING QUARTERS**  
[54] **MECANISME DE SYNCHRONISATION ET DE COMMANDE DES ACTIONNEURS MULTIPLES D'UNE PIECE COULISSANTE D'UNE CARAVANE HABITABLE MOBILE**  
[72] MCMANUS, PATRICK W., US  
[72] MCMANUS, MARTIN P., US  
[72] DEWALD, JAMES E., JR., US  
[71] VT HOLDINGS II, INC., US  
[85] 2001-06-22  
[86] 1999-12-17 (PCT/US99/30289)  
[87] 2000-07-06 (WO00/38948)  
[30] US (09/220,165) 1998-12-23  
[30] US (09/411,019) 1999-10-01

[21] **2,356,357**  
[13] A1

[51] **Int.Cl. 7H04M 3/42 7G06K 17/00 7H04M 11/00 7H04M 3/38 7H04Q 7/38 7G06F 17/60**  
[25] EN  
[54] **METHOD FOR INHIBITING USE OF MOBILE COMMUNICATION TERMINAL HAVING MEMORY WHERE CARD INFORMATION IS STORED, MOBILE COMMUNICATION NETWORK, AND MOBILE COMMUNICATION TERMINAL**  
[54] **PROCEDE DESTINE A LIMITER L'UTILISATION D'UN TERMINAL DE COMMUNICATION MOBILE DOTE D'UNE MEMOIRE OU SONT STOCKEES DES INFORMATIONS DE CARTE, RESEAU DE COMMUNICATION MOBILE ET TERMINAL DE COMMUNICATION MOBILE**  
[72] NATSUNO, TAKESHI, JP  
[71] NTT DOCOMO, INC., JP  
[85] 2001-06-20  
[86] 2000-12-07 (PCT/JP00/08655)  
[87] 2001-06-14 (WO01/43412)  
[30] JP (11/352265) 1999-12-10  
[30] JP (11/352266) 1999-12-10

[21] **2,356,358**  
[13] A1

[51] **Int.Cl. 7E04D 5/10 7E04D 5/06 7B32B 25/08**  
[25] EN  
[54] **HOT BITUMEN COMPATIBLE EPDM ROOFING SHEET**  
[54] **TOLE DE TOITURE EN EPDM EN BITUME CHAUD**  
[72] CLARKE, STEVEN R., US  
[71] CARLISLE MANAGEMENT COMPANY, US  
[85] 2001-06-20  
[86] 1999-07-08 (PCT/US99/15321)  
[87] 2000-07-27 (WO00/43608)  
[30] US (09/238,678) 1999-01-26

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[21] **2,356,359**  
[13] A1

[51] **Int.Cl. 7C07C 231/12 7C07C 209/62**  
[25] EN  
[54] **PRODUCTION OF ACRYLIC MONOMERS**  
[54] **PRODUCTION DE MONOMERES ACRYLIQUES**  
[72] SINGH, MICHAEL, GB  
[72] LITTLEWOOD, PETER STUART, GB  
[71] CIBA SPECIALTY CHEMICALS WATER TREATMENTS LIMITED, GB  
[85] 2001-06-20  
[86] 2000-01-12 (PCT/EP00/00162)  
[87] 2000-07-20 (WO00/41996)  
[30] GB (9900875.7) 1999-01-16

[21] **2,356,360**  
[13] A1

[51] **Int.Cl. 7C07D 417/06 7C07D 493/04 7C12P 17/08 7A61K 31/425 7A01N 43/78**  
[25] EN  
[54] **MICROBIAL TRANSFORMATION METHOD FOR THE PREPARATION OF AN EPOTHILONE**  
[54] **PROCEDE DE TRANSFORMATION MICROBIENNE SERVANT A PREPARER UN EPOTHILONE**  
[72] MCCLURE, GRACE A., US  
[72] MATSON, JAMES A., US  
[72] LI, WENYING, US  
[72] HUANG, XIAOHUA, US  
[72] LAM, KIN SING, US  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
[85] 2001-06-22  
[86] 1999-12-21 (PCT/US99/27954)  
[87] 2000-07-06 (WO00/39276)  
[30] US (60/113,437) 1998-12-23

[21] **2,356,361**  
[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **ELECTRONIC COMMERCE CONTRACT MEDIATION METHOD AND MOBILE COMMUNICATION NETWORK**  
[54] **PROCEDE DE MEDIATION DE COMMERCE ELECTRONIQUE ET RESEAU DE COMMUNICATION MOBILE**  
[72] NATSUNO, TAKESHI, JP  
[71] NTT DOCOMO, INC., JP  
[85] 2001-06-20  
[86] 2000-12-07 (PCT/JP00/08652)  
[87] 2001-06-14 (WO01/43004)  
[30] JP (11/352265) 1999-12-10

[21] **2,356,362**  
[13] A1

[51] **Int.Cl. 7B01D 46/26 7F24F 6/06**  
[25] EN  
[54] **METHOD FOR CLEANING AIR AND APPARATUS THEREFOR, AND METHOD FOR HUMIDIFYING AIR AND APPARATUS THEREFOR**  
[54] **PROCEDE ET DISPOSITIF D'EPURATION DE L'AIR, PROCEDE ET DISPOSITIF D'HUMIDIFICATION**  
[72] IKE, HIDETOSHI, JP  
[72] ISHIKAWA, YASUSHI, JP  
[72] KAKUTA, KAZUNARI, JP  
[72] WATANABE, SHIGEMI, JP  
[71] KANKYO CO., LTD., JP  
[85] 2001-06-27  
[86] 2000-10-30 (PCT/JP00/07615)  
[87] 2001-05-03 (WO01/30482)  
[30] JP (11/306887) 1999-10-28

[21] **2,356,363**  
[13] A1

[51] **Int.Cl. 7E06B 9/174**  
[25] EN  
[54] **SUPPORTING MEANS FOR A SCREENING DEVICE**  
[54] **MOYEN DE SUPPORT POUR DISPOSITIF DE FERMETURE**  
[72] LASSEN, GERT GODVIG, DK  
[72] GRINVALDS, CARSTEN BRONNUM, DK  
[71] VKR HOLDING A/S, DK  
[85] 2001-06-22  
[86] 2000-02-11 (PCT/DK00/00057)  
[87] 2000-08-17 (WO00/47858)  
[30] DK (PCT/DK99/00110) 1999-02-12

[21] **2,356,364**  
[13] A1

[51] **Int.Cl. 7G01N 27/327 7C12Q 1/00 7G01N 33/92**  
[25] EN  
[54] **CHOLESTEROL SENSOR AND METHOD FOR DETERMINING CHOLESTEROL**  
[54] **DETECTEUR DE CHOLESTEROL ET METHODE PERMETTANT DE DETERMINER UN CHOLESTEROL**  
[72] WATANABE, MOTOKAZU, JP  
[72] YUGAWA, KEIKO, JP  
[72] NANKAI, SHIRO, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[85] 2001-06-22  
[86] 2000-11-16 (PCT/JP00/08100)  
[87] 2001-05-31 (WO01/38862)  
[30] JP (11/331219) 1999-11-22

[21] **2,356,365**  
[13] A1

[51] **Int.Cl. 7A61M 1/16**  
[25] EN  
[54] **AN APPARATUS FOR PREPARING A FLUID FOR A MEDICAL PROCEDURE**  
[54] **APPAREIL DE PREPARATION D'UN FLUIDE POUR UN PROCEDE MEDICAL**  
[72] DEGUCHI, TSUNEO, JP  
[72] MORIYAMA, NAOHIKO, JP  
[72] YANO, TETSUYA, JP  
[72] IMAI, KEN, JP  
[71] TEIJIN LIMITED, JP  
[71] AKSYS LTD., US  
[85] 2001-06-20  
[86] 1999-12-21 (PCT/JP99/07165)  
[87] 2000-06-29 (WO00/37127)  
[30] JP (10/362828) 1998-12-21

[21] **2,356,368**  
[13] A1

[51] **Int.Cl. 7A61F 2/02 7A61F 13/02 7A61F 2/14 7A61K 9/14**  
[25] EN  
[54] **COMPOSITION AND FORMULATIONS AND THEIR USE AS NOCICEPTIC, ANTI-ANXIOLYTIC AND ANABOLIC AGENTS**  
[54] **COMPOSITION ET FORMULATIONS ET LEUR UTILISATION COMME NOCICEPTIFS, ANTI-ANXIOLYTIQUES ET ANABOLISANTS**  
[72] NYCE, JONATHAN W., US  
[71] EST CAROLINA UNIVERSITY, US  
[85] 2001-06-22  
[86] 2000-01-05 (PCT/US00/00180)  
[87] 2000-07-13 (WO00/40172)  
[30] US (60/114,773) 1999-01-05

[21] **2,356,369**  
[13] A1

[51] **Int.Cl. 7F25B 47/00**  
[25] EN  
[54] **FREEZE POINT PROTECTION FOR WATER COOLED CHILLERS**  
[54] **PROTECTION CONTRE LE POINT DE GEL POUR REFROIDISSEURS A EAU**  
[72] BEAVERSON, GREGORY K., US  
[72] MCQUADE, WILLIAM, US  
[71] YORK INTERNATIONAL CORPORATION, US  
[85] 2001-06-20  
[86] 2000-01-13 (PCT/US00/00758)  
[87] 2000-07-20 (WO00/42365)  
[30] US (09/232,557) 1999-01-15

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[21] **2,356,371**  
[13] A1

[51] **Int.Cl. 7H04M 1/00 7H04M 11/00 7H04M 1/02 7H04Q 7/38 7G06F 17/60**  
[25] EN  
[54] **MOBILE COMMUNICATION TERMINAL AND CARD INFORMATION READER**  
[54] **TERMINAL DE COMMUNICATION MOBILE ET LECTEUR D'INFORMATIONS DE CARTE**  
[72] NATSUNO, TAKESHI, JP  
[71] NTT DOCOMO, INC., JP  
[85] 2001-06-20  
[86] 2000-12-07 (PCT/JP00/08654)  
[87] 2001-06-14 (WO01/43404)  
[30] JP (11/352265) 1999-12-10  
[30] JP (11/352267) 1999-12-10

[21] **2,356,380**  
[13] A1

[51] **Int.Cl. 7C07D 475/04 7A61P 35/00 7C07D 475/08 7A61K 31/519**  
[25] EN  
[54] **IMMUNOSUPPRESSIVE EFFECTS OF PTERIDINE DERIVATIVES**  
[54] **EFFETS IMMUNOSUPPRESSEURS DE DERIVES DE LA PTERIDINE**  
[72] PFLEIDERER, WOLFGANG EUGEN, DE  
[72] WAER, MARK JOSEPH ALBERT, BE  
[72] HERDEWIJN, PIET ANDRE MAURITS MARIA, BE  
[71] K.U. LEUVEN RESEARCH & DEVELOPMENT, BE  
[85] 2001-06-26  
[86] 1999-12-28 (PCT/EP99/10320)  
[87] 2000-07-06 (WO00/39129)  
[30] US (60/113,989) 1998-12-28

[21] **2,356,382**  
[13] A1

[51] **Int.Cl. 7A61K 38/13 7A61P 27/02 7A61K 31/436**  
[25] EN  
[54] **AGENT FOR TREATING VISUAL CELL FUNCTION DISORDER**  
[54] **AGENT PERMETTANT LE TRAITEMENT D'UN TROUBLE FONCTIONNEL DE CELLULES DE LA VISION**  
[72] UENO, RYUJI, US  
[71] R-TECH UENO, LTD., JP  
[71] FUJISAWA PHARMACEUTICAL CO., LTD., JP  
[85] 2001-06-22  
[86] 1999-12-20 (PCT/JP99/07161)  
[87] 2000-07-06 (WO00/38703)  
[30] US (60/113,939) 1998-12-24

[21] **2,356,385**  
[13] A1

[51] **Int.Cl. 7B01L 11/00 7B01L 3/02**  
[25] EN  
[54] **DIP TUBE VALVE ASSEMBLY**  
[54] **ENSEMBLE TUBE PLONGEUR A VANNE**  
[72] NEWBERG, DOUGLAS A., US  
[71] NL TECHNOLOGIES, LTD., US  
[85] 2001-06-22  
[86] 1999-12-22 (PCT/US99/30466)  
[87] 2000-07-06 (WO00/38837)  
[30] US (60/113,936) 1998-12-24

[21] **2,356,387**  
[13] A1

[51] **Int.Cl. 7G06F 9/445 7G06F 17/30**  
[25] EN  
[54] **PRE-DEFINED HARDWARE AND SOFTWARE BUNDLE READY FOR DATABASE APPLICATIONS**  
[54] **ENSEMBLE MATERIEL LOGICIEL PREDEFINI PRET POUR APPLICATIONS DE TYPE BASE DE DONNEES**  
[72] DOHERTY, C. GREGORY, US  
[72] OU, YUANJIANG, US  
[72] ELLISON, LAWRENCE J., US  
[72] ROSSITER, JAY, US  
[72] RAWAT, HARISH, IN  
[72] KOONEN, JOSEPH THERRATTIL, IN  
[72] GANTI, LALITHA, US  
[72] VENKATARAMAN, RAMKUMAR, US  
[72] MATURI, SRINIVAS, US  
[72] BANERJEE, NILOY, US  
[72] JOHN, E. SO JOHN, US  
[72] KUMARESAN, BALA, US  
[72] CHEN, JANE, US  
[72] MALLA, VENKAT, US  
[72] STOWELL, DAVID, US  
[72] SIVAKUMAR, THIVAKARAM PRAKASH, IN  
[72] OLAGAPPAN, MUTHU, IN  
[72] NAKOS, DIMITRIS, US  
[72] BHADURI, PARI, US  
[72] STHANIKAM, BALASUBRAMANYAM, US  
[71] ORACLE CORPORATION, US  
[85] 2001-06-22  
[86] 2000-01-28 (PCT/US00/01995)  
[87] 2000-08-03 (WO00/45259)  
[30] US (09/240,229) 1999-01-29

[21] **2,356,388**  
[13] A1

[51] **Int.Cl. 7B01J 23/00 7C01B 3/40**  
[25] EN  
[54] **CATALYSTS CONSISTING OF METALS ON HYDROTALCITE-BASED CARRIER MATERIALS, AND METHOD FOR THE PREPARATION THEREOF**  
[54] **CATALYSEURS COMPOSES DE METAUX SUR DES SUPPORTS A BASE D'HYDROTALCITE ET PROCEDE DE PREPARATION DE CEUX-CI**  
[72] OLSBYE, UNNI, NO  
[72] AKPORIAYE, DUNCAN, NO  
[72] RYTTER, ERLING, NO  
[72] RONNEKLEIV, MORTEN, NO  
[71] DEN NORSKE STATS OLJESELSKAP A.S., NO  
[85] 2001-06-22  
[86] 1999-12-22 (PCT/NO99/00403)  
[87] 2000-07-06 (WO00/38832)  
[30] NO (19986116) 1998-12-23

[21] **2,356,389**  
[13] A1

[51] **Int.Cl. 7C12Q 1/00 7G01N 27/00 7G01N 33/483 7G01N 33/53 7G01N 33/543**  
[25] EN  
[54] **AFFINITY SENSOR FOR DETECTING SPECIFIC MOLECULAR BINDING EVENTS AND USE THEREOF**  
[54] **DETECTEUR D'AFFINITE POUR DECELER DES EVENEMENTS DE LIAISONS MOLECULAIRES SPECIFIQUES ET SON UTILISATION**  
[72] WIEGAND, ANTJE, DE  
[72] TAN, PARIS SOM TJWAN, NL  
[72] SCHUT, FREDERIK, NL  
[72] OOSTING, LOUIS, NL  
[72] CZAKI, ANDREA, DE  
[72] KOHLER, JOHANN MICHAEL, DE  
[72] FRITZSCHE, WOLFGANG, DE  
[71] INSTITUT FUR PHYSIKALISCHE HOCHTECHNOLOGIE E.V., DE  
[85] 2001-06-22  
[86] 1999-12-22 (PCT/EP99/10334)  
[87] 2000-07-06 (WO00/39325)  
[30] DE (198 60 547.1) 1998-12-23

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[21] **2,356,391**  
[13] A1

[51] **Int.Cl. 7A61K 9/70**  
[25] EN  
[54] **TRANSDERMAL DRUG DELIVERY SYSTEM**  
[54] **SYSTEME D'ADMINISTRATION TRANSDERMIQUE DE MEDICAMENTS**  
[72] SOLOMON, DAVID LOUIS CHARLES, GB  
[72] TOCILI, BILJANA, GB  
[72] SOLOMON, MONTAGUE CECIL, GB  
[71] DERMATECH LIMITED, GB  
[85] 2001-06-22  
[86] 1999-11-17 (PCT/GB99/03811)  
[87] 2000-07-06 (WO00/38659)  
[30] GB (9828480.5) 1998-12-24

[21] **2,356,393**  
[13] A1

[51] **Int.Cl. 7B65G 1/00**  
[25] EN  
[54] **APPARATUS FOR CONTROLLING THE FLOW OF ARTICLES**  
[54] **APPAREIL DESTINE A REGULER LE FLUX D'ARTICLES**  
[72] STEEBER, DORIAN F., US  
[72] DUTERTE, OLIVIER P., US  
[71] HARTNESS INTERNATIONAL, INC., US  
[85] 2001-06-22  
[86] 1999-10-27 (PCT/US99/25028)  
[87] 2000-07-27 (WO00/43294)  
[30] US (09/235,888) 1999-01-22

[21] **2,356,394**  
[13] A1

[51] **Int.Cl. 7A23C 9/13 7A23C 19/09 7A23C 9/152**  
[25] EN  
[54] **USE OF L-ALANINE AS A SWEETENER**  
[54] **UTILISATION DE L-ALANINE COMME EDULCORANT**  
[72] VAN DER KAAIJ, HENGAMEH, CH  
[72] ZINK, RALF, CH  
[72] MOLLET, BEAT, CH  
[71] SOCIETE DES PRODUITS NESTLE S.A., CH  
[85] 2001-06-22  
[86] 2000-02-15 (PCT/EP00/01228)  
[87] 2000-08-31 (WO00/49881)  
[30] EP (99103669.0) 1999-02-25

[21] **2,356,395**  
[13] A1

[51] **Int.Cl. 7H01M 12/06 7H01M 4/04**  
[25] EN  
[54] **REDUCED LEAKAGE METAL-AIR ELECTROCHEMICAL CELL**  
[54] **CELLULE ELCTROCHIMIQUE METAL-AIR A FUITES REDUITES**  
[72] LACEY, NEVILLE, GB  
[71] DURACELL INC., US  
[85] 2001-06-22  
[86] 1999-12-23 (PCT/US99/30901)  
[87] 2000-07-13 (WO00/41264)  
[30] US (09/223,939) 1998-12-31

[21] **2,356,418**  
[13] A1

[51] **Int.Cl. 7G02B 5/124**  
[25] EN  
[54] **CUBE CORNER CAVITY BASED RETROREFLECTORS AND METHODS FOR MAKING SAME**  
[54] **RETROREFLECTEURS A CAVITES EN ANGLE DROIT ET PROCEDES DE FABRICATION DESDITS RETROREFLECTEURS**  
[72] NACHBOR, MARK D., US  
[72] CODERRE, JAMES C., US  
[72] HUMPAL, PAUL E., US  
[72] SMITH, KENNETH L., US  
[72] BENSON, GERALD M., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2001-06-27  
[86] 1999-05-13 (PCT/US99/10601)  
[87] 2000-07-20 (WO00/42454)  
[30] US (09/227,963) 1999-01-11

[21] **2,356,471**  
[13] A1

[51] **Int.Cl. 7E21B 19/16 7E21B 21/10**  
[25] EN  
[54] **APPARATUS AND METHOD FOR FACILITATING THE CONNECTION OF TUBULARS USING A TOP DRIVE**  
[54] **APPAREIL ET PROCEDE FACILITANT LE RACCORDEMENT DE PIECES TUBULAIRES AU MOYEN D'UNE TRANSMISSION SUPERIEURE**  
[72] PIETRAS, BERND-GEORG, DE  
[71] WEATHERFORD/LAMB, INC., US  
[85] 2001-06-26  
[86] 1999-11-29 (PCT/GB99/03951)  
[87] 2000-07-06 (WO00/39430)  
[30] GB (9828673.5) 1998-12-24

[21] **2,356,478**  
[13] A1

[51] **Int.Cl. 7A61N 5/06**  
[25] EN  
[54] **PATIENT PORTABLE DEVICE FOR PHOTODYNAMIC THERAPY**  
[54] **APPAREIL PORTATIF DE THERAPIE PHOTODYNAMIQUE DESTINE A UN PATIENT**  
[72] HUSTON, DARRIN, US  
[72] BROWN, DAVE, US  
[72] MCQUADE, MIKE, US  
[72] WILKERSON, BRIAN, US  
[72] CHEN, JAMES, US  
[71] LIGHT SCIENCES CORPORATION, US  
[85] 2001-06-26  
[86] 2000-01-14 (PCT/US00/00805)  
[87] 2000-07-20 (WO00/41768)  
[30] US (09/232,129) 1999-01-15

[21] **2,356,480**  
[13] A1

[51] **Int.Cl. 7C07C 323/49 7A61P 37/00 7A61P 19/02 7C07C 327/06 7C07D 295/12 7A61K 31/18 7C07C 309/42 7C07F 9/53 7C07C 309/87**  
[25] EN  
[54] **ACETYLENIC SULFONAMIDE THIOL TACE INHIBITORS**  
[54] **THIOLS ACETYLENIQUES DE SULFONAMIDE UTILISES EN TANT QU'INHIBITEURS DE L'ENZYME DE CONVERSION DU TNF-.ALPHA. OU "TACE"**  
[72] LEVIN, JEREMY IAN, US  
[72] CHEN, JAMES MING, US  
[71] AMERICAN CYANAMID COMPANY, US  
[85] 2001-06-26  
[86] 2000-01-27 (PCT/US00/02143)  
[87] 2000-08-03 (WO00/44716)  
[30] US (09/238,393) 1999-01-27

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[21] **2,356,481**  
[13] A1

[51] **Int.Cl. 7C07D 213/78 7A61P 19/02 7A61P 31/18 7C07D 333/38 7C07D 231/42 7A61K 31/44 7C07C 309/87**  
[25] EN  
[54] **HETEROARYL ACETYLENIC SULFONAMIDE AND PHOSPHINIC ACID AMIDE HYDROXAMIC ACID TACE INHIBITORS**  
[54] **INHIBITEURS D'ENZYME DE CONVERSION DU FACTEUR DE NECROSE TUMORALE .ALPHA. (TACE) CONSISTANT EN DES ACIDES HYDROXAMIQUES D'AMIDE D'ACIDE PHOSPHINIQUE ET DE SULFONAMIDE ACETYLENIQUE D'HETEROARYLE**  
[72] LEVIN, JEREMY IAN, US  
[72] NELSON, FRANCES CHRISTY, US  
[72] CHEN, JAMES MING, US  
[71] AMERICAN CYANAMID COMPANY, US  
[85] 2001-06-26  
[86] 2000-01-27 (PCT/US00/01980)  
[87] 2000-08-03 (WO00/44740)  
[30] US (09/239,091) 1999-01-27

[21] **2,356,482**  
[13] A1

[51] **Int.Cl. 7A47J 27/08**  
[25] EN  
[54] **LID FOR PRESSURE COOKING RECEPTACLE**  
[54] **COUVERCLE POUR RECIPIENT DE CUISSON SOUS PRESSION**  
[72] MORONI, DONATO, IT  
[71] LAGOSTINA S.P.A., IT  
[85] 2001-06-26  
[86] 2000-10-18 (PCT/EP00/10246)  
[87] 2001-05-03 (WO01/30216)  
[30] IT (MI99A002242) 1999-10-27

[21] **2,356,483**  
[13] A1

[51] **Int.Cl. 7H04L 12/58 7G06F 17/60**  
[25] EN  
[54] **COMMUNICATIONS PRIORITIZER**  
[54] **DISPOSITIF D'AFFECTATION DE PRIORITES POUR COMMUNICATIONS**  
[72] CONNER, JOE, US  
[72] VOTICKY, MICHAEL, US  
[71] CONNER, JOE, US  
[71] VOTICKY, MICHAEL, US  
[85] 2001-06-26  
[86] 1999-12-15 (PCT/US99/29777)  
[87] 2000-07-13 (WO00/41366)  
[30] US (09/224,148) 1998-12-31

[21] **2,356,484**  
[13] A1

[51] **Int.Cl. 7G01L 3/10**  
[25] EN  
[54] **TORQUE MEASUREMENT**  
[54] **MESURE DE COUPLE**  
[72] LONSDALE, BRYAN, GB  
[72] LONSDALE, ANTHONY, GB  
[71] TRANSENSE TECHNOLOGIES PLC, GB  
[85] 2001-06-26  
[86] 2000-10-31 (PCT/GB00/04174)  
[87] 2001-05-10 (WO01/33180)  
[30] GB (9925873.3) 1999-11-01

[21] **2,356,486**  
[13] A1

[51] **Int.Cl. 7C22C 21/10 7C22C 21/00**  
[25] EN  
[54] **EXTRUDABLE AND DRAWABLE, HIGH CORROSION RESISTANT ALUMINIUM ALLOY**  
[54] **ALLIAGE D'ALUMINIUM PRESENTANT UNE GRANDE RESISTANCE A LA CORROSION ET POUVANT ETRE EXTRUDE ET ETIRE**  
[72] AURAN, LARS, NO  
[72] DAALAND, OLE, NO  
[72] FURU, TROND, NO  
[71] NORSK HYDRO ASA, NO  
[85] 2001-06-26  
[86] 2000-02-21 (PCT/EP00/01518)  
[87] 2000-08-31 (WO00/50656)  
[30] EP (99200493.7) 1999-02-22  
[30] US (09/291,255) 1999-04-13

[21] **2,356,519**  
[13] A1

[51] **Int.Cl. 7D04H 1/58 7B29D 22/00 7B32B 17/04 7B32B 5/08**  
[25] EN  
[54] **COMPOSITE FABRIC**  
[54] **TISSU COMPOSITE**  
[72] SPANTON, DAVID L., US  
[72] BLACKMORE, PHILLIP W., CA  
[72] LEVAN, DOUGLAS W., US  
[71] BAY MILLS, LTD, CA  
[71] CERTAINTED CORPORATION, US  
[85] 2001-06-22  
[86] 1999-12-22 (PCT/US99/29998)  
[87] 2000-06-29 (WO00/37726)  
[30] US (09/218,189) 1998-12-22

[21] **2,356,520**  
[13] A1

[51] **Int.Cl. 7H04N 5/74 7H04N 9/31**  
[25] EN  
[54] **IMAGE DISPLAY SYSTEM**  
[54] **SYSTEME D'AFFICHAGE D'IMAGE**  
[72] COKER, TIMOTHY MARTIN, GB  
[72] CROSSLAND, WILLIAM ALDEN, GB  
[71] THE SECRETARY OF STATE FOR DEFENCE, GB  
[85] 2001-06-22  
[86] 1999-12-23 (PCT/GB99/04407)  
[87] 2000-07-06 (WO00/40018)  
[30] GB (9828287.4) 1998-12-23

[21] **2,356,521**  
[13] A1

[51] **Int.Cl. 7C09K 5/04 7C08J 9/14 7C09K 3/30**  
[25] EN  
[54] **COMPOSITIONS OF PENTAFLUOROPROPANE AND DICHLOROTRIFLUOROETHANE**  
[54] **COMPOSITIONS DE PENTAFLUOROPROPANE ET DE DICHLOROTRIFLUOROETHANE**  
[72] SHANKLAND, IAN ROBERT, US  
[72] WILSON, DAVID PAUL, US  
[72] SINGH, RAJIV RATNA, US  
[71] ALLIEDSIGNAL INC., US  
[85] 2001-06-22  
[86] 1999-12-21 (PCT/US99/30411)  
[87] 2000-07-06 (WO00/39243)  
[30] US (60/113,687) 1998-12-24  
[30] US (09/468,399) 1999-12-20

[21] **2,356,523**  
[13] A1

[51] **Int.Cl. 7B21D 31/04 7B01J 32/00 7B01J 35/04**  
[25] EN  
[54] **STRUCTURE FOR AND METHOD OF MANUFACTURING AERODYNAMIC EXPANDED METAL**  
[54] **STRUCTURE ET PROCEDE PERMETTANT DE FABRIQUER UN METAL DEPLOYE A SECTION TRANSVERSALE AERODYNAMIQUE**  
[72] SMITH, WARREN F., US  
[72] ROYCHOUDHURY, SUBIN, US  
[72] PFEFFERLE, WILLIAM C., US  
[71] PRECISION COMBUSTION, INC., US  
[85] 2001-06-22  
[86] 1999-12-22 (PCT/US99/30709)  
[87] 2000-07-06 (WO00/38855)  
[30] US (09/220,664) 1998-12-24

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,356,524</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F21V 23/06 7H01R 25/14</b> [25] EN [54] <b>LIGHT-BAND SYSTEM AND METHOD FOR MOUNTING A LIGHT-BAND SYSTEM</b> [54] <b>SYSTEME DE RAMPES LUMINEUSES ET PROCEDE DE MONTAGE D'UN TEL SYSTEME</b> [72] LADSTATTER, GERALD, AT [72] GADNER, WOLFGANG, AT [71] ZUMTOBEL STAFF GMBH, AT [85] 2001-06-22 [86] 1999-12-27 (PCT/EP99/10397) [87] 2000-07-13 (WO00/40896) [30] DE (298 23 255.3) 1998-12-30 [30] DE (298 23 256.1) 1998-12-30</p>	<p style="text-align: right;">[21] <b>2,356,528</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B63B 35/44</b> [25] EN [54] <b>WORKING SHIP</b> [54] <b>NAVIRE UTILITAIRE</b> [72] VAN DER POEL, HANS, NL [71] BUITENDIJK HOLDING B.V., NL [71] VAN DER POEL, HANS, NL [85] 2001-06-22 [86] 1999-12-23 (PCT/NL99/00798) [87] 2000-07-06 (WO00/38977) [30] NL (1010884) 1998-12-23</p>	<p style="text-align: right;">[21] <b>2,356,533</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A23L 1/229</b> [25] EN [54] <b>INHIBITORS OF THE BITTER TASTE RESPONSE</b> [54] <b>INHIBITEURS DE LA REACTION A LA SAVEUR AMERE</b> [72] MARGOLSKEE, ROBERT F., US [72] MING, DING, US [71] MOUNT SINAI SCHOOL OF MEDICINE OF NEW YORK UNIVERSITY, US [85] 2001-06-26 [86] 1999-12-22 (PCT/US99/30610) [87] 2000-07-06 (WO00/38536) [30] US (60/113,562) 1998-12-23</p>
<p style="text-align: right;">[21] <b>2,356,525</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F16K 31/04</b> [25] EN [54] <b>MOTORIZED VALVE ACTUATING DEVICE</b> [54] <b>DISPOSITIF MOTORISE DE COMMANDE DE VANNE</b> [72] CASTLE, ROBERT W., US [71] HONEYWELL INTERNATIONAL, INC., US [85] 2001-06-22 [86] 2000-01-21 (PCT/US00/01559) [87] 2000-07-27 (WO00/43701) [30] US (09/235,979) 1999-01-22</p>	<p style="text-align: right;">[21] <b>2,356,529</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F02C 7/143 7F02C 7/08 7F02C 3/10</b> [25] EN [54] <b>APPARATUS AND METHOD TO INCREASE TURBINE POWER</b> [54] <b>APPAREIL ET PROCEDE PERMETTANT D'AUGMENTER LA PUISSANCE D'UNE TURBINE</b> [72] MEISTER, KURT, US [72] WRIGHT, SCOTT E., US [71] ALLIEDSIGNAL INC., US [85] 2001-06-22 [86] 1999-12-21 (PCT/US99/30413) [87] 2000-07-06 (WO00/39441) [30] US (60/113,851) 1998-12-24 [30] US (UNKNOWN) 1999-12-17</p>	<p style="text-align: right;">[21] <b>2,356,551</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A01N 43/04 7C12N 15/00 7C12N 15/63 7A61K 31/70</b> [25] EN [54] <b>EFFICIENT AND STABLE \$(IN VIVO) GENE TRANSFER TO CARDIOMYOCYTES USING RECOMBINANT ADENO-ASSOCIATED VIRUS VECTORS</b> [54] <b>TRANSFERT EFFICACE ET STABLE IN VIVO DE GENES DANS DES CARDIOMYOCYTES A L'AIDE DE VECTEURS VIRAUX ADENO-ASSOCIES DE RECOMBINAISON</b> [72] LEIDEN, JEFFREY M., US [72] SVENSSON, ERIC, US [71] ARCH DEVELOPMENT CORPORATION, US [85] 2001-06-27 [86] 1999-12-28 (PCT/US99/31093) [87] 2000-07-06 (WO00/38518) [30] US (60/113,923) 1998-12-28</p>
<p style="text-align: right;">[21] <b>2,356,527</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F04D 7/04 7F04D 29/22 7D21D 5/26</b> [25] EN [54] <b>METHOD AND APPARATUS FOR PUMPING A MATERIAL AND A ROTOR FOR USE IN CONNECTION THEREWITH</b> [54] <b>PROCEDE ET APPAREIL POUR POMPER UNE SUBSTANCE ET ROTOR UTILISE A CET EFFET</b> [72] VESALA, REIJO, FI [72] VIKMAN, VESA, FI [72] PELTONEN, KARI, FI [71] SULZER PUMPEN AG, CH [85] 2001-06-22 [86] 1999-12-28 (PCT/FI99/01086) [87] 2000-07-27 (WO00/43677) [30] FI (982829) 1998-12-30</p>	<p style="text-align: right;">[21] <b>2,356,530</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01L 33/00</b> [25] EN [54] <b>EFFICIENT SOLID-STATE LIGHT EMITTING DEVICE WITH EXCITED PHOSPHORS FOR PRODUCING A VISIBLE LIGHT OUTPUT</b> [54] <b>DISPOSITIF EMETTEUR DE LUMIERE A SEMI-CONDUCTEUR A LUMINOPHORES EXCITES PRODUISANT UNE LUMIERE DANS LA GAMME DU VISIBLE</b> [72] YANG, WEI, US [72] JOHNSON, BURGESS R., US [71] HONEYWELL INC., US [85] 2001-06-22 [86] 1999-11-30 (PCT/US99/28326) [87] 2000-06-29 (WO00/38250) [30] US (09/218,816) 1998-12-22</p>	<p style="text-align: right;">[21] <b>2,356,554</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A47K 3/38 7A47H 1/102</b> [25] EN [54] <b>SHOWER ENCLOSURE SYSTEM</b> [54] <b>SYSTEME DE FERMETURE POUR DOUCHE</b> [72] MOORE, SEAN, US [71] MOORE, SEAN, US [85] 2001-03-29 [86] 1999-10-29 (PCT/US99/25535) [87] 2000-05-18 (WO00/27267) [30] US (09/188,463) 1998-11-09</p>



## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,356,555</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04N 9/31 7G02B 27/14</b> [25] EN [54] <b>OPTICAL ASSEMBLY FOR REFLECTIVE LIGHT VALVES</b> [54] <b>ENSEMBLE OPTIQUE POUR MODULATEURS DE LUMIERE REFLECHISSANTE</b> [72] KWOK, HOI SING, VG [72] LIU, XU, VG [71] JOHNSON, TERENCE LESLIE, GB [71] VARINTELLIGENT (BVI) LIMITED, VG [85] 2001-06-21 [86] 1999-12-22 (PCT/GB99/04369) [87] 2000-06-29 (WO00/38432) [30] GB (9828328.6) 1998-12-22 [30] GB (9908777.7) 1999-04-16</p>	<p style="text-align: right;">[21] <b>2,356,560</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07C 209/48</b> [25] EN [54] <b>LOW PRESSURE AMINE REACTOR</b> [54] <b>REACTEUR DE PRODUCTION D'AMINE A FAIBLE PRESSION</b> [72] GOODWIN, RALPH T., III, US [72] WARD, GREGORY J., US [71] SOLUTIA INC., US [85] 2001-06-22 [86] 1999-12-10 (PCT/US99/29394) [87] 2000-06-29 (WO00/37424) [30] US (60/113,329) 1998-12-22</p>	<p style="text-align: right;">[21] <b>2,356,563</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 15/16</b> [25] EN [54] <b>SYSTEM FOR SCHEDULING AND MONITORING COMPUTER PROCESSES</b> [54] <b>SYSTEME DE PLANIFICATION ET DE COMMANDE DE PROCESSUS INFORMATIQUES</b> [72] MIRZADEH, SHIVA, US [72] DEVILLERS, RICHARD E., US [72] HEADLEY, RICHARD E., US [71] COMPUTER ASSOCIATES THINK, INC., US [85] 2001-06-22 [86] 1999-12-21 (PCT/US99/31024) [87] 2000-06-29 (WO00/38033) [30] US (09/219,071) 1998-12-22</p>
<p style="text-align: right;">[21] <b>2,356,556</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A01N 25/04 7A01N 25/02 7A01N 33/04 7A01N 57/20</b> [25] EN [54] <b>PROCESS AND COMPOSITIONS PROMOTING BIOLOGICAL EFFECTIVENESS OF EXOGENOUS CHEMICAL SUBSTANCES IN PLANTS</b> [54] <b>PROCEDE ET COMPOSITIONS ACTIVANT L'EFFICACITE BIOLOGIQUE DE SUBSTANCES CHIMIQUES EXOGENES DANS DES PLANTES</b> [72] CAISSE, PHILIPPE G., FR [72] LEMERCIER, ALAIN J. L., FR [72] MEYRUEIX, REMI, FR [72] WARD, ANTHONY J. I., US [72] SOULA, GERARD G., FR [72] GILLESPIE, JANE L., US [72] BRINKER, RONALD J., US [71] MONSANTO TECHNOLOGY LLC, US [85] 2001-06-22 [86] 1999-12-17 (PCT/US99/30446) [87] 2000-07-06 (WO00/38514) [30] US (60/113,954) 1998-12-23</p>	<p style="text-align: right;">[21] <b>2,356,561</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A47J 37/04</b> [25] EN [54] <b>ROTISSERIE COOKING APPARATUS</b> [54] <b>APPAREIL DE CUISSON AU TOURNEBROCHE</b> [72] USHEROVICH, BORIS, US [71] FRANKLIN INDUSTRIES, L.L.C., US [85] 2001-06-22 [86] 2000-04-04 (PCT/US00/08924) [87] 2001-05-03 (WO01/30220) [30] US (60/161,964) 1999-10-28</p>	<p style="text-align: right;">[21] <b>2,356,609</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B22D 11/12</b> [25] EN [54] <b>METHOD OF PRODUCING ROUND BILLETS</b> [54] <b>PROCEDE DE PRODUCTION DE BILLETES RONDES</b> [72] QUITMANN, UWE, DE [72] WEHAGE, HARALD, DE [72] VON HAGEN, INGO, DE [72] WEISCHEDEL, WALTER, DE [71] SMS DEMAG AG, DE [85] 2001-06-21 [86] 1999-12-07 (PCT/DE99/03959) [87] 2000-06-29 (WO00/37200) [30] DE (198 60 570.6) 1998-12-22</p>
<p style="text-align: right;">[21] <b>2,356,562</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61M 1/34</b> [25] EN [54] <b>BLOOD-RELATED DIALYSIS AND TREATMENT</b> [54] <b>DIALYSE ET TRAITEMENT SANGUINS</b> [72] LEE, JASON IAN KIEN HUAT, AU [72] NAIR, CHENICHERI HARIHARAN, AU [72] ROETH, PHILIP JOHN, AU [72] FARAMUS, ELLIE, AU [72] CHAN, GRACE SZE MAN, AU [71] GRADIPORE LIMITED, AU [85] 2001-06-22 [86] 1999-12-23 (PCT/AU99/01172) [87] 2000-07-06 (WO00/38759) [30] AU (PP 7908) 1998-12-23</p>	<p style="text-align: right;">[21] <b>2,356,612</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F02N 17/08</b> [25] EN [54] <b>START-ASSIST CIRCUIT</b> [54] <b>CIRCUIT D'ASSISTANCE AU DEMARRAGE</b> [72] FRENCH, MICHAEL J., US [72] SKRZYPCHAK, MARK, US [71] BOMBARDIER MOTOR CORPORATION OF AMERICA, US [85] 2001-04-10 [86] 1999-10-13 (PCT/US99/23625) [87] 2000-04-20 (WO00/22296) [30] US (09/170,853) 1998-10-13</p>	

## Demandes PCT entrant en phase nationale

[21] **2,356,613**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68**  
[25] EN  
[54] **IMPROVED HYBRIDISATION ASSAY IN WHICH EXCESS PROBE IS DESTROYED**  
[54] **TECHNIQUE D'HYBRIDATION AMELIOREE DANS LAQUELLE LA SONDRE EXCEDENTAIRE EST DETRUITE**  
[72] HARBRON, STUART, GB  
[71] ZETATRONICS LIMITED, GB  
[85] 2001-04-12  
[86] 1999-10-12 (PCT/GB99/03383)  
[87] 2000-04-20 (WO00/22165)  
[30] GB (9822067.6) 1998-10-12

[21] **2,356,614**  
[13] A1

[51] **Int.Cl. 7A61M 5/315 7A61J 1/00 7A61M 5/24 7A61M 5/32**  
[25] EN  
[54] **METHOD FOR RECONSTITUTING AN INJECTION FLUID, AND INJECTION APPARATUS FOR IMPLEMENTING SAID METHOD**  
[54] **PROCEDE POUR RECONSTITUER UN FLUIDE D'INJECTION, ET APPAREIL D'INJECTION POUR METTRE EN OEUVRE LEDIT PROCEDE**  
[72] GABRIEL, JOCHEN, DE  
[72] POLZIN, ULF, DE  
[71] MEDICO DEVELOPMENT INVESTMENT COMPANY, CH  
[85] 2001-04-17  
[86] 1999-10-09 (PCT/EP99/07587)  
[87] 2000-04-27 (WO00/23133)  
[30] DE (298 18 721.3) 1998-10-21

[21] **2,356,624**  
[13] A1

[51] **Int.Cl. 7A61K 31/34 7A61P 35/00 7A61K 45/06 7A61K 31/38**  
[25] EN  
[54] **ENDOCRINE THERAPY FOR BREAST CANCER: COMBINED TREATMENT WITH TAMOXIFEN PLUS ALKYL PCDFS**  
[54] **HORMONOTHERAPIE DU CANCER DU SEIN ASSOCIEE A UN TRAITEMENT AU TAMOXIFENE ET AUX DIBENZOFURANNES POLYCHLORES ALKYLE**  
[72] SAFE, STEPHEN H., US  
[71] THE TEXAS A & M UNIVERSITY SYSTEM, US  
[85] 2001-06-20  
[86] 1999-12-21 (PCT/US99/30554)  
[87] 2000-06-29 (WO00/37065)  
[30] US (09/217,780) 1998-12-21

[21] **2,356,626**  
[13] A1

[51] **Int.Cl. 7A63B 21/072**  
[25] EN  
[54] **BARBELL AND DUMBBELL SAFETY SPOTTING APPARATUS**  
[54] **APPAREIL DE SECURITE POUR LA REMISE EN PLACE DES HALTERES ET DES BARRES A DISQUES**  
[72] OLSSON, MIKAEL L. E., US  
[72] SLAWINSKI, MICHAEL D., US  
[71] PROSPOT, INC., US  
[85] 2001-05-22  
[86] 1999-11-23 (PCT/US99/28065)  
[87] 2000-06-29 (WO00/37144)  
[30] US (09/201,434) 1998-11-30

[21] **2,356,627**  
[13] A1

[51] **Int.Cl. 7H04Q 7/32**  
[25] EN  
[54] **METHOD AND APPARATUS FOR IMPROVING NEIGHBOR SEARCHING PERFORMANCE**  
[54] **PROCEDE ET DISPOSITIF PERMETTANT D'AMELIORER LES RENDEMENTS DES RECHERCHES EN VOISINAGE**  
[72] NEUFELD, ARTHUR JAMES, US  
[71] QUALCOMM INCORPORATED, US  
[85] 2001-06-08  
[86] 1999-12-09 (PCT/US99/29378)  
[87] 2000-06-15 (WO00/35220)  
[30] US (60/111,765) 1998-12-09  
[30] US (09/457,095) 1999-12-07

[21] **2,356,628**  
[13] A1

[51] **Int.Cl. 6C10G 69/00 6C10G 69/02 6C10G 69/04**  
[25] EN  
[54] **INTEGRATED STAGED CATALYTIC CRACKING AND STAGED HYDROPROCESSING PROCESS**  
[54] **CRAQUAGE CATALYTIQUE INTEGRE EN PLUSIEURS ETAPES ET PROCESSUS D'HYDROCRAQUAGE EN PLUSIEURS ETAPES**  
[72] ELLIS, EDWARD STANLEY, US  
[72] GUPTA, RAMESH, US  
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US  
[85] 2001-06-20  
[86] 1999-12-07 (PCT/US99/28791)  
[87] 2000-07-13 (WO00/40677)  
[30] US (09/222,863) 1998-12-30

[21] **2,356,629**  
[13] A1

[51] **Int.Cl. 6G06F 1/02**  
[25] EN  
[54] **A RANDOM NUMBER GENERATOR BASED ON THE SPONTANEOUS .ALPHA.-DECAY**  
[54] **GENERATEUR DE NOMBRES ALEATOIRES SE BASANT SUR LA DESINTEGRATION ALPHA SPONTANEE**  
[72] POPOVICH, VADIM PAVLOVICH, US  
[72] GORDON, ALEXANDER YAKOVLEVICH, US  
[72] MOLCHANOV, STANISLAV ALEKSEEVITCH, US  
[72] VITEBSKIY, ILYA MARKOVICH, US  
[72] QUINN, JOSEPH EDWARD, US  
[72] STETSENKO, GENNADY NIKOLAEVICH, US  
[72] FIGOTIN, ALEKSANDR, US  
[72] STRAVRAKAS, NICKOLAS MARK, US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2001-06-08  
[86] 1999-12-14 (PCT/US99/29842)  
[87] 2000-06-29 (WO00/38037)  
[30] US (60/112,721) 1998-12-18  
[30] US (60/117,455) 1999-01-26

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[21] **2,356,632**  
[13] A1  
[51] **Int.Cl. 7C10G 61/02**  
[25] EN  
[54] **DEHYDROCYCLIZATION  
PROCESS WITH DOWNSTREAM  
DIMETHYLBUTANE REMOVAL**  
[54] **PROCEDE DE  
DESHYDROCYCLISATION AVEC  
ELIMINATION DE  
DIMETHYLBUTANE EN AVAL**  
[72] WITTE, DAVID H., US  
[71] CHEVRON PHILLIPS CHEMICAL  
COMPANY LP, US  
[85] 2001-06-08  
[86] 1998-12-09 (PCT/US98/26134)  
[87] 2000-06-15 (WO00/34417)

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[21] **2,356,635**  
[13] A1  
[51] **Int.Cl. 7C08F 4/646 7C08F 210/00  
7C08F 212/08 7C08F 4/642**  
[25] EN  
[54] **CATALYST FOR OLEFIN/  
STYRENE COPOLYMERIZATION AND  
PROCESS FOR PRODUCING OLEFIN/  
STYRENE COPOLYMER**  
[54] **CATALYSEUR POUR  
COPOLYMERISATION D'OLEFINE/  
STYRENE ET PROCEDE DE  
PRODUCTION DE COPOLYMER  
D'OLEFINE/STYRENE**  
[72] YOKOTA, KIYOHICO, US  
[72] ISHIHARA, NOBUHIDE, JP  
[72] YABUNOUCHI, NOBUHIRO, JP  
[71] IDEMITSU PETROCHEMICAL CO.,  
LTD., JP  
[85] 2001-06-08  
[86] 2000-02-25 (PCT/JP00/01101)  
[87] 2000-08-31 (WO00/50469)  
[30] JP (11/50668) 1999-02-26

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[21] **2,356,636**  
[13] A1  
[51] **Int.Cl. 7C08J 9/16 7B29C 44/00  
7B32B 5/18 7C08J 9/228**  
[25] EN  
[54] **PRE-EXPANDED PARTICLES OF  
CRYSTALLINE AROMATIC  
POLYESTER-BASED RESIN, AND IN-  
MOLD EXPANDED PRODUCT AND  
EXPANDED LAMINATE USING THE  
SAME**  
[54] **PARTICULES PRE-EXPANSEES  
EN RESINE DE POLYESTER  
AROMATIQUE CRISTALLIN,  
PRODUIT EXPANSE DANS LE MOULE  
ET LAMINE EXPANSE AINSI REALISE**  
[72] HIRAI, TAKAAKI, JP  
[72] FUJISHIMA, MINORU, JP  
[72] MORIOKA, IKUO, JP  
[72] NAKAYAMA, SHINPEI, JP  
[72] MATSUMURA, HIDEYASU, JP  
[72] UENO, HIROYUKI, JP  
[71] SEKISUI PLASTICS CO., LTD., JP  
[85] 2001-06-08  
[86] 1999-12-10 (PCT/JP99/06986)  
[87] 2000-06-22 (WO00/36000)  
[30] JP (10/353327) 1998-12-11  
[30] JP (10/353328) 1998-12-11  
[30] JP (11/63597) 1999-03-10  
[30] JP (11/187823) 1999-07-01  
[30] JP (11/201910) 1999-07-15  
[30] JP (11/255887) 1999-09-09

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[21] **2,356,640**  
[13] A1  
[51] **Int.Cl. 7G10L 15/08**  
[25] EN  
[54] **SEARCH ALGORITHM FOR  
LARGE VOCABULARY SPEECH  
RECOGNITION**  
[54] **ALGORITHME DE RECHERCHE  
POUR RECONNAISSANCE VOCALE A  
AMPLE VOCABULAIRE**  
[72] VAN AELTEN, FILIP, BE  
[71] LERNOUT & HAUSPIE SPEECH  
PRODUCTS N.V., BE  
[85] 2001-06-22  
[86] 2000-01-07 (PCT/IB00/00116)  
[87] 2000-07-13 (WO00/41165)  
[30] US (09/226,863) 1999-01-07

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[21] **2,356,649**  
[13] A1  
[51] **Int.Cl. 7A61M 1/10 7A61B 19/00  
7A61F 2/00 7A61F 2/20**  
[25] EN  
[54] **METHOD AND APPARATUS FOR  
REINFORCEMENT OF THE HEART  
VENTRICLES**  
[54] **PROCEDE ET APPAREIL  
RENFORCANT LES VENTRICULES  
CARDIAQUES**  
[72] WARDLE, JOHN L., US  
[71] CORSET, INC., US  
[85] 2001-06-20  
[86] 1999-12-17 (PCT/US99/30138)  
[87] 2000-06-29 (WO00/36995)  
[30] US (60/113,232) 1998-12-21  
[30] US (09/346,643) 1999-07-01

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[21] **2,356,650**  
[13] A1  
[51] **Int.Cl. 7B29C 47/88 7B29D 5/10**  
[25] EN  
[54] **HIGH SPEED BAG CLOSURE  
EXTRUSION**  
[54] **FERMETURE DE SAC PAR  
EXTRUSION A HAUTE VITESSE**  
[72] TONEY, KENNETH A., US  
[71] S. C. JOHNSON HOME STORAGE,  
INC., US  
[85] 2001-06-20  
[86] 1999-12-14 (PCT/US99/29665)  
[87] 2000-06-29 (WO00/37238)  
[30] US (09/217,159) 1998-12-21

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[21] **2,356,651**  
[13] A1  
[51] **Int.Cl. 7A61F 13/15**  
[25] EN  
[54] **ABSORBENT STRUCTURES OF  
CHEMICALLY TREATED CELLULOSE  
FIBERS**  
[54] **STRUCTURES ABSORBANTES DE  
FIBRES DE CELLULOSE TRAITEES  
CHIMIQUEMENT**  
[72] COOK, JEFFERY TODD, US  
[72] MORTON, GERALD HUNT, US  
[72] FIELDS, SONJA MCNEIL, US  
[72] SCHOGGEN, HOWARD LEON, US  
[72] HUFF, BYRON JERRY LEE, US  
[72] BELL, ROBERT IRVIN, US  
[72] SMITH, DAVID JAY, US  
[71] BKI HOLDING CORPORATION, US  
[85] 2001-06-20  
[86] 1999-12-22 (PCT/US99/30791)  
[87] 2000-07-06 (WO00/38607)  
[30] US (60/113,849) 1998-12-24  
[30] US (60/117,565) 1999-01-27

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<p style="text-align: right;">[21] <b>2,356,653</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 15/173</b> [25] EN [54] <b>INTERNET SEARCH METHOD</b> [54] <b>PROCEDE DE RECHERCHE PAR INTERNET</b> [72] DE LE FEVRE, PATRICK Y., US [71] DE LE FEVRE, PATRICK Y., US [85] 2001-06-21 [86] 2000-10-13 (PCT/US00/28396) [87] 2001-04-26 (WO01/29683) [30] US (09/419,025) 1999-10-15</p>	<p style="text-align: right;">[21] <b>2,356,657</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61F 5/451</b> [25] EN [54] <b>CONTAINER FOR THE COLLECTION OF BODILY WASTE WITH AN UNFOLDING MEANS</b> [54] <b>CONTENANT PERMETTANT DE RECUEILLIR DES DECHETS CORPORELS ET COMPORTANT UN ORGANE DEPLOYABLE</b> [72] CINELLI, FABIO, IT [72] EVANGELISTA, OLINDO, IT [72] COLAIANNI, ANTONELLO, IT [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2001-06-20 [86] 1999-12-21 (PCT/US99/30558) [87] 2000-07-13 (WO00/40181) [30] EP (99100115.7) 1999-01-04</p>	<p style="text-align: right;">[21] <b>2,356,659</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B65H 5/06</b> [25] EN [54] <b>DEVICE FOR CONVEYING FLAT OBJECTS BETWEEN PROCESSING EQUIPMENT ITEMS</b> [54] <b>APPAREIL PERMETTANT LE TRANSPORT D'OBJET PLATS ENTRE LES POSTES D'UN EQUIPEMENT DE TRAITEMENT</b> [72] AGIER, FRANCOIS, FR [72] DECHARRAN, DOMINIQUE, FR [72] DUVAL, FLORENCE, FR [71] MANNESMANN DEMATIC POSTAL AUTOMATION S.A., FR [85] 2001-06-20 [86] 1999-12-20 (PCT/EP99/10101) [87] 2000-07-06 (WO00/39010) [30] FR (98/16426) 1998-12-24</p>
<p style="text-align: right;">[21] <b>2,356,654</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 7/38</b> [25] EN [54] <b>IMPROVED CDMA SOFT HAND-OFF</b> [54] <b>TRANSFERTS SOUPLES AMELIORES DANS UN SYSTEME AMCR</b> [72] HOGAN, BILLY, SE [72] CORBETT, EDDIE, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2001-06-21 [86] 1999-12-14 (PCT/SE99/02346) [87] 2000-06-29 (WO00/38466) [30] US (09/218,168) 1998-12-22</p>	<p style="text-align: right;">[21] <b>2,356,658</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B01J 19/32 7B01F 5/06</b> [25] EN [54] <b>STRUCTURED PACKING ASSEMBLY</b> [54] <b>ENSEMBLE D'EMBALLAGE STRUCTURE</b> [72] RAJAN, VARAGUR S.V., CA [72] CHUANG, KARL TZE-TANG, CA [72] LILICO, DOUGLAS ALEXANDER, CA [71] ALBERTA RESEARCH COUNCIL, INC., CA [71] UNIVERSITY OF ALBERTA, CA [85] 2001-06-21 [86] 1999-12-13 (PCT/CA99/01179) [87] 2000-07-06 (WO00/38830) [30] CA (2,257,128) 1998-12-23 [30] US (09/244,208) 1999-02-04 [30] US (09/428,995) 1999-10-28</p>	<p style="text-align: right;">[21] <b>2,356,663</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B65D 77/20</b> [25] EN [54] <b>RESEALABLE PLASTIC PACKAGING CONTAINER WITH AT LEAST ONE KNOB</b> [54] <b>EMBALLAGE PLASTIQUE REFERMABLE DOTE D'AU MOINS UNE NOPE</b> [72] REINERS, ULRICH, NL [72] KARLSSON, ROLAND, DE [72] FUX, RUDI, DE [72] WALDAU, CHRISTOPH, DE [72] GIEBEL, MATTHIAS, DE [72] BERNDT, DIETER, DE [71] CONVENIENCE FOOD SYSTEMS B.V., NL [85] 2001-06-20 [86] 1999-12-09 (PCT/EP99/09675) [87] 2000-06-29 (WO00/37335) [30] DE (198 59 042.3) 1998-12-21</p>
<p style="text-align: right;">[21] <b>2,356,656</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B65H 29/12 7B65H 5/02 7B65H 39/06 7B65H 5/26</b> [25] EN [54] <b>ROUTING DEVICE FOR GROUPING TWO STREAMS OF FLAT OBJECTS, SUCH AS MAIL ENVELOPES, INTO ONE STREAM</b> [54] <b>DISPOSITIF D'ACHEMINEMENT POUR GROUPER DEUX FLUX D'OBJETS PLATS TELS QUE DES ENVELOPPES POSTALES EN UN SEUL FLUX</b> [72] LAUMOND, CHRISTIAN, FR [72] GRASSWILL, VINCENT, FR [72] AGIER, FRANCOIS, FR [71] MANNESMANN DEMATIC POSTAL AUTOMATION S.A., FR [85] 2001-06-20 [86] 1999-12-21 (PCT/EP99/10160) [87] 2000-07-06 (WO00/39012) [30] FR (98/16427) 1998-12-24</p>		

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<p style="text-align: right;">[21] <b>2,356,665</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04K 1/00</b> [25] EN [54] <b>AUTO-RECOVERABLE AUTO-CERTIFIABLE CRYPTOSYSTEMS WITH UNESCROWED SIGNATURE-ONLY KEYS</b> [54] <b>SYSTEME DE CRYPTAGE AUTORECUPERABLE ET AUTOCERTIFIABLE POSSEDANT DES CLES DE SIGNATURE UNIQUEMENT, SANS ENTIERCEMENT</b> [72] YUNG, MARCEL MORDECHAY, US [72] YOUNG, ADAM LUCAS, US [71] YUNG, MARCEL MORDECHAY, US [71] YOUNG, ADAM LUCAS, US [85] 2001-06-21 [86] 1999-12-20 (PCT/US99/30611) [87] 2000-06-29 (WO00/38365) [30] US (09/218,219) 1998-12-22</p>	<p style="text-align: right;">[21] <b>2,356,667</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08F 210/06 7C08F 210/16</b> [25] EN [54] <b>BRANCHED SEMI-CRYSTALLINE ETHYLENE-PROPYLENE COMPOSITIONS</b> [54] <b>COMPOSITIONS RAMIFIEES SEMI-CRISTALLINES A BASE D'ETHYLENE-PROPYLENE</b> [72] DEKMEZIAN, ARMENAG H., US [72] WENG, WEIQING, US [72] MARKEL, ERIC J., US [71] EXXONMOBIL CHEMICAL PATENTS INC., US [85] 2001-06-20 [86] 1999-12-15 (PCT/US99/29787) [87] 2000-06-29 (WO00/37514) [30] US (60/113,227) 1998-12-21</p>	<p style="text-align: right;">[21] <b>2,356,672</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 9/44</b> [25] EN [54] <b>SYSTEM AND METHOD FOR DYNAMIC CORRELATION OF EVENTS</b> [54] <b>SYSTEME ET PROCEDE DE CORRELATION DYNAMIQUE D'EVENEMENTS</b> [72] POHLMANN, WILLIAM N., US [72] CANTRELL, PAUL, US [72] MATSON, KENNETH D., US [71] COMPUTER ASSOCIATES THINK, INC., US [85] 2001-06-20 [86] 1999-12-29 (PCT/US99/31135) [87] 2000-07-06 (WO00/39674) [30] US (09/224,487) 1998-12-31</p>
<p style="text-align: right;">[21] <b>2,356,666</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B65D 77/20</b> [25] EN [54] <b>RESEALABLE PLASTIC PACKAGING CONTAINER WITH HOOK AND LOOP CLOSURE</b> [54] <b>EMBALLAGE PLASTIQUE REFERMABLE DOTE D'UNE FERMETURE AUTO-AGRIPPANTE</b> [72] KARLSSON, ROLAND, DE [72] FUX, RUDI, DE [72] REINERS, ULRICH, NL [72] WALDAU, CHRISTOPH, DE [72] GIEBEL, MATTHIAS, DE [72] BERNDT, DIETER, DE [71] CONVENIENCE FOOD SYSTEMS B.V., NL [85] 2001-06-20 [86] 1999-12-09 (PCT/EP99/09674) [87] 2000-06-29 (WO00/37334) [30] DE (198 59 043.1) 1998-12-21</p>	<p style="text-align: right;">[21] <b>2,356,669</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/31 7A61K 48/00 7A61K 39/04 7C07K 14/35 7A61K 39/39 7C12N 15/62</b> [25] EN [54] <b>METHODS FOR USING MYCOBACTERIUM TUBERCULOSIS MOLECULES AS IMMUNOLOGICAL ADJUVANTS</b> [54] <b>PROCEDES D'UTILISATION DE MOLECULES DE MYCOBACTERIUM TUBERCULOSIS EN TANT QU'ADJUVANTS IMMUNOLOGIQUES</b> [72] SKEIKY, YASIR, US [71] CORIXA CORPORATION, US [85] 2001-06-20 [86] 1999-12-23 (PCT/US99/30975) [87] 2000-07-06 (WO00/39301) [30] US (09/220,416) 1998-12-24</p>	<p style="text-align: right;">[21] <b>2,356,674</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B32B 27/36 7B65D 30/08</b> [25] EN [54] <b>BIODEGRADABLE BAG</b> [54] <b>SAC BIODEGRADABLE</b> [72] TERADA, SHIGENORI, JP [72] TAKAGI, JUN, JP [71] MITSUBISHI PLASTICS, INC., JP [85] 2001-06-21 [86] 2000-10-23 (PCT/JP00/07399) [87] 2001-05-03 (WO01/30571) [30] JP (11/305758) 1999-10-27</p>
	<p style="text-align: right;">[21] <b>2,356,670</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06K 9/20 7A61B 5/117</b> [25] EN [54] <b>OPTICAL FINGERPRINT IMAGE CAPTURING SYSTEM</b> [54] <b>SYSTEM OPTIQUE DE SAISIE D'IMAGES D'EMPREINTES</b> [72] JO, SUNG-CHAN, US [72] TENG, HARRY H., US [71] SECUGEN CORPORATION, US [85] 2001-06-20 [86] 1999-12-20 (PCT/US99/30383) [87] 2000-06-29 (WO00/38099) [30] US (09/217,558) 1998-12-21</p>	<p style="text-align: right;">[21] <b>2,356,675</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B63B 35/00 7B63B 1/04 7B63B 43/06 7B63H 5/125 7B63H 21/14 7B63H 23/24 7B63B 27/36 7B63B 35/42</b> [25] EN [54] <b>SEMI-SUBMERSIBLE DEADWEIGHT CARGO VESSEL</b> [54] <b>NAVIRE SEMI-IMMERSIBLE POUR CARGO DE MARCHANDISES LOURDES</b> [72] VAN MAMEREN, HANS, NL [72] ANDERSEN, PETER, DE [71] SIEMENS AKTIENGESELLSCHAFT, DE [85] 2001-06-21 [86] 1999-12-10 (PCT/DE99/03947) [87] 2000-07-06 (WO00/38976) [30] DE (198 60 071.2) 1998-12-23</p>

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[13] A1

[51] **Int.Cl. 7C08F 220/04 7A61K 7/00 7C08F 220/28 7A61K 47/32 7C08F 220/34 7C08F 220/54 7C08F 220/60**  
[25] EN  
[54] **HYDROPHILIC AMPHOLYTIC POLYMER**  
[54] **POLYMERE AMPHOLYTIQUE HYDROPHILE**  
[72] GALLEGUILLOS, RAMIRO, US  
[72] AMJAD, ZAHID, US  
[72] BUDREVICH, JODI A., US  
[72] CHIARELLI, JOSEPH A., US  
[72] BATHINA, HARINATH B., US  
[71] THE B.F. GOODRICH COMPANY, US  
[85] 2001-06-26  
[86] 1999-12-22 (PCT/US99/30782)  
[87] 2000-07-06 (WO00/39176)  
[30] US (09/222,495) 1998-12-29

[21] **2,356,695**  
[13] A1

[51] **Int.Cl. 7D03D 15/00**  
[25] EN  
[54] **DECORATIVE OUTDOOR FABRICS**  
[54] **TISSU DECORATIF A USAGE EXTERNE**  
[72] PARRISH, JOHNNY E., US  
[72] SWERS, DAVID N., US  
[71] GLEN RAVEN MILLS, INC., US  
[85] 2001-06-26  
[86] 1999-12-16 (PCT/US99/30363)  
[87] 2000-07-06 (WO00/39376)  
[30] US (09/222,529) 1998-12-29

[21] **2,356,696**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68**  
[25] EN  
[54] **STATISTICAL COMBINING OF CELL EXPRESSION PROFILES**  
[54] **COMBINAISON STATISTIQUE DE PROFILS D'EXPRESSION CELLULAIRE**  
[72] STOUGHTON, ROLAND, US  
[72] DAI, HONGYUE, US  
[71] ROSETTA INPHARMATICS, INC., US  
[85] 2001-06-26  
[86] 1999-12-27 (PCT/US99/30837)  
[87] 2000-07-06 (WO00/39339)  
[30] US (09/222,596) 1998-12-28

[21] **2,356,697**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7C12N 15/10**  
[25] EN  
[54] **METHOD FOR ACCELERATING IDENTIFICATION OF SINGLE NUCLEOTIDE POLYMORPHISMS AND ALIGNMENT OF CLONES IN GENOMIC SEQUENCING**  
[54] **ACCELERATION DE L'IDENTIFICATION DES POLYMORPHISMES D'UN NUCLEOTIDE UNIQUE ET ALIGNEMENT DE CLONES DANS LE SEQUENCAGE GENOMIQUE**  
[72] ZIRVI, MONIB, US  
[72] GERRY, NORMAN P., US  
[72] KIRK, BRIAN W., US  
[72] BARANY, FRANCIS, US  
[72] LIU, JIANZHAO, US  
[72] PATY, PHILIP B., US  
[71] CORNELL RESEARCH FOUNDATION, INC., US  
[71] SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH, US  
[85] 2001-06-26  
[86] 2000-01-05 (PCT/US00/00144)  
[87] 2000-07-13 (WO00/40755)  
[30] US (60/114,881) 1999-01-06

[21] **2,356,698**  
[13] A1

[51] **Int.Cl. 7B65D 47/06**  
[25] EN  
[54] **MANUFACTURED POUR SPOUT FITMENT AND CONTAINER**  
[54] **ELEMENT A BEC VERSEUR MANUFACTURE ET RECIPIENT**  
[72] LATHROP, GREGORY ALAN, US  
[72] GIBLIN, EDWARD JOHN, US  
[71] UNILEVER PLC, GB  
[85] 2001-06-26  
[86] 1999-12-15 (PCT/EP99/10165)  
[87] 2000-07-13 (WO00/40475)  
[30] US (09/224,229) 1998-12-30  
[30] US (09/223,491) 1998-12-30

[21] **2,356,699**  
[13] A1

[51] **Int.Cl. 7H03G 3/20**  
[25] EN  
[54] **COMMUNICATION RECEIVER HAVING REDUCED DYNAMIC RANGE**  
[54] **RECEPTEUR DE COMMUNICATION AYANT UNE PLAGES DYNAMIQUE REDUITE**  
[72] SKARMAN, KARIN MARGARETA, SE  
[72] JARLEHOLM, ANDERS WILHELM, SE  
[72] STOLT, TOMAS, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-06-26  
[86] 1999-12-14 (PCT/SE99/02345)  
[87] 2000-07-06 (WO00/39923)  
[30] US (09/220,521) 1998-12-24

[21] **2,356,700**  
[13] A1

[51] **Int.Cl. 7A61L 2/10**  
[25] EN  
[54] **BED EQUIPED WITH STERILIZING AND DISINFECTING MEANS**  
[54] **LIT EQUIPE DE MOYENS DE STERILISATION ET DE DESINFECTION**  
[72] PARK, HAN-OH, KR  
[71] BIONEER CORPORATION, KR  
[85] 2001-06-26  
[86] 2000-09-29 (PCT/KR00/01086)  
[87] 2001-05-03 (WO01/30401)  
[30] KR (1999/47553) 1999-10-29

[21] **2,356,701**  
[13] A1

[51] **Int.Cl. 7A61K 48/00 7A61P 3/10 7A61P 9/10 7A61K 9/127 7A61K 38/22**  
[25] EN  
[54] **GENE THERAPY FOR DIABETIC ISCHEMIC DISEASE**  
[54] **THERAPIE GENIQUE POUR TRAITER LES MALADIES ISCHEMIQUES DIABETIQUES**  
[72] MORISHITA, RYUICHI, JP  
[72] OGIHARA, TOSHIO, JP  
[71] MEDGENE BIOSCIENCES, INC., JP  
[85] 2001-06-27  
[86] 2000-10-26 (PCT/JP00/07502)  
[87] 2001-05-10 (WO01/32220)  
[30] JP (11/309984) 1999-10-29

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[21] **2,356,704**  
[13] A1  
[51] **Int.Cl. 6C07K 1/20 6C07K 1/14**  
[25] EN  
[54] **SEPARATION METHOD UTILIZING LIQUID-LIQUID PARTITION**  
[54] **PROCEDE DE SEPARATION A L'AIDE D'UN PARTAGE LIQUIDE-LIQUIDE**  
[72] PERSSON, JOSEFINE, SE  
[72] JOHANSSON, HANS OLOF, SE  
[72] TJERNELD, FOLKE, SE  
[71] PERSSON, JOSEFINE, SE  
[71] JOHANSSON, HANS OLOF, SE  
[71] TJERNELD, FOLKE, SE  
[85] 2001-06-26  
[86] 1998-12-30 (PCT/SE98/02469)  
[87] 2000-07-13 (WO00/40598)

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[21] **2,356,705**  
[13] A1  
[51] **Int.Cl. 7A61K 7/00 7C09D 11/00 7A61K 7/48**  
[25] EN  
[54] **PERMANENT, REMOVABLE TISSUE MARKINGS**  
[54] **MARQUAGES PERMANENTS MAIS EFFACABLES SUR LE TISSU CORPOREL**  
[72] ANDERSON, RICHARD R., US  
[72] MLYNARCZYK, SUSANNA K., US  
[72] DRILL, CRAIG A., US  
[71] FREEDOM-2, LLC, US  
[71] THE GENERAL HOSPITAL CORPORATION, US  
[85] 2001-06-26  
[86] 1999-11-19 (PCT/US99/27540)  
[87] 2000-06-02 (WO00/30592)  
[30] US (09/197,105) 1998-11-20

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[13] A1  
[51] **Int.Cl. 7A61K 38/22 7A61K 9/08 7A61P 3/10 7A61K 9/19 7A61P 5/50 7C07K 14/575**  
[25] EN  
[54] **NOVEL EXENDIN AGONIST FORMULATIONS AND METHODS OF ADMINISTRATION THEREOF**  
[54] **NOUVELLES FORMULATIONS D'AGONISTES DE L'EXENDINE ET MODES D'ADMINISTRATION**  
[72] YOUNG, ANDREW, US  
[72] KOLTERMAN, ORVILLE, US  
[72] L'ITALIEN, JAMES J., US  
[71] AMYLIN PHARMACEUTICALS, INC., US  
[85] 2001-06-26  
[86] 2000-01-14 (PCT/US00/00902)  
[87] 2000-07-20 (WO00/41546)  
[30] US (60/116,380) 1999-01-14  
[30] US (60/175,365) 2000-01-10

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[13] A1  
[51] **Int.Cl. 7A61K 31/66 7A61P 29/00**  
[25] EN  
[54] **USE OF ETHERLYSOPHOSPHOLIPIDS AS ANTIINFLAMMATORY AGENTS**  
[54] **UTILISATION D'ETHERLYSOPHOSPHOLIPIDES EN TANT QU'AGENTS ANTI-INFLAMMATOIRES**  
[72] GAJATE, CONSUELO, ES  
[72] CAMPRUBI, JOSE, ES  
[71] INKEYSA. S.A., ES  
[85] 2001-06-21  
[86] 1999-12-20 (PCT/EP99/10122)  
[87] 2000-06-29 (WO00/37088)  
[30] EP (98124340.5) 1998-12-21

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[21] **2,356,737**  
[13] A1  
[51] **Int.Cl. 7A61K 38/17 7A61P 15/00 7A61K 39/395**  
[25] EN  
[54] **TUMOR NECROSIS FACTOR ANTAGONISTS AND THEIR USE IN ENDOMETRIOSIS**  
[54] **ANTAGONISTES DE FACTEURS DE NECROSES TUMORALES ET UTILISATION DE CEUX-CI DANS LES CAS D'ENDOMETRIOSE**  
[72] MARTELLI, FABRIZIO, IT  
[72] BORRELLI, FRANCESCO, IT  
[72] D'ANTONIO, MAURO, IT  
[71] APPLIED RESEARCH SYSTEMS ARS HOLDING N.V., AN  
[85] 2001-06-26  
[86] 2000-01-19 (PCT/IB00/00052)  
[87] 2000-07-27 (WO00/43031)  
[30] EP (99101194.1) 1999-01-22

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[13] A1  
[51] **Int.Cl. 7C12N 15/08 7C12P 21/08 7C12N 5/12 7C07K 16/18 7G01N 33/53 7G01N 33/577**  
[25] EN  
[54] **MONOCLONAL ANTIBODY AGAINST APOLIPOPROTEIN A-I**  
[54] **ANTICORPS MONOCLONAL DIRIGE CONTRE L'APOLIPOPROTEINE A-I**  
[72] FUKAMACHI, ISAMU, JP  
[72] MIYAZAKI, OSAMU, JP  
[71] DAIICHI PURE CHEMICALS CO., LTD., JP  
[85] 2001-06-22  
[86] 1999-12-17 (PCT/JP99/07106)  
[87] 2000-06-29 (WO00/37632)  
[30] JP (10/364295) 1998-12-22

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[13] A1  
[51] **Int.Cl. 6A61K 31/045 6A61K 9/08**  
[25] EN  
[54] **IONIC AQUEOUS COMPOSITION CONTAINING LEVOMENTHOL**  
[54] **COMPOSITION AQUEUSE IONIQUE CONTENANT DU LEVOMENTHOL**  
[72] TILLET, YVES THEODORE, FR  
[71] P.N. GEROLYMATOS S.A., GR  
[85] 2001-06-22  
[86] 1999-04-13 (PCT/FR99/00860)  
[87] 1999-10-21 (WO99/52520)  
[30] FR (98/04809) 1998-04-14

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[21] **2,356,746**  
[13] A1

[51] **Int.Cl. 7A61K 7/42 7A61K 7/48**  
[25] EN  
[54] **SUNSCREEN COMPOSITIONS SOLAIRES**  
[72] MOHAMMADI, FATEMEH, US  
[71] UNILEVER PLC, GB  
[85] 2001-06-26  
[86] 1999-10-11 (PCT/EP99/07776)  
[87] 2000-07-13 (WO00/40214)  
[30] US (60/114,199) 1998-12-30

[21] **2,356,747**  
[13] A1

[51] **Int.Cl. 7A61K 31/565 7A61K 31/567**  
[25] EN  
[54] **TRIPHASIC ORAL CONTRACEPTIVE**  
[54] **CONTRACEPTIF ORAL TRIPHASE**  
[72] SHANGOLD, GARY, US  
[72] UPMALIS, DAVID, US  
[72] RUBIN, ARKADY, US  
[71] ORTHO-MCNEIL PHARMACEUTICAL, INC., US  
[85] 2001-06-22  
[86] 1999-12-08 (PCT/US99/29129)  
[87] 2000-07-06 (WO00/38691)  
[30] US (60/113,394) 1998-12-23

[21] **2,356,754**  
[13] A1

[51] **Int.Cl. 7A61F 2/06**  
[25] EN  
[54] **SELF-EXPANDING STENT DELIVERY SYSTEM WITH TWO SHEATHS**  
[54] **SYSTEME DE POSE DE STENT A AUTO-EXPANSION A DEUX GAINES**  
[72] VRBA, ANTHONY C., US  
[72] SOGARD, DAVID J., US  
[71] SCIMED LIFE SYSTEMS, INC., US  
[85] 2001-06-26  
[86] 2000-01-11 (PCT/US00/00598)  
[87] 2000-07-20 (WO00/41525)  
[30] US (09/228,097) 1999-01-11

[21] **2,356,758**  
[13] A1

[51] **Int.Cl. 7A47K 10/36**  
[25] FR  
[54] **DISPOSITIF DE COMMANDE DE SORTIE DE LAME DE COUPE D'UN TAMBOUR DANS UN APPAREIL DISTRIBUTEUR DE MATERIAU D'ESSUYAGE**  
[54] **OUTPUT CONTROL DEVICE FOR THE CUTTING BLADE OF A DRUM IN A WIPING MATERIAL DISPENSER**  
[72] GRANGER, MAURICE, FR  
[71] GRANGER, MAURICE, FR  
[85] 2001-06-26  
[86] 1999-12-14 (PCT/FR99/03118)  
[87] 2000-07-13 (WO00/40132)  
[30] FR (98/16775) 1998-12-31

[21] **2,356,759**  
[13] A1

[51] **Int.Cl. 7C09D 5/16 7C08F 8/00**  
[25] FR  
[54] **PROCEDE DE FABRICATION D'UNE COMPOSITION ORGANOSOLUBLE DE RESINE (METH)ACRYLIQUE, ET UTILISATION DE CETTE COMPOSITION COMME LIANT DES PEINTURES MARINES ANTISALISSURES**  
[54] **METHOD FOR MAKING AN ORGANO-SOLUBLE (METH)ACRYLIC RESIN COMPOSITION, AND USE OF SAME AS BINDING AGENT FOR ANTIFOULING MARINE PAINTS**  
[72] RIONDEL, ALAIN, FR  
[72] HUMBERT, MARIE, FR  
[72] JOUANDON, ERIC, FR  
[72] MARGAILLAN, ANDRE, FR  
[72] VERNET, JEAN-LOUIS, FR  
[72] CAMAIL, MICHEL, FR  
[71] ELF ATOCHEM S.A., FR  
[85] 2001-06-22  
[86] 1999-12-21 (PCT/FR99/03227)  
[87] 2000-07-06 (WO00/39225)  
[30] FR (98/16365) 1998-12-23

[21] **2,356,762**  
[13] A1

[51] **Int.Cl. 7E03B 7/12 7G05D 23/19**  
[25] EN  
[54] **DEVICE FOR HEATING A TAP**  
[54] **DISPOSITIF PERMETTANT DE CHAUFFER UN ROBINET EXTERIEUR**  
[72] KINDERMANN, PETER, DE  
[71] KINDERMANN, PETER, DE  
[85] 2001-06-26  
[86] 1999-12-22 (PCT/DE99/04091)  
[87] 2000-07-06 (WO00/39409)  
[30] DE (298 22 634.0) 1998-12-24  
[30] DE (299 10 715.9) 1999-06-18

[21] **2,356,763**  
[13] A1

[51] **Int.Cl. 7G06F 12/00 7G06F 13/00 7G06F 12/14**  
[25] EN  
[54] **CONTENT PROVIDER SYSTEM**  
[54] **SYSTEME FOURNISSEUR DE CONTENU**  
[72] SATO, ICHIRO, JP  
[72] EZURA, YUICHI, JP  
[72] ISHIGURO, RYUJI, JP  
[72] EBIHARA, MUNETAKE, JP  
[72] TANABE, MITSURU, JP  
[72] KAWAKAMI, ITARU, JP  
[71] SONY CORPORATION, JP  
[85] 2001-06-26  
[86] 2000-10-25 (PCT/JP00/07475)  
[87] 2001-05-03 (WO01/31452)  
[30] JP (11/303138) 1999-10-25

[21] **2,356,773**  
[13] A1

[51] **Int.Cl. 7B01J 13/06**  
[25] FR  
[54] **COMPOSITION COMPRENANT UNE ECORCE INORGANIQUE ET UN NOYAU COMPORTANT AU MOINS UN COMPOSE POLYHYDROXYLE**  
[54] **COMPOSITION COMPRISING AN INORGANIC COATING AND A CORE COMPRISING AT LEAST A POLYHYDROXYL COMPOUND**  
[72] VASLIN, SOPHIE, FR  
[72] NEVEU, SYLVAIN, FR  
[72] JOUBERT, DANIEL, FR  
[71] RHODIA CHIMIE, FR  
[85] 2001-06-22  
[86] 1999-12-21 (PCT/FR99/03230)  
[87] 2000-07-06 (WO00/38829)  
[30] FR (98/16371) 1998-12-23



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<p style="text-align: center;">[21] <b>2,356,774</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61M 1/16 7B01F 3/08</b> [25] FR [54] <b>PROCEDE ET DISPOSITIF DE PREPARATION D'UN LIQUIDE MEDICAL</b> [54] <b>METHOD AND DEVICE FOR PREPARING A MEDICAL FLUID</b> [72] PAOLINI, FRANCESCO, IT [72] BOSETTO, ANTONIO, IT [71] HOSPAL AG, CH [85] 2001-06-22 [86] 2000-11-02 (PCT/IB00/01588) [87] 2001-05-10 (WO01/32237) [30] IT (TO99A000948) 1999-11-02</p>	<p style="text-align: center;">[21] <b>2,356,776</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 41/00</b> [25] EN [54] <b>TRANSCUTANEOUS PHOTODYNAMIC TREATMENT OF TARGETED CELLS</b> [54] <b>TRAITEMENT PHOTODYNAMIQUE TRANSCUTANE DE CELLULES CIBLES</b> [72] CHEN, JAMES, US [71] LIGHT SCIENCES CORPORATION, US [85] 2001-06-26 [86] 2000-01-14 (PCT/US00/00944) [87] 2000-07-20 (WO00/41727) [30] US (60/116,234) 1999-01-15 [30] US (09/271,575) 1999-03-18</p>	<p style="text-align: center;">[21] <b>2,356,814</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E05F 11/04 7E05F 15/12</b> [25] EN [54] <b>A WINDOW OPENING AND CLOSING DEVICE</b> [54] <b>DISPOSITIF D'OUVERTURE ET DE FERMETURE DE FENETRE</b> [72] DAVIS, RONALD PERCIVAL, NZ [71] DAVIS, RONALD PERCIVAL, NZ [85] 2001-06-19 [86] 1999-12-17 (PCT/NZ99/00220) [87] 2000-06-29 (WO00/37760) [30] NZ (330757) 1998-12-19</p>
<p style="text-align: center;">[21] <b>2,356,775</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C09C 1/02 7C09C 3/06</b> [25] FR [54] <b>NOUVELLE CHARGE OU PIGMENT OU MINERAL TRAITÉ POUR PAPIER, NOTAMMENT PIGMENT CONTENANT DU CACO3 NATUREL, SON PROCEDE DE FABRICATION, COMPOSITIONS LES CONTENANT, ET LEURS APPLICATIONS</b> [54] <b>NOVEL TREATED FILLER OR PIGMENT OR MINERAL FOR PAPER, IN PARTICULAR PIGMENT CONTAINING NATURAL CACO3, METHOD FOR MAKING SAME, COMPOSITIONS CONTAINING THEM AND USES</b> [72] KARTH, BEAT, CH [72] BLUM, RENE VINZENZ, CH [72] BURI, MATTHIAS, CH [72] GANE, PATRICK A. C., CH [71] PLUSS-STAUFER AG, CH [85] 2001-06-22 [86] 1999-12-24 (PCT/IB99/02049) [87] 2000-07-06 (WO00/39222) [30] FR (98/16596) 1998-12-24</p>	<p style="text-align: center;">[21] <b>2,356,777</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07K 5/033 7A61P 35/00 7A61K 38/06 7A61K 38/07 7C07K 5/087 7A61K 38/18 7G01N 33/68</b> [25] FR [54] <b>COMPOSES PSEUDOPEPTIDIQUES DOTES D'UNE ACTIVITE INHIBITRICE A L'EGARD DES VOIES ACTIVEES PAR LES PROTEINES A ACTIVITE TYROSINE KINASE ET LES COMPOSITIONS PHARMACEUTIQUES LES CONTENANT</b> [54] <b>PSEUDOPEPTIDE COMPOUNDS HAVING AN INHIBITING ACTIVITY WITH RESPECT TO PATHS ACTIVATED BY PROTEINS WITH ACTIVE TYROSINE KINASE ACTIVITY AND PHARMACEUTICAL COMPOSITIONS CONTAINING SAME</b> [72] LIU, WANG-QING, FR [72] GARBAY, CHRISTIANE, FR [72] ROQUES, BERNARD P., FR [72] VIDAL, MICHEL, FR [71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS, FR [71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR [85] 2001-06-22 [86] 1999-12-24 (PCT/FR99/03289) [87] 2000-07-06 (WO00/39153) [30] FR (98/16459) 1998-12-24</p>	<p style="text-align: center;">[21] <b>2,356,816</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07C 255/30 7A61P 35/04 7C12N 9/12 7A61K 31/275 7A61K 31/33 7G06F 17/50</b> [25] EN [54] <b>INHIBITORS OF THE EGF-RECEPTOR TYROSINE KINASE AND THEIR USE</b> [54] <b>INHIBITEURS DE LA TYROSINE KINASE DU RECEPTEUR DE L'EGF ET LEURS UTILISATIONS</b> [72] UCKUN, FATIH M., US [72] ZHENG, YAGUO, US [72] GHOSH, SUTAPA, US [71] PARKER HUGHES INSTITUTE, US [85] 2001-06-21 [86] 2000-03-16 (PCT/US00/06807) [87] 2000-09-28 (WO00/56703) [30] US (09/273,002) 1999-03-19</p>
		<p style="text-align: center;">[21] <b>2,356,817</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07F 9/50 7B01J 31/24</b> [25] FR [54] <b>PREPARATION DE COMPOSES ORGANOPHOSPHORES SULFONES HYDROSOLUBLES</b> [54] <b>METHOD FOR PREPARING WATER-SOLUBLE SULPHONATED ORGANOPHOSPHOROUS COMPOUNDS</b> [72] AOUNI, LARBI, FR [72] HUSER, MARC, FR [72] COQUERET, PIERRE, FR [72] BURATTIN, PAOLO, FR [71] RHODIA POLYAMIDE INTERMEDIATES, FR [85] 2001-06-21 [86] 1999-12-21 (PCT/FR99/03234) [87] 2000-07-06 (WO00/39134) [30] FR (9816586) 1998-12-23</p>

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[21] **2,356,818**  
[13] A1

[51] **Int.Cl. 7A01N 37/50 7A01N 57/12 7A01N 59/26**  
[25] FR  
[54] **COMPOSITION FONGICIDE SYNERGIQUE COMPRENANT UN COMPOSE ANALOGUE DE LA STROBILURINE**  
[54] **SYNERGIC FUNGICIDE COMPOSITION COMPRISING A COMPOUND ANALOGUE OF STROBILURIN**  
[72] DUVERT, PATRICE, FR  
[71] AVENTIS CROPS SCIENCE S.A., FR  
[85] 2001-06-21  
[86] 1999-12-22 (PCT/FR99/03249)  
[87] 2000-06-29 (WO00/36916)  
[30] FR (98/16466) 1998-12-22

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[21] **2,356,819**  
[13] A1

[51] **Int.Cl. 7E01D 19/16 7D07B 1/16**  
[25] FR  
[54] **DISPOSITIF ET PROCEDE DE FIXATION ENTRE UN ELEMENT DE CONSTRUCTION ET UN CABLE DE STRUCTURE**  
[54] **FIXING DEVICE AND METHOD BETWEEN A STRUCTURAL ELEMENT AND A SUSPENSION CABLE**  
[72] STUBLER, JEROME, FR  
[72] LADRET, PATRICK, FR  
[72] MCCLENAHAN, MICHEL ROBERT CRAWFORD, FR  
[72] ZIVANOVIC, IVICA, FR  
[71] FREYSSINET INTERNATIONAL (STUP), FR  
[85] 2001-06-21  
[86] 1999-12-20 (PCT/FR99/03200)  
[87] 2000-07-06 (WO00/39401)  
[30] FR (98/16448) 1998-12-24  
[30] EP (99401563.4) 1999-06-23

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[21] **2,356,832**  
[13] A1

[51] **Int.Cl. 7C09D 11/00 7C08G 65/22 7C08G 59/68**  
[25] EN  
[54] **RADIATION CURABLE WATER BASED CATIONIC INKS AND COATINGS**  
[54] **ENCRE ET REVETEMENTS CATIONIQUES A L'EAU, DURCISSANT SOUS L'EFFET DE RAYONNEMENTS**  
[72] LAKSIN, MIKHAIL, US  
[72] TURGIS, JEAN DOMINIQUE, US  
[72] CHATTERJEE, SUBHANKAR, US  
[72] ROSE, BRUCE, US  
[72] YONEHARA, HISATOMO, JP  
[72] LEE, SEUNG-TAEG, JP  
[71] SUN CHEMICAL CORPORATION, US  
[85] 2001-06-11  
[86] 1999-12-13 (PCT/US99/29569)  
[87] 2000-06-15 (WO00/34400)  
[30] US (09/209,227) 1998-12-11

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[21] **2,356,833**  
[13] A1

[51] **Int.Cl. 7D06F 57/04 7F16G 11/14**  
[25] EN  
[54] **FIXING ELEMENT FOR LINES, IN PARTICULAR FOR A ROTARY AIRER**  
[54] **ELEMENT DE FIXATION DE LIGNES CONVENANT EN PARTICULIER POUR UN ETENDOIR ROTATIF**  
[72] VERBEEK, ANTONIUS JOHANNES, NL  
[72] SMEETS, SVEN HUBERTUS JOHANNES, NL  
[71] BRABANTIA NEDERLAND B.V., NL  
[85] 2001-06-11  
[86] 2000-10-11 (PCT/NL00/00730)  
[87] 2001-04-19 (WO01/27378)  
[30] NL (1013262) 1999-10-11

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[21] **2,356,835**  
[13] A1

[51] **Int.Cl. 7B08B 15/02 7G01B 7/00 7G01B 7/14 7G01D 5/252**  
[25] EN  
[54] **SASH SENSOR AND METHOD OF SENSING A SASH USING AN ARRAY OF MULTIPLEXED ELEMENTS**  
[54] **CAPTEUR DE VOLET A GUILLOTINE ET PROCEDE DE DETECTION DE VOLET A GUILLOTINE DANS LEQUEL UN GROUPE D'ELEMENTS MULTIPLEXES EST UTILISE**  
[72] GAUL, STEVEN J., US  
[72] DESROCHERS, ERIC M., US  
[72] WINTERS, HERBERT A., US  
[71] PHOENIX CONTROLS CORPORATION, US  
[85] 2001-06-11  
[86] 1999-10-22 (PCT/US99/24749)  
[87] 2000-06-15 (WO00/33983)  
[30] US (09/208,687) 1998-12-10

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[21] **2,356,839**  
[13] A1

[51] **Int.Cl. 7H04Q 7/38**  
[25] EN  
[54] **CONFIGURABLE COMMUNICATION SYSTEM HAVING IP-BASED CAPABILITIES**  
[54] **SYSTEME DE COMMUNICATION CONFIGURABLE A POSSIBILITES BASEES SUR LE PROTOCOLE INTERNET (IP)**  
[72] RAY, SUBHANKAR, US  
[72] VALENTINE, ERIC, US  
[71] ERICSSON INC., US  
[85] 2001-06-22  
[86] 1999-12-21 (PCT/US99/30569)  
[87] 2000-07-06 (WO00/40053)  
[30] US (09/221,303) 1998-12-23

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[21] **2,356,841**  
[13] A1

[51] **Int.Cl. 6C07D 207/08 6C07D 335/02 6C07D 333/16 6C07D 211/20 6C07D 333/32 6A61K 31/38 6A61K 31/40 6A61K 31/445**  
[25] EN  
[54] **SUBSTITUTED NITROGEN AND SULFUR ALICYCLIC COMPOUNDS, INCLUDING METHODS FOR SYNTHESIS THEREOF**  
[54] **COMPOSES ALICYCLIQUES SUBSTITUES A BASE D'AZOTE ET DE SOUFRE ET METHODES DE SYNTHESE DESDITS COMPOSES**  
[72] GURJAR, MUKUND KESHAO, IN  
[72] RAO, BATCHU VENKATESWARA, IN  
[72] KRISHNA, PALAKODETY RADHA, IN  
[72] KRISHNA, LEVADALA MURALI, IN  
[72] CHORGHADDE, MUKUND SHANKAR, US  
[72] ISLAM, AMINUL, IN  
[72] HARIPRASAD, CHITTINENI, IN  
[72] RAO, ALLA VENKATA RANA, IN  
[72] SADALAPURE, KASHINATH, IN  
[72] TALUKDAR, ARINDAM, IN  
[72] LALITHA, SISTA VENKATA SAI, US  
[72] MURUGAIAH, ANDAPPAN MURUGAIAH SUBBAIAH, IN  
[72] ADHIKARI, SUSANTA SEKHAR, IN  
[71] MILLENNIUM PHARMACEUTICALS, INC., US  
[85] 2001-01-02  
[86] 1999-07-02 (PCT/US99/15050)  
[87] 2000-01-13 (WO00/01670)  
[30] US (60/091,710) 1998-07-03

[21] **2,356,842**  
[13] A1

[51] **Int.Cl. 7A01N 25/30 7C05G 3/06 7A01N 57/20**  
[25] EN  
[54] **USE OF A QUATERNARY AMMONIUM GLYCOSIDE SURFACTANT AS AN ADJUVANT FOR FERTILIZERS OR PESTICIDES**  
[54] **UTILISATION D'UN TENSIOACTIF A BASE DE GLYCOSIDE ET D'AMMONIUM QUATERNAIRE EN TANT QU'ADJUVANT DANS DES ENGRAIS OU PESTICIDES**  
[72] GUSTAVSSON, BODIL, SE  
[71] AKZO NOBEL N.V., NL  
[85] 2001-06-28  
[86] 2000-02-10 (PCT/SE00/00261)  
[87] 2000-08-31 (WO00/49870)  
[30] SE (9900638-9) 1999-02-24

[21] **2,356,844**  
[13] A1

[51] **Int.Cl. 7A01G 25/02 7B05B 15/00 7B29C 53/00**  
[25] EN  
[54] **DRIP IRRIGATION HOSE WITH EMITTERS HAVING DIFFERENT DISCHARGE RATES**  
[54] **TUYAU D'IRRIGATION AU GOUTTE A GOUTTE AVEC EMETTEURS A DEBITS MULTIPLES**  
[72] HUNTLEY, MARK, US  
[71] T-SYSTEMS INTERNATIONAL, INC., US  
[85] 2001-06-26  
[86] 1999-11-19 (PCT/US99/27488)  
[87] 2000-06-02 (WO00/30433)  
[30] US (60/109,667) 1998-11-20

[21] **2,356,845**  
[13] A1

[51] **Int.Cl. 7C07K 5/12 7A61P 35/00 7C07K 5/027 7C12P 21/04 7A61K 38/15**  
[25] EN  
[54] **NOVEL DEPSIPEPTIDE COMPOUND**  
[54] **NOUVEAU COMPOSE A BASE DE DEPSIPEPTIDE**  
[72] ARAO, NAKAKO, JP  
[72] KAMIGIRI, KAZUMA, JP  
[72] SOHDA, KIN-YA, JP  
[72] SHINDO, NOBUAKI, JP  
[72] NAGAI, KOJI, JP  
[72] SETO, HARUO, JP  
[72] SHIN-YA, KAZUO, JP  
[72] MORI, MASAMICHI, JP  
[71] YAMANOUCHI PHARMACEUTICAL CO., LTD., JP  
[85] 2001-06-27  
[86] 2000-01-12 (PCT/JP00/00110)  
[87] 2000-07-20 (WO00/42062)  
[30] JP (11-007040) 1999-01-13

[21] **2,356,847**  
[13] A1

[51] **Int.Cl. 7B60R 1/00**  
[25] EN  
[54] **VEHICLE REARVIEW SYSTEM WITH ELECTROCHROME MIRROR**  
[54] **SYSTEME DE RETROVISEUR DE VEHICULE POURVU D'UN MIROIR ELECTROCHROME**  
[72] HEINZ, JURGEN A., DE  
[71] MAGNA REFLEX HOLDING GMBH, DE  
[85] 2001-05-28  
[86] 1999-12-23 (PCT/EP99/10354)  
[87] 2000-07-06 (WO00/38950)  
[30] DE (198 60 941.8) 1998-12-29

[21] **2,356,848**  
[13] A1

[51] **Int.Cl. 7B63B 43/18 7B63B 3/20 7E04C 2/34 7B63B 3/62**  
[25] EN  
[54] **COLLISION-RESISTANT DOUBLE-SKIN STRUCTURE**  
[54] **STRUCTURE A DOUBLE REVETEMENT RESISTANT AUX CHOCS**  
[72] LUDOLPHIJ, JOHANNES WILHELMUS LUBERTUS, NL  
[71] SCHELDE MARITIEM B.V., NL  
[85] 2001-06-11  
[86] 1999-12-10 (PCT/NL99/00757)  
[87] 2000-06-22 (WO00/35746)  
[30] NL (1010794) 1998-12-11

[21] **2,356,849**  
[13] A1

[51] **Int.Cl. 7A61L 15/60 7A61L 15/28**  
[25] EN  
[54] **ACIDIC SUPERABSORBENT POLYSACCHARIDES**  
[54] **POLYSACCHARIDES SUPERABSORBANTS ACIDES**  
[72] VERWILLIGEN, ANNE-MIEKE YVONNE WILHELMINA, NL  
[72] KALENTUIN, PIA, SE  
[72] BESEMER, ARIE CORNELIS, NL  
[72] BEMPORAD, LUCA, SE  
[72] VAN BRUSSEL-VERRAEST, DORINE LISA, NL  
[72] SCHRAVEN, BAS, NL  
[72] THIEWES, HARM JAN, NL  
[72] THORNTON, JEFFREY WILSON, NL  
[71] SCA HYGIENE PRODUCTS ZEIST B.V., NL  
[85] 2001-06-11  
[86] 1999-12-16 (PCT/NL99/00776)  
[87] 2000-06-22 (WO00/35504)  
[30] EP (98204273.1) 1998-12-16  
[30] EP (99201286.4) 1999-04-23  
[30] EP (99201915.8) 1999-06-15

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[21] **2,356,850**  
[13] A1

[51] **Int.Cl. 7A61K 31/438 7A61P 17/16 7C07D 497/20**  
[25] EN  
[54] **DRY SKIN REMEDIES**  
[54] **MEDICAMENTS POUR PEAUX SECHES**  
[72] HAYASHI, KEIJI, JP  
[72] ARISAWA, HIROHIKO, JP  
[72] MASUNAGA, HIROAKI, JP  
[71] SNOW BRAND MILK PRODUCTS CO., LTD., JP  
[85] 2001-06-27  
[86] 2000-01-13 (PCT/JP00/00120)  
[87] 2000-07-20 (WO00/41691)  
[30] JP (008238/1999) 1999-01-14

[21] **2,356,851**  
[13] A1

[51] **Int.Cl. 7H01B 3/44 7C08L 23/16**  
[25] EN  
[54] **CABLES WITH A RECYCLABLE COATING**  
[54] **CABLES A ENROBAGE RECYCLABLE**  
[72] ALBIZZATI, ENRICO, IT  
[72] SCENZA, CRISTIANA, IT  
[72] CASTELLANI, LUCA, IT  
[71] PIRELLI CAVI E SISTEMI S.P.A., IT  
[85] 2001-06-27  
[86] 1999-12-21 (PCT/EP99/10296)  
[87] 2000-07-13 (WO00/41187)  
[30] EP (98830800.3) 1998-12-30  
[30] US (60/118,804) 1999-02-04

[21] **2,356,852**  
[13] A1

[51] **Int.Cl. 7G01N 35/02 7G01N 35/10**  
[25] EN  
[54] **APPARATUS AND METHOD FOR CONCURRENT CHEMICAL SYNTHESIS**  
[54] **APPAREIL ET PROCEDE DE SYNTHESE CHIMIQUE EN PARALLELE**  
[72] HEYNEKER, HERBERT L., US  
[72] HA, KIM D., US  
[72] STEINMILLER, DAVID K., US  
[72] SIMONYI, VICTOR, US  
[71] EOS BIOTECHNOLOGY, INC., US  
[85] 2001-06-20  
[86] 1999-12-17 (PCT/US99/30179)  
[87] 2000-06-29 (WO00/37945)  
[30] US (60/113,571) 1998-12-22  
[30] US (09/315,363) 1999-05-18

[21] **2,356,854**  
[13] A1

[51] **Int.Cl. 7H01Q 21/06 7H01Q 23/00 7H01Q 3/26**  
[25] EN  
[54] **PHASED ARRAY ANTENNA AND METHOD OF MANUFACTURING THE SAME**  
[54] **ANTENNE EN RESEAU A ELEMENTS EN PHASE ET PROCEDE DE FABRICATION**  
[72] MARUMOTO, TSUNEHISA, JP  
[72] IWATA, RYUICHI, JP  
[72] ARA, YOUICHI, JP  
[72] SUZUKI, KENICHIRO, JP  
[72] KUSAMITU, HIDEKI, JP  
[71] NEC CORPORATION, JP  
[85] 2001-06-21  
[86] 1999-11-22 (PCT/JP99/06515)  
[87] 2000-07-06 (WO00/39892)  
[30] JP (10/368151) 1998-12-24

[21] **2,356,855**  
[13] A1

[51] **Int.Cl. 7C07C 311/29**  
[25] EN  
[54] **ACETYLENIC ARYL SULFONAMIDE AND PHOSPHINIC ACID AMIDE HYDROXAMIC ACID TACE INHIBITORS**  
[54] **INHIBITEURS D'ENZYME TACE D'ACIDE HYDROXAMIQUE D'ARYLSULFONAMIDE ACETYLENIQUE ET D'AMIDE ACIDE PHOSPHINIQUE**  
[72] CHEN, JAMES MING, US  
[72] LEVIN, JEREMY IAN, US  
[71] AMERICAN CYANAMID COMPANY, US  
[85] 2001-06-27  
[86] 2000-01-27 (PCT/US00/02076)  
[87] 2000-08-03 (WO00/44710)  
[30] US (09/239,070) 1999-01-27

[21] **2,356,856**  
[13] A1

[51] **Int.Cl. 7G01K 7/18**  
[25] EN  
[54] **PLATINUM TEMPERATURE SENSOR AND METHOD FOR PRODUCING SAME**  
[54] **THERMOMETRE A RESISTANCE DE PLATINE ET SON PROCEDE DE PRODUCTION**  
[72] ZITZMANN, HEINRICH, DE  
[71] SENSOTHERM TEMPERATURSENSORIK GMBH, DE  
[85] 2001-06-27  
[86] 2000-01-12 (PCT/EP00/00179)  
[87] 2000-07-20 (WO00/42403)  
[30] DE (199 01 183.4) 1999-01-14

[21] **2,356,857**  
[13] A1

[51] **Int.Cl. 7G01N 33/53**  
[25] EN  
[54] **CONTAINER FOR IMMUNOLOGIC ASSAY**  
[54] **RECEPTACLE POUR ESSAIS IMMUNOLOGIQUES**  
[72] TANAKA, HAYAO, JP  
[71] SUMITOMO BAKELITE CO., LTD., JP  
[85] 2001-06-20  
[86] 1999-10-28 (PCT/JP99/05979)  
[87] 2000-07-06 (WO00/39582)  
[30] JP (10/367404) 1998-12-24  
[30] JP (11/56253) 1999-03-03  
[30] JP (11/212096) 1999-07-27

[21] **2,356,858**  
[13] A1

[51] **Int.Cl. 7G11B 3/70 7G11B 7/00 7G11B 5/09 7G11B 5/76**  
[25] EN  
[54] **METHOD AND APPARATUS FOR READING AND WRITING A MULTILEVEL SIGNAL FROM AN OPTICAL DISC**  
[54] **PROCEDE ET APPAREIL DE LECTURE ET D'ECRITURE D'UN SIGNAL MULTI-NIVEAU SUR ET A PARTIR D'UN DISQUE OPTIQUE**  
[72] CAMPBELL, KENNETH C., US  
[72] SPIELMAN, STEVEN R., US  
[72] ZINGMAN, JONATHAN A., US  
[72] WONG, TERRY, US  
[71] CALIMETRICS, INC., US  
[85] 2001-06-27  
[86] 2000-02-08 (PCT/US00/03271)  
[87] 2000-08-24 (WO00/49603)  
[30] US (09/253,808) 1999-02-18

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[21] **2,356,859**  
[13] A1

[51] **Int.Cl. 7F16L 11/11**  
[25] EN  
[54] **A PTFE TUBE**  
[54] **TUBE EN PTFE**  
[72] WHITWORTH, ANDREW JOHN, GB  
[71] HOLLINGWORTH, HELEN, GB  
[71] LOCKWOOD, MAURA, GB  
[71] WHITWORTH, ANDREW JOHN, GB  
[71] WHITWORTH, DOROTHY, GB  
[85] 2001-06-26  
[86] 1999-12-24 (PCT/GB99/04425)  
[87] 2000-07-06 (WO00/39494)  
[30] GB (9828467.2) 1998-12-24  
[30] GB (9927418.5) 1999-11-22

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[21] **2,356,860**  
[13] A1

[51] **Int.Cl. 7A61K 9/00**  
[25] EN  
[54] **OSMOTIC DELIVERY SYSTEM HAVING SPACE EFFICIENT PISTON**  
[54] **SYSTEME DE DISTRIBUTION OSMOTIQUE A PISTON UTILISANT EFFICACEMENT L'ESPACE ENVIRONNANT**  
[72] ECKENHOFF, BONNIE J., US  
[72] THEEUWES, FELIX, US  
[71] ALZA CORPORATION, US  
[85] 2001-06-28  
[86] 1999-12-21 (PCT/US99/30783)  
[87] 2000-07-13 (WO00/40218)  
[30] US (60/114,548) 1998-12-31

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[21] **2,356,862**  
[13] A1

[51] **Int.Cl. 7H04L 29/06 7H04L 12/46**  
[25] EN  
[54] **MOBILE TERMINATING L2TP USING MOBILE IP DATA**  
[54] **DONNEES IP MOBILES UTILISANT LE PROTOCOLE TUNNEL COUCHE 2 DE TERMINAISON MOBILE**  
[72] COMSTOCK, DAVID, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-06-27  
[86] 1999-12-14 (PCT/SE99/02350)  
[87] 2000-07-13 (WO00/41375)  
[30] US (09/223,187) 1998-12-30

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[21] **2,356,863**  
[13] A1

[51] **Int.Cl. 7G01M 17/02**  
[25] EN  
[54] **HAND HELD PROBE FOR MEASURING TIRE TREAD WEAR**  
[54] **SONDE A MAIN POUR MESURER L'USURE DE LA BANDE DE ROULEMENT D'UN PNEU**  
[72] RADCLYFFE, NICHOLAS J., GB  
[72] REEVES, EDWIN H., US  
[72] TRACY, ROGER H., US  
[72] LONGDEN, ROBERT MARK, GB  
[71] IMAGEMAP, INC., US  
[85] 2001-06-26  
[86] 2000-01-14 (PCT/US00/00989)  
[87] 2000-07-20 (WO00/42409)  
[30] US (60/115,915) 1999-01-14

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[21] **2,356,864**  
[13] A1

[51] **Int.Cl. 7B29B 9/16 7B01F 5/20 7B29B 7/94**  
[25] EN  
[54] **METHOD AND APPARATUS FOR INTRODUCING IN CONTINUOUS A SUBSTANCE IN LIQUID PHASE INTO PLASTICS GRANULES**  
[54] **PROCEDE ET APPAREIL D'INTRODUCTION EN CONTINU D'UNE SUBSTANCE EN PHASE LIQUIDE DANS DES GRANULES DE PLASTIQUE**  
[72] COLOMBO, GIUSEPPE, IT  
[72] FOLCINI, PIERLUIGI, IT  
[72] POZZATI, GIOVANNI, IT  
[72] DEL BRENNA, MARCELLO, AU  
[71] PIRELLI CAVI E SISTEMI S.P.A., IT  
[85] 2001-06-27  
[86] 1999-12-20 (PCT/EP99/10258)  
[87] 2000-07-06 (WO00/38895)  
[30] EP (98204456.2) 1998-12-29  
[30] US (60/114,534) 1998-12-31

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[21] **2,356,865**  
[13] A1

[51] **Int.Cl. 7A01J 5/017**  
[25] EN  
[54] **METHOD AND DEVICE FOR POSITIONING TEAT CUPS ON A MILKING ANIMAL**  
[54] **PROCEDE ET DISPOSITIF DE MISE EN PLACE DE GOBELETS DE TRAYEUSE SUR UN ANIMAL EN LACTATION**  
[72] NILSSON, MATS, SE  
[71] DELAVAL HOLDING AB, SE  
[85] 2001-06-26  
[86] 2000-01-13 (PCT/SE00/00049)  
[87] 2000-07-20 (WO00/41559)  
[30] SE (9900110-9) 1999-01-15

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[21] **2,356,866**  
[13] A1

[51] **Int.Cl. 7H04Q 7/22 7H04L 29/06 7H04L 29/12**  
[25] EN  
[54] **SYSTEM AND METHOD FOR PROVIDING MOBILE TERMINATING CALLS TO A ROAMING MOBILE STATION WITHIN AN H.323 SYSTEM**  
[54] **SYSTEME ET PROCEDE D'APPLICATION DE TRANSPARENCE DE SERVICE POUR DES APPELS A DESTINATION D'UNE STATION MOBILE DANS UN SYSTEME H.323**  
[72] PATEL, MAHESH, US  
[72] MUKHERJEE, SUBRATA, US  
[71] ERICSSON INC., US  
[85] 2001-06-26  
[86] 1999-12-27 (PCT/US99/30922)  
[87] 2000-07-06 (WO00/40044)  
[30] US (09/223,205) 1998-12-30

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[21] **2,356,867**  
[13] A1

[51] **Int.Cl. 7G01N 33/53 7C12M 1/34 7G01N 33/569**  
[25] EN  
[54] **SYSTEM FOR IDENTIFYING MICROORGANISM**  
[54] **SYSTEME D'IDENTIFICATION DE MICRO-ORGANISMES**  
[72] SHIBA, KIYOKO, JP  
[71] KABUSHIKI KAISYA ADVANCE, JP  
[85] 2001-06-27  
[86] 1999-12-28 (PCT/JP99/07427)  
[87] 2000-07-06 (WO00/39583)  
[30] JP (10-372679) 1998-12-28

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[21] **2,356,868**  
[13] A1  
[51] **Int.Cl. 7H01L 23/48 7H01L 23/52 7H01L 23/538**  
[25] EN  
[54] **SEMICONDUCTOR DEVICE WITH DEEP SUBSTRATE CONTACTS**  
[54] **DISPOSITIF SEMI-CONDUCTEUR A CONTACTS PROFONDS DANS LE SUBSTRAT**  
[72] RYDIN, ARNE, SE  
[72] JOHANSSON, TED, SE  
[72] NYSTROM, CHRISTIAN, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE  
[85] 2001-06-26  
[86] 2000-02-02 (PCT/SE00/00207)  
[87] 2000-08-17 (WO00/48248)  
[30] SE (9900446-7) 1999-02-10

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[21] **2,356,869**  
[13] A1  
[51] **Int.Cl. 7H03M 7/40**  
[25] EN  
[54] **METHOD AND DEVICES FOR CODING OR DECODING AN AUDIO SIGNAL OR BIT STREAM**  
[54] **PROCEDE ET DISPOSITIFS POUR LE CODAGE OU LE DECODAGE D'UN SIGNAL AUDIO OU D'UN TRAIN DE BITS**  
[72] SPERSCHNEIDER, RALPH, DE  
[72] LAUBER, PIERRE, DE  
[72] NOWBAKHT-IRANI, ALI, DE  
[72] BITTO, ROLAND, DE  
[72] DIETZ, MARTIN, DE  
[72] GERHAUSER, HEINZ, DE  
[72] EHRET, ANDREAS, DE  
[72] BRANDENBURG, KARLHEINZ, DE  
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE  
[85] 2001-06-27  
[86] 1998-12-28 (PCT/EP98/08475)  
[87] 2000-07-06 (WO00/39933)

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[21] **2,356,870**  
[13] A1  
[51] **Int.Cl. 7H01B 7/295 7C09K 21/02**  
[25] EN  
[54] **PROCESS FOR PRODUCING SELF-EXTINGUISHING CABLES WITH LOW-LEVEL PRODUCTION OF FUMES, AND FLAME-RETARDANT COMPOSITIONS USED THEREIN**  
[54] **PROCEDE DE PRODUCTION DE CABLES AUTO-EXTINGUIBLES DEGAGEANT PEU DE FUMEES, ET IGNIFUGES A CET EFFET**  
[72] ALBIZZATI, ENRICO, IT  
[72] LIBOI, PAOLO, IT  
[72] PERUZZOTTI, FRANCO, IT  
[72] TIRELLI, DIEGO, IT  
[71] PIRELLI CAVI E SISTEMI S.P.A., IT  
[85] 2001-06-26  
[86] 1999-12-20 (PCT/EP99/10131)  
[87] 2000-07-06 (WO00/39810)  
[30] EP (98124648.1) 1998-12-24  
[30] US (60/115,593) 1999-12-01

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[21] **2,356,871**  
[13] A1  
[51] **Int.Cl. 7C07D 233/54**  
[25] EN  
[54] **SYNTHESIS OF HISTAMINE DIHYDROCHLORIDE**  
[54] **SYNTHESE DE DIHYDROCHLORURE D'HISTAMINE**  
[72] ROTH, MICHAEL JOSEPH, CA  
[72] WRONA, MARK, CA  
[72] ANTCZAK, CASIMIR, CA  
[72] MCGOLRICK, JEFFRY DAVID, CA  
[72] YEH, WEN-LUNG, CA  
[71] MAXIM PHARMACEUTICALS, INC., US  
[85] 2001-06-21  
[86] 1999-12-20 (PCT/US99/30379)  
[87] 2000-07-06 (WO00/39098)  
[30] US (60/113,933) 1998-12-23

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[21] **2,356,872**  
[13] A1  
[51] **Int.Cl. 6H04N 7/14**  
[25] EN  
[54] **VIDEOCONFERENCING METHOD AND SYSTEM FOR CONNECTING A HOST WITH A PLURALITY OF PARTICIPANTS**  
[54] **PROCEDE ET SYSTEME DE VIDEOCONFERENCE POUR LA MISE EN LIAISON D'UN HOTE AVEC PLUSIEURS PARTICIPANTS**  
[72] LAMAR, GEORGE THOMAS, US  
[72] MELTON, RICHARD LEE, US  
[72] FORKNER, TERRY RAY, US  
[71] AMERITECH CORPORATION, US  
[85] 2001-06-27  
[86] 1999-12-03 (PCT/US99/28708)  
[87] 2000-07-06 (WO00/40024)  
[30] US (09/222,592) 1998-12-28

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[21] **2,356,873**  
[13] A1  
[51] **Int.Cl. 7C12Q 1/68**  
[25] EN  
[54] **METHOD FOR DETERMINING THERAPEUTIC INDEX FROM GENE EXPRESSION PROFILES**  
[54] **PROCEDE DE DETERMINATION D'UN INDICE THERAPEUTIQUE A PARTIR DE PROFILS D'EXPRESSION DE GENES**  
[72] STOUGHTON, ROLAND, US  
[72] MARTON, MATTHEW, US  
[71] ROSETTA INPHARMATICS, INC., US  
[85] 2001-06-26  
[86] 1999-12-27 (PCT/US99/30955)  
[87] 2000-07-06 (WO00/39341)  
[30] US (09/222,582) 1998-12-28

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[21] **2,356,874**  
[13] A1  
[51] **Int.Cl. 7H01R 25/16 7F21V 23/06**  
[25] EN  
[54] **ELECTRICAL CONNECTING DEVICE FOR CONTACTING CONDUCTOR STRANDS**  
[54] **DISPOSITIF DE CONNEXION ELECTRIQUE POUR METTRE EN CONTACT DES BRINS DE CONDUCTEURS**  
[72] GADNER, WOLFGANG, AT  
[72] LADSTATTER, GERALD, AT  
[71] ZUMTOBEL STAFF GMBH, AT  
[85] 2001-06-27  
[86] 1999-12-27 (PCT/EP99/10398)  
[87] 2000-07-13 (WO00/41277)  
[30] DE (298 23 255.3) 1998-12-30  
[30] DE (298 23 256.1) 1998-12-30

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[21] **2,356,875**  
[13] A1

[51] **Int.Cl. 7B27L 1/02**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONVEYING A SOLID MATERIAL**  
[54] **PROCEDE ET APPAREIL POUR LE TRANSPORT DE MATERIAU SOLIDE**  
[72] JONKKA, ARVO, FI  
[71] METSO WOODHANDLING OY, FI  
[85] 2001-06-27  
[86] 2000-01-03 (PCT/FI00/00001)  
[87] 2000-07-13 (WO00/40383)  
[30] FI (990014) 1999-01-07

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[21] **2,356,876**  
[13] A1

[51] **Int.Cl. 7G02B 6/12 7G02B 7/182 7G02B 6/43**  
[25] EN  
[54] **A DEVICE FOR REFLECTING LIGHT**  
[54] **DISPOSITIF DE REFLEXION DE LA LUMIERE**  
[72] AUGUSTSSON, TORSTEN, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-06-22  
[86] 1999-12-21 (PCT/SE99/02452)  
[87] 2000-07-06 (WO00/39616)  
[30] SE (9804558-6) 1998-12-23

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[21] **2,356,877**  
[13] A1

[51] **Int.Cl. 7A61K 48/00 7C12N 7/00 7C12N 5/10 7A61K 35/76 7C12N 15/86**  
[25] EN  
[54] **GENE THERAPY FOR PULMONARY EDEMA USING ADENOVIRUS VECTORS ENCODING NA,K-ATPASE**  
[54] **THERAPIE GENIQUE POUR OEDEME PULMONAIRE UTILISANT DES VECTEURS D'ADENOVIRUS CODANT NA,K-ATPASE**  
[72] FACTOR, PHILLIP H., US  
[71] EDEMA CLEARANCE, INC., US  
[85] 2001-06-29  
[86] 1999-12-22 (PCT/US99/30933)  
[87] 2000-07-06 (WO00/38737)  
[30] US (60/114,721) 1998-12-30  
[30] US (09/470,007) 1999-12-22

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[21] **2,356,878**  
[13] A1

[51] **Int.Cl. 7E06B 9/26**  
[25] EN  
[54] **METHOD OF MAKING FABRIC VENETIAN BLINDS**  
[54] **PROCEDE DE FABRICATION DE STORES VENITIENS**  
[72] BARSS, JAMES F., US  
[71] COMFORTEX WINDOW FASHIONS, US  
[85] 2001-06-27  
[86] 2000-01-21 (PCT/US00/01437)  
[87] 2000-07-27 (WO00/43626)  
[30] US (09/235,447) 1999-01-22

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[21] **2,356,879**  
[13] A1

[51] **Int.Cl. 7H04B 7/04 7H01Q 25/00 7H01Q 3/24**  
[25] EN  
[54] **MULTI-TRANSMITTER SYSTEM**  
[54] **SYSTEME COMPRENANT PLUSIEURS EMETTEURS-RECEPTEURS**  
[72] OSTERLING, JACOB KRISTIAN, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-06-22  
[86] 1999-12-14 (PCT/SE99/02347)  
[87] 2000-07-06 (WO00/39943)  
[30] US (09/220,263) 1998-12-23

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[21] **2,356,880**  
[13] A1

[51] **Int.Cl. 7D01B 1/42**  
[25] EN  
[54] **SEPARATING AND RECOVERING COMPONENTS FROM PLANTS**  
[54] **SEPARATION ET EXTRACTION DE CONSTITUANTS DE PLANTES**  
[72] SANDERS, JOHAN PIETER MARINUS, NL  
[72] HULST, ANNE COENRAAD, NL  
[72] KETELAARS, JAN JOSEF MARIA HUBERT, NL  
[71] COUPERATIEVE VERKOOP- EN PRODUCTIEVERENIGING VAN AARDAPPELMEEL EN DERIVA, NL  
[85] 2001-06-27  
[86] 1999-12-24 (PCT/NL99/00805)  
[87] 2000-07-13 (WO00/40788)  
[30] NL (1010976) 1999-01-06

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[21] **2,356,881**  
[13] A1

[51] **Int.Cl. 7A61K 31/485 7A61K 9/00 7A61K 47/00 7A61K 47/10 7A61P 11/14**  
[25] EN  
[54] **COMPOSITIONS HAVING IMPROVED DELIVERY OF ACTIVES**  
[54] **COMPOSITIONS AMELIOREES D'APPORT DE PRINCIPES ACTIFS**  
[72] HAYES, JERRY WILLIAM II, US  
[72] DOBROZSI, DOUGLAS JOSEPH, US  
[72] DESAI, KISHOR JIVANLAL, US  
[72] ROBBINS, BRIAN JAMES, GB  
[71] THE PROCTOR & GAMBLE COMPANY, US  
[85] 2001-06-27  
[86] 2000-01-10 (PCT/US00/00575)  
[87] 2000-07-20 (WO00/41693)  
[30] US (60/115,378) 1999-01-11

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[21] **2,356,883**  
[13] A1

[51] **Int.Cl. 7H04Q 7/38**  
[25] EN  
[54] **METHOD AND DEVICE FOR AVOIDING INTERRUPTIONS IN VOICE TRANSMISSIONS**  
[54] **PROCEDE ET DISPOSITIF SERVANT A EVITER DES INTERRUPTIONS DANS DES TRANSMISSIONS VOCALES**  
[72] HELLWIG, KARL, DE  
[72] BRUHN, STEFAN, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-06-21  
[86] 1999-11-10 (PCT/EP99/08643)  
[87] 2000-06-29 (WO00/38459)  
[30] EP (98124179.7) 1998-12-21

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[21] **2,356,884**  
[13] A1

[51] **Int.Cl. 7E04B 1/32**  
[25] EN  
[54] **POLYHEDRAL FABRICATED STRUCTURE AND METHOD OF CONSTRUCTING THE SAME**  
[54] **STRUCTURE POLYEDRE ET SON PROCEDE DE FABRICATION**  
[72] NIIDUMA, YOSHIMI, JP  
[71] HOUSING KOUSAN CO., LTD., JP  
[85] 2001-06-27  
[86] 1999-12-28 (PCT/JP99/07403)  
[87] 2000-07-06 (WO00/39415)  
[30] JP (10/373944) 1998-12-28

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<p style="text-align: right;">[21] <b>2,356,885</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07H 7/02 7A61P 35/00 7A61P 43/00 7A61P 3/04 7A61P 3/10 7A61P 31/12 7A61K 31/7008</b></p> <p>[25] EN</p> <p>[54] <b>SIASTATIN B DERIVATIVES HAVING GLYCOSIDASE INHIBITORY ACTIVITIES AND PROCESS FOR PRODUCING THE SAME</b></p> <p>[54] <b>DERIVES DE LA SIASTANINE B PRESENTANT DES ACTIVITES INHIBITRICES DE LA GLYCOSIDASE, ET LEUR PROCEDE DE PRODUCTION</b></p> <p>[72] TAKEUCHI, TOMIO, JP</p> <p>[72] NISHIMURA, YOSHIO, JP</p> <p>[72] SHITARA, EIKI, JP</p> <p>[71] ZAIDAN HOJIN BISEIBUTSU KAGAKU KENDYU KAI, JP</p> <p>[71] MEIJA SEIKA KAISHA, LTD., JP</p> <p>[85] 2001-06-22</p> <p>[86] 1999-12-24 (PCT/JP99/07269)</p> <p>[87] 2000-07-06 (WO00/39140)</p> <p>[30] JP (10/370277) 1998-12-25</p>	<p style="text-align: right;">[21] <b>2,356,889</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B63B 13/00</b></p> <p>[25] EN</p> <p>[54] <b>METHOD AND APPARATUS FOR EXCHANGING BALLAST WATER IN A SHIP</b></p> <p>[54] <b>PROCEDE ET APPAREIL DE REMPLACEMENT DE L'EAU DE LESTAGE DANS UN NAVIRE</b></p> <p>[72] TAMASHIMA, MASAHIRO, JP</p> <p>[72] NUMATA, HISASHI, JP</p> <p>[71] TEEKAY SHIPPING (CANADA) LTD., CA</p> <p>[85] 2001-06-22</p> <p>[86] 1998-12-28 (PCT/CA98/01167)</p> <p>[87] 2000-07-06 (WO00/38972)</p>	<p style="text-align: right;">[21] <b>2,356,892</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 7/00</b></p> <p>[25] EN</p> <p>[54] <b>SUBSCRIPTION HANDLER INTERFACE BETWEEN A CUSTOMER ADMINISTRATIVE SYSTEM AND DATABASE NETWORK ELEMENTS OF A COMMUNICATIONS NETWORK</b></p> <p>[54] <b>INTERFACE DE GESTION D'ABONNEMENTS ENTRE UN SYSTEME ADMINISTRATIF DE CLIENTS ET DES ELEMENTS DE RESEAU DE BASE DE DONNEES D'UN RESEAU DE COMMUNICATION</b></p> <p>[72] GLITHO, ROCH, CA</p> <p>[72] GOURRAUD, CHRISTOPHE, CA</p> <p>[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE</p> <p>[85] 2001-06-21</p> <p>[86] 1999-11-30 (PCT/SE99/02233)</p> <p>[87] 2000-06-29 (WO00/38437)</p> <p>[30] US (09/217,768) 1998-12-21</p>
<p style="text-align: right;">[21] <b>2,356,886</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01V 1/20</b></p> <p>[25] FR</p> <p>[54] <b>SYSTEME PERFECTIONNE D'ACQUISITION DE DONNEES GEOPHYSIQUES</b></p> <p>[54] <b>IMPROVED SYSTEM FOR ACQUIRING GEOPHYSICAL DATA</b></p> <p>[72] MENARD, JEAN-PAUL, FR</p> <p>[71] SERCEL, FR</p> <p>[85] 2001-06-22</p> <p>[86] 1999-12-24 (PCT/FR99/03287)</p> <p>[87] 2000-07-06 (WO00/39610)</p> <p>[30] FR (98/16434) 1998-12-24</p>	<p style="text-align: right;">[21] <b>2,356,890</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61B 17/00 7A61B 8/00 7A61B 19/00</b></p> <p>[25] EN</p> <p>[54] <b>DEVICE AND METHOD FOR SAFE LOCATION AND MARKING OF A CAVITY AND SENTINEL LYMPH NODES</b></p> <p>[54] <b>DISPOSITIF ET METHODE PERMETTANT UNE LOCALISATION ET UN MARQUAGE SURS D'UNE CAVITE ET DE GANGLIONS DE TROISIER</b></p> <p>[72] FAWZI, NATALIE V., US</p> <p>[72] SIRIMANNE, D. LAKSEN, US</p> <p>[72] WILSON, PETER M., US</p> <p>[72] CONSTON, STANLEY R., US</p> <p>[72] BUSH, MARY ELIZABETH, US</p> <p>[72] MORRISSEY, ANNE B., US</p> <p>[72] SUTTON, DOUGLAS S., US</p> <p>[72] LEBOVIC, GAIL S., US</p> <p>[71] VIVANT MEDICAL, INC., US</p> <p>[85] 2001-06-26</p> <p>[86] 1999-12-23 (PCT/US99/30619)</p> <p>[87] 2000-07-06 (WO00/38579)</p> <p>[30] US (09/220,618) 1998-12-24</p> <p>[30] US (09/285,329) 1999-04-02</p> <p>[30] US (09/347,185) 1999-07-02</p>	<p style="text-align: right;">[21] <b>2,356,893</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B27N 3/18 7B27N 3/08 7B27N 3/24</b></p> <p>[25] EN</p> <p>[54] <b>METHOD AND ARRANGEMENT FOR THE CONTINUOUS MANUFACTURE OF PROFILED LIGNOCELLULOSE-CONTAINING BOARD OR STRIP-LIKE PRODUCTS</b></p> <p>[54] <b>PROCEDE ET DISPOSITIF DE FABRICATION EN CONTINU DE PRODUITS LIGNOCELLULOSIQUES PROFILES EN FORME DE PLANCHE OU DE BANDES</b></p> <p>[72] LUNDGREN, GORAN, SE</p> <p>[72] ERIKSSON, N. LENNART, SE</p> <p>[71] VALMET FIBERTECH AB, SE</p> <p>[85] 2001-06-28</p> <p>[86] 2000-01-31 (PCT/SE00/00186)</p> <p>[87] 2000-08-03 (WO00/44540)</p> <p>[30] SE (9900331-1) 1999-02-01</p>
<p style="text-align: right;">[21] <b>2,356,888</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01M 8/12 7H01M 4/86</b></p> <p>[25] EN</p> <p>[54] <b>FUEL ELECTRODE FORMATION FOR A SOLID OXIDE FUEL CELL</b></p> <p>[54] <b>FORMATION D'ELECTRODES COMBUSTIBLES CONCUE POUR PILE ACOMBUSTIBLE A OXYDE SOLIDE</b></p> <p>[72] VORA, SHAILESH D., US</p> <p>[72] RUKA, ROSWELL J., US</p> <p>[71] SIEMENS WESTINGHOUSE POWER CORPORATION, US</p> <p>[85] 2001-06-27</p> <p>[86] 1999-12-09 (PCT/US99/29229)</p> <p>[87] 2000-07-06 (WO00/39864)</p> <p>[30] US (09/224,157) 1998-12-31</p>		



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[21] **2,356,894**  
[13] A1

[51] **Int.Cl. 7A61L 2/02 7A61K 35/14**  
[25] EN  
[54] **REMOVAL OF BIOLOGICAL CONTAMINANTS**  
[54] **ELIMINATION DE CONTAMINANTS BIOLOGIQUES**  
[72] CONLAN, BRENDON, AU  
[72] EDGELL, TRACY ANN, AU  
[72] LAZAR, MAY, AU  
[72] NAIR, CHENICHERI HARIHARAN, AU  
[72] SEABROOK, ELIZABETH JEAN, AU  
[72] TURTON, THOMAS NORMAN, AU  
[71] GRADIPORE LIMITED, AU  
[85] 2001-06-22  
[86] 1999-12-23 (PCT/AU99/01171)  
[87] 2000-07-06 (WO00/38743)  
[30] AU (PP 7906) 1998-12-23

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[21] **2,356,897**  
[13] A1

[51] **Int.Cl. 7B01D 9/00 7B01J 19/10 7A61K 9/14**  
[25] EN  
[54] **APPARATUS AND PROCESS FOR PREPARING CRYSTALLINE PARTICLES**  
[54] **APPAREIL ET PROCEDE DE PREPARATION DE PARTICULES CRISTALLINES**  
[72] LANCASTER, ROBERT WILLIAM, GB  
[72] SINGH, HARDEV, GB  
[72] THEOPHILUS, ANDREW LEWIS, GB  
[71] GLAXO GROUP LIMITED, GB  
[85] 2001-06-22  
[86] 1999-12-22 (PCT/GB99/04368)  
[87] 2000-07-06 (WO00/38811)  
[30] GB (9828721.2) 1998-12-24

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[21] **2,356,900**  
[13] A1

[51] **Int.Cl. 7H04L 29/06 7H04L 12/28**  
[25] EN  
[54] **METHOD AND DEVICE FOR REDUCING THE PROCESSING TIME OF DATA IN COMMUNICATION NETWORKS**  
[54] **PROCEDE ET DISPOSITIF DE REDUCTION DU TEMPS DE TRAITEMENT DE DONNEES DANS DES RESEAUX DE COMMUNICATION**  
[72] RATHONYI, BELA, SE  
[72] LUDWIG, REINER, DE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-06-21  
[86] 1999-12-13 (PCT/EP99/09861)  
[87] 2000-06-29 (WO00/38390)  
[30] EP (98124010.4) 1998-12-22

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[21] **2,356,896**  
[13] A1

[51] **Int.Cl. 7C07D 305/14**  
[25] EN  
[54] **METHOD FOR HIGH YIELD EXTRACTION OF PACLITAXEL FROM MATERIAL**  
[54] **METHODE D'EXTRACTION A HAUT RENDEMENT DE PACLITAXEL A PARTIR DE MATIERE CONTENANT DU PACLITAXEL**  
[72] BAI, YILI, CA  
[72] FOO, SAMUEL SIANG KIANG, CA  
[72] EHLERT, MARTIN, CA  
[71] PHYTOGEN LIFE SCIENCES, INCORPORATED, CA  
[85] 2001-06-26  
[86] 1999-12-30 (PCT/CA99/01238)  
[87] 2000-07-13 (WO00/40573)  
[30] US (09/223,694) 1998-12-30

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[21] **2,356,898**  
[13] A1

[51] **Int.Cl. 7C07D 209/42 7A61P 29/00 7C07D 401/06 7C07D 401/12 7A61K 31/40 7A61K 31/44**  
[25] EN  
[54] **INDOLE DERIVATIVES AND THEIR USE AS MCP-1 ANTAGONISTS**  
[54] **DERIVES D'INDOLE ET LEUR UTILISATION COMME ANTAGONISTES VIS-A-VIS DE LA PROTEINE 1 AYANT UN CHIMIOTACTISME POSITIF SUR LES MONOCYTES (MCP-1)**  
[72] KETTLE, JASON GRANT, GB  
[72] FAULL, ALAN WELLINGTON, GB  
[71] ASTRAZENECA AB, SE  
[85] 2001-06-28  
[86] 2000-01-31 (PCT/GB00/00265)  
[87] 2000-08-10 (WO00/46196)  
[30] GB (9902461.4) 1999-02-05

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[21] **2,356,901**  
[13] A1

[51] **Int.Cl. 6B05B 15/00 6F16L 9/00 6A01N 33/06**  
[25] EN  
[54] **DRIP IRRIGATION HOSE WITH ROOT DETERRENT STRIP**  
[54] **TUYAU D'ARROSAGE AU GOUTTE-A-GOUTTE MUNI D'UNE BANDE ANTI-RACINES**  
[72] ROBB, ALLAN F., US  
[71] T-SYSTEMS INTERNATIONAL, INC., US  
[85] 2001-06-26  
[86] 1999-11-19 (PCT/US99/27426)  
[87] 2000-06-02 (WO00/30760)  
[30] US (60/109,667) 1998-11-20

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[21] **2,356,902**  
[13] A1

[51] **Int.Cl. 7C02F 9/00 7A61C 19/00**  
[25] EN  
[54] **DEVICE AND METHOD FOR TREATING DENTAL WASTE STREAMS**  
[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT DE FLUX DE DECHETS D'ORIGINE DENTAIRE**  
[72] BOYD, OWEN E., US  
[72] CANNON, JAMES B., US  
[72] SHIELDS, TED M., US  
[72] SCHERER, JONATHAN E., US  
[71] SOLMETEX, INC., US  
[85] 2001-06-28  
[86] 2000-10-30 (PCT/US00/29832)  
[87] 2001-05-03 (WO01/30707)  
[30] US (60/162,031) 1999-10-28  
[30] US (09/697,845) 2000-10-27

## Demandes PCT entrant en phase nationale

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[21] **2,356,903**  
[13] A1  
[51] **Int.Cl. 7C02F 3/20 7B01D 21/00**  
[25] EN  
[54] **DEVICE FOR THE AEROBIC MICROBIOLOGICAL TREATMENT OF WASTE WATER**  
[54] **DISPOSITIF DE TRAITEMENT MICROBIOLOGIQUE AEROBIE D'EAUX USEES**  
[72] LUHR, WOLFGANG, DE  
[71] LUHR, WOLFGANG, DE  
[85] 2001-06-26  
[86] 1999-12-23 (PCT/EP99/10353)  
[87] 2000-07-06 (WO00/39033)  
[30] DE (198 60 942.6) 1998-12-29

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[21] **2,356,904**  
[13] A1  
[51] **Int.Cl. 7H04B 1/69**  
[25] EN  
[54] **A COMMUNICATION APPARATUS AND METHOD FOR A CDMA COMMUNICATION SYSTEM**  
[54] **DISPOSITIF DE COMMUNICATION ET PROCEDE CONCU POUR UN SYSTEME DE COMMUNICATION AMDC**  
[72] PARK, CHANG-SOO, KR  
[72] YANG, KYEONG-CHEOL, KR  
[72] KONG, JUN-JIN, KR  
[72] KANG, HEE-WON, KR  
[72] KIM, JAE-YOEL, KR  
[72] NO, JONG-SEON, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2001-06-28  
[86] 2000-01-21 (PCT/KR00/00046)  
[87] 2000-07-27 (WO00/44105)  
[30] KR (1999/2311) 1999-01-21

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[21] **2,356,906**  
[13] A1  
[51] **Int.Cl. 7H04B 7/005**  
[25] EN  
[54] **METHOD AND SYSTEM FOR MONITORING POWER OUTPUT IN TRANSCEIVERS**  
[54] **PROCEDE ET SYSTEME DE SURVEILLANCE DE LA PUISSANCE DE SORTIE D'EMETTEURS-RECEPTEURS**  
[72] LUNDBORG, TOMAS, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-06-26  
[86] 1999-12-14 (PCT/SE99/02344)  
[87] 2000-07-13 (WO00/41337)  
[30] US (09/223,633) 1998-12-31

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[21] **2,356,907**  
[13] A1  
[51] **Int.Cl. 7G06F 17/30 7G06F 17/60**  
[25] EN  
[54] **METHODS AND APPARATUS FOR THE SELECTION OF PRODUCTS FOR FACILITATING ELECTRONIC COMMERCE IN AREA RUGS**  
[54] **PROCEDES ET DISPOSITIF DE SELECTION DE PRODUITS PERMETTANT DE FACILITER LE COMMERCE ELECTRONIQUE DE CARPETTES**  
[72] AMIDHOZOUR, RAHIM, US  
[72] NARAGHI, HOOSHYAR F., US  
[71] ERUGGALLERY.COM, US  
[85] 2001-06-28  
[86] 2000-11-17 (PCT/US00/31696)  
[87] 2001-05-25 (WO01/37140)  
[30] US (09/443,161) 1999-11-19

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[21] **2,356,908**  
[13] A1  
[51] **Int.Cl. 7B28B 11/22 7B08B 3/02 7B08B 5/02 7B08B 5/04**  
[25] EN  
[54] **A METHOD IN PROCESSING GYPSUM BOARDS OR TILES**  
[54] **PROCEDE DE TRAITEMENT DE PLAQUES OU DE CARREAUX DE PLATRE**  
[72] MADSEN, BENNI, DK  
[71] BPB PLC, GB  
[85] 2001-06-26  
[86] 2000-10-25 (PCT/EP00/10501)  
[87] 2001-05-03 (WO01/30553)  
[30] SE (9903866-3) 1999-10-27

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[21] **2,356,910**  
[13] A1  
[51] **Int.Cl. 7H02N 6/00**  
[25] EN  
[54] **ANTIREFLECTION COATED REFRACTORY METAL MATCHED EMITTER FOR USE IN THERMOPHOTOVOLTAIC GENERATORS**  
[54] **EMETTEUR ACCORDE REVETU DE METAL REFRACTAIRE ANTIREFLEXION POUR GENERATEURS THERMOPHOTOVOLTAIQUES**  
[72] AVERY, JAMES E., US  
[72] MAGENDANZ, GALEN, US  
[72] FRAAS, LEWIS M., US  
[71] JX CRYSTALS INC., US  
[85] 2001-06-21  
[86] 1999-10-22 (PCT/US99/24736)  
[87] 2000-08-17 (WO00/48231)  
[30] US (60/113,353) 1998-12-21  
[30] US (60/120,817) 1999-02-19  
[30] US (09/406,727) 1999-09-28

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[21] **2,356,911**  
[13] A1  
[51] **Int.Cl. 7A61F 7/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR HEATING INFLAMED TISSUE**  
[54] **PROCEDE ET APPAREIL POUR CHAUFFER DES TISSUS ENFLAMMES**  
[72] NAGHAVI, MORTEZA, US  
[72] BIRENDRA, LAL, US  
[72] GUO, BUJIN, US  
[72] WILLERSON, JAMES T., US  
[72] CASSCELLS, S. WARD III, US  
[71] TEXAS HEART INSTITUTE, US  
[85] 2001-06-28  
[86] 1999-12-29 (PCT/US99/31212)  
[87] 2000-07-06 (WO00/38602)  
[30] US (60/114,326) 1998-12-31  
[30] US (09/473,919) 1999-12-28

## PCT Applications Entering the National Phase

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[21] **2,356,912**  
[13] A1  
[51] **Int.Cl. 6A61K 31/557**  
[25] EN  
[54] **DRUG COMPOSITIONS FOR THE TREATMENT OF OCULAR HYPERTENSION OR GLAUCOMA**  
[54] **COMPOSITIONS DE MEDICAMENT POUR TRAITER L'HYPERTENSION OCULAIRE OU LE GLAUCOME**  
[72] UENO, RYUJI, US  
[71] SUCAMPO, A.G., CH  
[85] 2001-06-26  
[86] 1998-12-25 (PCT/JP98/05896)  
[87] 2000-07-06 (WO00/38689)

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[21] **2,356,913**  
[13] A1  
[51] **Int.Cl. 7B29C 43/08**  
[25] EN  
[54] **DEVICE FOR MANUFACTURING PLASTIC ITEMS, PARTICULARLY CAPS FOR CLOSING CONTAINERS**  
[54] **DISPOSITIF DE FABRICATION D'ARTICLES EN PLASTIQUE, ET NOTAMMENT DE CAPUCHONS DE FERMETURE DE CONTENANTS**  
[72] ZUFFA, ZENO, IT  
[71] SACMI COOPERATIVA MECCANICI IMOLA S.C.R.L., IT  
[85] 2001-06-26  
[86] 2000-01-26 (PCT/EP00/00580)  
[87] 2001-05-10 (WO01/32390)  
[30] IT (BO99A000583) 1999-11-02

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[21] **2,356,915**  
[13] A1  
[51] **Int.Cl. 7B65D 21/02 7B65D 75/36 7B65D 5/52**  
[25] EN  
[54] **PRODUCT PACKAGING ARRANGEMENT FOR SHIPPING AND DISPLAY**  
[54] **AGENCEMENT DE CONDITIONNEMENT DE PRODUIT POUR L'EXPEDITION ET LA PRESENTATION**  
[72] PIRRO, JEFFREY P., US  
[71] EVEREADY BATTERY COMPANY, INC., US  
[85] 2001-06-29  
[86] 2000-10-31 (PCT/US00/30002)  
[87] 2001-05-10 (WO01/32517)  
[30] US (60/162,991) 1999-11-01  
[30] US (09/535,569) 2000-03-27

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[21] **2,356,916**  
[13] A1  
[51] **Int.Cl. 7A61L 27/00 7A61C 8/00 7A61F 2/28**  
[25] EN  
[54] **IMPLANTS WITH MODIFIED SURFACES FOR INCREASED BIOCOMPATIBILITY, AND METHOD FOR PRODUCTION THEREOF**  
[54] **IMPLANTS DONT DES SURFACES ONT ETE MODIFIEES POUR UNE MEILLEURE BIOCOMPATIBILITE ET PROCEDE DE PRODUCTION DE CES DERNIERS**  
[72] RONOLD, HANS JACOB, NO  
[72] OPSAHL, LARS, NO  
[72] VIDEM, KETIL, NO  
[72] ELLINGSEN, JAN EIRIK, NO  
[71] RONOLD, HANS JACOB, NO  
[71] OPSAHL, LARS, NO  
[71] VIDEM, KETIL, NO  
[71] ELLINGSEN, JAN EIRIK, NO  
[85] 2001-06-26  
[86] 1999-12-22 (PCT/IB99/02093)  
[87] 2000-07-06 (WO00/38753)  
[30] SE (9804536-2) 1998-12-23

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[21] **2,356,918**  
[13] A1  
[51] **Int.Cl. 6H04L 29/06 6H04L 12/28**  
[25] EN  
[54] **USE OF LOWER IP-ADDRESS BITS**  
[54] **UTILISATION DES BITS INFÉRIEURS D'ADRESSES IP**  
[72] WINELL, STAFFAN, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-06-26  
[86] 1999-12-23 (PCT/SE99/02481)  
[87] 2000-07-13 (WO00/41376)  
[30] US (09/222,767) 1998-12-30

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[21] **2,356,919**  
[13] A1  
[51] **Int.Cl. 7C07K 5/062 7A61P 11/00 7A61K 38/05 7C07K 5/065 7C07K 5/068**  
[25] EN  
[54] **SELECTIVE INHIBITORS OF MMP-12**  
[54] **INHIBITEURS SELECTIFS DE MMP-12**  
[72] WARSHAWSKY, ALAN M., US  
[72] JANUSZ, MICHAEL J., US  
[71] AVENTIS PHARMACEUTICALS INC., US  
[85] 2001-06-27  
[86] 1999-11-12 (PCT/US99/26749)  
[87] 2000-07-13 (WO00/40600)  
[30] US (09/224,550) 1998-12-31

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[21] **2,356,920**  
[13] A1  
[51] **Int.Cl. 7C10C 1/18 7C10G 11/00 7C10G 19/00 7C10G 21/00 7C10G 25/00 7C10G 29/00 7C10G 45/00 7C10G 57/00 7C10G 67/00 7C10B 57/02 7C10G 11/02 7C10G 51/02 7C10G 55/02 7C10G 65/02 7C10G 67/02 7C10G 69/02 7C10G 1/04 7C10G 11/04 7C10G 17/04 7C10G 29/04 7C10G 45/04 7C10G 67/04 7C10C 3/08 7C10G 45/60**  
[25] EN  
[54] **HYDROCONVERSION PROCESS USING BULK GROUP VIII/GROUP VIB CATALYSTS**  
[54] **PROCEDE D'HYDROCONVERSION METTANT EN OEUVRE DES CATALYSEURS EN VRAC DU GROUPE VIII ET DU GROUPE VIB**  
[72] RILEY, KENNETH LLOYD, US  
[72] DEMMIN, RICHARD A., US  
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US  
[85] 2001-06-27  
[86] 2000-01-14 (PCT/US00/01009)  
[87] 2000-07-20 (WO00/42119)  
[30] US (09/231,156) 1999-01-15

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[21] **2,356,921**  
[13] A1  
[51] **Int.Cl. 7G06F 15/78 7H04B 7/005**  
[25] EN  
[54] **PIPELINE PROCESSING FOR DATA CHANNELS**  
[54] **TRAITEMENT EN PIPELINE POUR CANAUX DE DONNEES**  
[72] KUKLA, RALF, DE  
[72] NIEGEL, MICHAEL, DE  
[72] NOURBAKSH, SEYED-HAMI, DE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-06-22  
[86] 1999-12-17 (PCT/EP99/10077)  
[87] 2000-07-06 (WO00/39701)  
[30] EP (98 124 457.7) 1998-12-23

## Demandes PCT entrant en phase nationale

[21] **2,356,922**  
[13] A1

[51] **Int.Cl. 7H01B 12/16**  
[25] EN  
[54] **SUPERCONDUCTING CABLE**  
[54] **CABLE SUPRACONDUCTEUR**  
[72] NASSI, MARCO, IT  
[72] LADIE', PIERLUIGI, IT  
[71] PIRELLI CAVI E SISTEMI S.P.A., IT  
[85] 2001-06-26  
[86] 1999-12-22 (PCT/EP99/10446)  
[87] 2000-07-06 (WO00/39813)  
[30] EP (98204403.4) 1998-12-24  
[30] US (60/114,543) 1998-12-31

[21] **2,356,924**  
[13] A1

[51] **Int.Cl. 7A61M 5/315**  
[25] EN  
[54] **DEVICE FOR ADMINISTERING AN INJECTABLE PRODUCT**  
[54] **DISPOSITIF D'ADMINISTRATION D'UN PRODUIT INJECTABLE**  
[72] GURTNER, THOMAS, CH  
[72] KIRCHHOFER, FRITZ, CH  
[71] DISETRONIC LICENSING AG, CH  
[85] 2001-06-26  
[86] 2000-01-11 (PCT/CH00/00017)  
[87] 2000-07-20 (WO00/41753)  
[30] DE (199 00 792.6) 1999-01-12

[21] **2,356,925**  
[13] A1

[51] **Int.Cl. 7C09J 123/08 7C09J 11/08**  
[25] EN  
[54] **WATER-SWELLABLE HOT-MELT-TYPE ADHESIVE**  
[54] **ADHESIF FUSIBLE GONFLANT A L'EAU**  
[72] KOPANNIA, SIEGFRIED, DE  
[72] MAASSEN, ULRICKE, DE  
[72] BUTTERBACH, RUDIGER, DE  
[71] HENKEL  
KOMMANDITGESELLSCHAFT AUF AKTIEN, DE  
[85] 2001-06-21  
[86] 1999-12-14 (PCT/EP99/09909)  
[87] 2000-07-06 (WO00/39232)  
[30] DE (198 59 728.2) 1998-12-23

[21] **2,356,928**  
[13] A1

[51] **Int.Cl. 7C07C 65/11 7C07C 51/00**  
[25] EN  
[54] **GRANULES OF 2-HYDROXYNAPHTHALENE-3-CARBOXYLIC ACID AND METHOD FOR PREPARING THE SAME**  
[54] **GRANULES D'ACIDE 2-HYDROXYNAPHTHALENE-3-CARBOXYLIQUE ET PROCEDE DE PREPARATION ASSOCIE**  
[72] KITTAKA, MASAHARU, JP  
[72] UENO, RYUZO, JP  
[72] KITAYAMA, MASAYA, JP  
[72] NARA, SYUNGO, JP  
[72] IZUMICHI, NOBUTAKA, JP  
[71] KABUSHIKI KAISHA UENO SEIYAKU OYO KENKYUJO, JP  
[85] 2001-06-26  
[86] 2000-10-19 (PCT/JP00/07260)  
[87] 2001-05-03 (WO01/30737)  
[30] JP (11/303833) 1999-10-26

[21] **2,356,930**  
[13] A1

[51] **Int.Cl. 7E21B 19/16 7E21B 21/10**  
[25] EN  
[54] **AN APPARATUS AND METHOD FOR FACILITATING THE CONNECTION OF TUBULARS USING A TOP DRIVE**  
[54] **APPAREIL ET PROCEDE FACILITANT LE RACCORDEMENT DE PIECES TUBULAIRES AU MOYEN D'UNE TRANSMISSION SUPERIEURE**  
[72] PIETRAS, BERND-GEORG, DE  
[71] WEATHERFORD/LAMB, INC., US  
[85] 2001-06-26  
[86] 1999-11-29 (PCT/GB99/03944)  
[87] 2000-07-06 (WO00/39429)  
[30] GB (9828669.3) 1998-12-24

[21] **2,356,933**  
[13] A1

[51] **Int.Cl. 7H04Q 11/00**  
[25] EN  
[54] **MECHANISM AND METHOD FOR DYNAMICALLY ALLOCATING ATM CONNECTIONS BETWEEN EXCHANGES**  
[54] **MECANISME ET PROCEDE D'AFFECTION DYNAMIQUE DE CONNEXIONS ATM ENTRE DES CENTRAUX**  
[72] TOVANDER, LARS A., US  
[71] ERICSSON, INC., US  
[85] 2001-06-22  
[86] 1999-12-22 (PCT/US99/30745)  
[87] 2000-07-06 (WO00/40054)  
[30] US (09/219,577) 1998-12-23

[21] **2,356,935**  
[13] A1

[51] **Int.Cl. 7A23G 3/30**  
[25] EN  
[54] **GUM BASE AND CHEWING GUM CONTAINING EDIBLE POLYESTERS**  
[54] **BASE DE GOMME A MACHER ET CHEWING-GUM CONTENANT DES POLYESTERS COMESTIBLES**  
[72] BUNCZEK, MICHAEL T., US  
[72] GREENBERG, MICHAEL J., US  
[72] URNEZIS, PHILIP W., US  
[71] WM. WRIGLEY JR. COMPANY, US  
[85] 2001-06-27  
[86] 1999-12-15 (PCT/US99/29774)  
[87] 2000-06-22 (WO00/35297)  
[30] US (09/213,672) 1998-12-17

[21] **2,356,936**  
[13] A1

[51] **Int.Cl. 7A61M 5/315 7A61M 5/50**  
[25] EN  
[54] **DEVICE FOR DOSING THE ADMINISTRATION OF AN INJECTABLE PRODUCT**  
[54] **DISPOSITIF POUR L'ADMINISTRATION DOSEE D'UN PRODUIT INJECTABLE**  
[72] KIRCHHOFER, FRITZ, CH  
[72] GURTNER, THOMAS, CH  
[71] DISETRONIC LICENSING AG, CH  
[85] 2001-06-26  
[86] 2000-01-11 (PCT/CH00/00016)  
[87] 2000-07-20 (WO00/41752)  
[30] DE (199 00 827.2) 1999-01-12

## PCT Applications Entering the National Phase

<p style="text-align: center;">[21] <b>2,356,940</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61F 2/14 7A61F 2/16</b> [25] EN [54] <b>OCULAR REPLACEMENT APPARATUS AND METHOD OF COUPLING A PROSTHESIS TO AN IMPLANT</b> [54] <b>APPAREIL DE REMPLACEMENT OCULAIRE ET PROCEDE D'ACCOUPLLEMENT D'UNE PROTHESE A UN IMPLANT</b> [72] GARONZIK, SCOTT N., US [71] GARONZIK, SCOTT N., US [85] 2001-06-29 [86] 1999-12-29 (PCT/US99/31069) [87] 2000-07-06 (WO00/38592) [30] US (09/224,446) 1998-12-31</p>	<p style="text-align: center;">[21] <b>2,356,944</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/485 7A61K 9/00 7A61K 47/10 7A61P 11/14</b> [25] EN [54] <b>COMPOSITIONS HAVING IMPROVED STABILITY</b> [54] <b>COMPOSITIONS POSSEDANT UNE STABILITE AMELIOREE</b> [72] DOBROZSI, DOUGLAS JOSEPH, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2001-06-27 [86] 2000-01-10 (PCT/US00/00576) [87] 2000-07-20 (WO00/41694) [30] US (60/115,378) 1999-01-11 [30] US (60/156,540) 1999-09-29</p>	<p style="text-align: center;">[21] <b>2,356,948</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H02K 13/04 7H01R 39/32 7H02K 3/51</b> [25] EN [54] <b>COMMUTATOR MACHINE WITH FLEXIBLE RISERS</b> [54] <b>MACHINE A COMMUTATEUR A ELEMENTS DE CONNEXION SOUPLES</b> [72] VAN DUYN, MARTIN, CA [71] GENERAL ELECTRIC CANADA INC., CA [85] 2001-06-28 [86] 2000-11-10 (PCT/CA00/01322) [87] 2001-05-25 (WO01/37408) [30] US (60/165,220) 1999-11-12</p>
<p style="text-align: center;">[21] <b>2,356,941</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A63B 37/02 7A63B 37/04 7A63B 37/06 7A63B 37/12</b> [25] EN [54] <b>LOW SPIN GOLF BALL HAVING A DUAL CORE CONFIGURATION</b> [54] <b>BALLE DE GOLF A ROTATION REDUITE PRESENTANT UNE STRUCTURE A DOUBLE NOYAU</b> [72] SULLIVAN, MICHAEL J., US [72] NESBITT, R. DENNIS, US [71] SPALDING SPORTS WORLDWIDE, INC., US [85] 2001-06-26 [86] 2000-01-04 (PCT/US00/00060) [87] 2000-07-27 (WO00/43075) [30] US (09/234,275) 1999-01-19</p>	<p style="text-align: center;">[21] <b>2,356,946</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12Q 1/68 7B01J 19/00</b> [25] EN [54] <b>ASSAY DEVICE COMPRISING MIXED PROBES</b> [54] <b>DISPOSITIF D'ESSAI A SONDES MIXTES</b> [72] HARTWELL, JOHN G., US [72] HOKE, GLENN, US [72] STEELE, ADAM B., US [71] GENE LOGIC INC., US [85] 2001-06-27 [86] 1999-12-30 (PCT/US99/31149) [87] 2000-07-06 (WO00/39344) [30] US (60/114,586) 1998-12-31</p>	<p style="text-align: center;">[21] <b>2,356,949</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04N 5/235 7H04N 3/15</b> [25] EN [54] <b>PHOTOSENSOR SYSTEM AND DRIVE CONTROL METHOD THEREOF</b> [54] <b>SYSTEME DE PHOTODETECTEURS ET METHODE DE COMMANDE</b> [72] NAKAMURA, YOSHIAKI, JP [71] CASIO COMPUTER CO., LTD., JP [85] 2001-06-26 [86] 2000-10-19 (PCT/JP00/07278) [87] 2001-05-17 (WO01/35637) [30] JP (11-319859) 1999-11-10</p>
<p style="text-align: center;">[21] <b>2,356,942</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07C 231/24 7C07C 237/46</b> [25] EN [54] <b>PREPARATION OF IODIXANOL</b> [54] <b>ELABORATION D'IODIXANOL</b> [72] HOMESTAD, OLE MAGNE, NO [71] NYCOMED IMAGING AS, NO [85] 2001-06-28 [86] 2000-02-10 (PCT/GB00/00413) [87] 2000-08-17 (WO00/47549) [30] GB (9903109.8) 1999-02-11</p>	<p style="text-align: center;">[21] <b>2,356,947</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04L 12/56</b> [25] EN [54] <b>A UNIFIED ROUTING SCHEME FOR AD-HOC INTERNETWORKING</b> [54] <b>PLAN D'ACHEMINEMENT UNIFIE POUR L'INTERCONNEXION DE RESEAUX AD HOC</b> [72] FRIVOLD, THANE J., US [72] GARCIA-LUNA-ACEVES, JOAQUIN, US [72] BEYER, DAVID A., US [71] NOKIA WIRELESS ROUTERS, INC., US [85] 2001-06-26 [86] 1999-09-22 (PCT/US99/21236) [87] 2000-07-06 (WO00/39967) [30] US (09/221,228) 1998-12-23</p>	<p style="text-align: center;">[21] <b>2,356,950</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 19/00</b> [25] EN [54] <b>NORMALIZATION, SCALING, AND DIFFERENCE FINDING AMONG DATA SETS</b> [54] <b>NORMALISATION, CHANGEMENT D'ECHELLE ET RECHERCHE DES DIFFERENCES ENTRE DES ENSEMBLES DE DONNEES</b> [72] WENT, GREGORY T., US [72] BADER, JOEL S., US [72] DZIUDA, DARIUS, US [72] LIU, YI, US [72] GUSEV, VLADIMIR, US [72] JUDSON, RICHARD S., US [72] GOLD, STEPHEN, US [71] CURAGEN CORPORATION, US [85] 2001-06-28 [86] 2000-01-05 (PCT/US00/00167) [87] 2000-07-13 (WO00/41122) [30] US (60/114,806) 1999-01-05 [30] US (UNKNOWN) 2000-01-04</p>

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,356,952</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04M 1/76 7H04B 1/58</b> [25] EN [54] <b>A METHOD AND APPARATUS FOR AN IMPROVED ANALOG ECHO CANCELLER</b> [54] <b>PROCEDE ET APPAREIL RELATIFS A UN SUPPESSEUR D'ECHO ANALOGIQUE AMELIORE</b> [72] JOFFE, DANIEL M., US [71] ADTRAN, US [85] 2001-06-28 [86] 1999-12-29 (PCT/US99/31128) [87] 2000-07-06 (WO00/39986) [30] US (09/223,923) 1998-12-31</p>	<p style="text-align: right;">[21] <b>2,356,955</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07K 1/00 7C07H 21/00 7C07K 14/00 7C12N 15/00 7C12P 21/00</b> [25] EN [54] <b>STABLE SUBTILIN AND METHODS OF MANUFACTURE</b> [54] <b>SUBTILINE STABLE ET SES PROCEDES DE PREPARATION</b> [72] HANSEN, NORMAN J., US [71] UNIVERSITY OF MARYLAND, US [85] 2001-06-21 [86] 1999-12-23 (PCT/US99/30938) [87] 2000-07-06 (WO00/39152) [30] US (60/113,843) 1998-12-24</p>	<p style="text-align: right;">[21] <b>2,356,961</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01C 21/34 7G01C 21/26</b> [25] EN [54] <b>MOBILE NAVIGATION SYSTEM</b> [54] <b>SYSTEME DE NAVIGATION MOBILE</b> [72] LI, HUI HENRY, US [72] PU, QING KENT, US [71] INFOGATION CORPORATION, US [85] 2001-06-28 [86] 2000-01-03 (PCT/US00/00064) [87] 2000-07-13 (WO00/40930) [30] US (09/227,331) 1999-01-06</p>
<p style="text-align: right;">[21] <b>2,356,953</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A01H 1/04</b> [25] EN [54] <b>METHOD FOR INCREASING TRANSGENIC BIOMASS</b> [54] <b>PROCEDE PERMETTANT D'AUGMENTER UNE BIOMASSE TRANSGENIQUE</b> [72] BOURNAT, PHILIPPE, FR [71] MERISTEM THERAPEUTICS, FR [85] 2001-06-27 [86] 2000-10-10 (PCT/IB00/01455) [87] 2001-04-19 (WO01/26450) [30] FR (99/12797) 1999-10-12</p>	<p style="text-align: right;">[21] <b>2,356,956</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08K 5/13 7C08L 9/00 7A61M 5/152</b> [25] EN [54] <b>RUBBER BALLOON FOR AMBULATORY INFUSION</b> [54] <b>BALLONNET EN CAOUTCHOUC POUR UNE INFUSION AMBULATOIRE</b> [72] SHETH, MIHIR, US [72] DING, YUAN-PANG SAMUEL, US [72] JENKE, DENNIS, US [72] LE, TU, US [72] BUAN, ANGELES LILLIAN, US [71] BAXTER INTERNATIONAL INC., US [85] 2001-06-27 [86] 2000-10-06 (PCT/US00/27790) [87] 2001-05-17 (WO01/34692) [30] US (09/434,947) 1999-11-05</p>	<p style="text-align: right;">[21] <b>2,356,964</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A63H 30/04 7A63H 33/00 7A63H 17/395</b> [25] EN [54] <b>A PROGRAMMABLE TOY WITH COMMUNICATION MEANS</b> [54] <b>JOUET PROGRAMMABLE AVEC DISPOSITIF DE COMMUNICATION</b> [72] RASMUSSEN, JESPER, DK [72] MUNCH, GAUTE, DK [71] INTERLEGO AG, CH [85] 2001-06-29 [86] 2000-02-04 (PCT/DK00/00050) [87] 2000-08-10 (WO00/45925) [30] DK (PA 1999 00144) 1999-02-04</p>
<p style="text-align: right;">[21] <b>2,356,954</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A01N 43/50</b> [25] EN [54] <b>CHIRAL IMIDAZOLE FUNGICIDAL COMPOSITIONS AND METHODS FOR THEIR USE</b> [54] <b>COMPOSITIONS DE FONGICIDES IMIDAZOLE CHIRAUX ET PROCEDES D'UTILISATION DE TELLES COMPOSITIONS</b> [72] THOMAS, NORMAN W., US [72] NELSON, RICHARD A., US [72] LEWIS, CRAIG, US [72] ZHANG, MINGHUA, US [72] MATCHAM, GEORGE W., US [72] LIN, SUE L., US [71] CELGENE CORPORATION, US [85] 2001-06-28 [86] 1999-12-28 (PCT/US99/30970) [87] 2000-07-06 (WO00/38521) [30] US (60/114,508) 1998-12-31 [30] US (09/469,432) 1999-12-23</p>	<p style="text-align: right;">[21] <b>2,356,958</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01G 23/02</b> [25] EN [54] <b>TANK WEIGH MODULE WITH EXCESS MOTION RESTRAINT</b> [54] <b>PESON POUR RESERVOIR A LIMITATION DE DEBATTEMENT</b> [72] HANSSON, THOMAS W., US [72] HOPKINS, RANDALL K., US [71] HOTTINGER BALDWIN MEASUREMENTS, INC., US [85] 2001-06-28 [86] 2000-01-14 (PCT/US00/00897) [87] 2000-07-27 (WO00/43740) [30] US (60/116,638) 1999-01-21</p>	<p style="text-align: right;">[21] <b>2,356,976</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C02F 1/78 7B01D 39/20 7C02F 1/32 7B01D 53/34 7C02F 1/461 7C02F 1/72</b> [25] EN [54] <b>IMPROVED METHOD AND APPARATUS FOR WATER TREATMENT</b> [54] <b>APPAREIL ET PROCEDE AMELIORES DE TRAITEMENT DE L'EAU</b> [72] HASHIZUME, KAZUTO, JP [71] HASHIZUME, KAZUTO, JP [85] 2001-06-26 [86] 2000-10-30 (PCT/JP00/07626) [87] 2001-05-03 (WO01/30706) [30] JP (PCT/JP99/05991) 1999-10-28</p>

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,356,978</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G02B 6/42</b> [25] EN [54] <b>SEALED CONTAINER FOR OPTICAL COMPONENTS AND SEALED FEEDTHROUGH FOR OPTICAL FIBRES</b> [54] <b>CONTENANT ETANCHE POUR COMPOSANTS OPTIQUES ET TRAVERSEE ETANCHE POUR FIBRES OPTIQUES</b> [72] SCHIATTONE, FRANCESCO, IT [72] GOBBI, LUIGI, IT [71] OPTICAL TECHNOLOGIES ITALIA S.P.A., IT [85] 2001-06-26 [86] 1999-12-06 (PCT/EP99/09640) [87] 2000-07-06 (WO00/39619) [30] EP (98830799.7) 1998-12-29 [30] US (60/121,181) 1999-02-22</p>	<p style="text-align: right;">[21] <b>2,356,983</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01B 12/00</b> [25] EN [54] <b>ELECTRICAL POWER TRANSMISSION SYSTEM USING SUPERCONDUCTORS</b> [54] <b>SYSTEME DE TRANSMISSION DE PUISSANCE ELECTRIQUE A SUPRACONDUCTEURS</b> [72] NASSI, MARCO, IT [72] LADIE', PIERLUIGI, IT [71] PIRELLI CAVI E SISTEMI S.P.A., IT [85] 2001-06-26 [86] 1999-12-22 (PCT/EP99/10442) [87] 2000-07-06 (WO00/39811) [30] EP (98124699.4) 1998-12-24 [30] US (60/115,632) 1999-01-12</p>	<p style="text-align: right;">[21] <b>2,356,986</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 311/16 7A61P 35/00 7C07D 311/18 7A61K 31/37</b> [25] EN [54] <b>COMPOUNDS AND METHODS FOR MODULATION OF ESTROGEN RECEPTORS</b> [54] <b>COMPOSES ET PROCEDE DE MODULATION DE RECEPTEURS D'OESTROGENES</b> [72] SHEVLIN, GRAZIELLA I., US [72] BHAGWAT, SHRIPAD S., US [72] MCKIE, JEFFREY A., US [72] SUTHERLAND, MAY S., US [72] STEIN, BERND M., US [72] DOUBLEDAY, MARY, US [72] JALLURI, RAVI KUMAR, US [72] GAYO, LEAH M., US [72] ANDERSON, DAVID W., US [72] KHAMMUNGKHUNE, SAK, US [72] KOIS, ADAM, US [71] SIGNAL PHARMACEUTICALS, INC., US [85] 2001-06-26 [86] 1999-12-30 (PCT/US99/31290) [87] 2000-07-06 (WO00/39120) [30] US (60/114,472) 1998-12-30</p>
<p style="text-align: right;">[21] <b>2,356,980</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G02B 6/44</b> [25] EN [54] <b>METHOD AND APPARATUS FOR MANUFACTURING AN OPTICAL FIBRE CABLE AND CABLE SO MANUFACTURED</b> [54] <b>PROCEDE ET APPAREIL SERVANT A FABRIQUER UN CABLE A FIBRES OPTIQUES ET CABLE AINSI FABRIQUE</b> [72] BAU', FABIO, IT [72] MARELLI, PAOLO, IT [71] PIRELLI CAVI E SISTEMI S.P.A., IT [85] 2001-06-26 [86] 1999-12-06 (PCT/EP99/09647) [87] 2000-07-06 (WO00/39622) [30] EP (98124775.2) 1998-12-29 [30] US (60/116,229) 1999-01-15</p>	<p style="text-align: right;">[21] <b>2,356,985</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 471/04 7A61K 31/495</b> [25] EN [54] <b>5HT1 ANTAGONISTS FOR ANTIDEPRESSANT THERAPY</b> [54] <b>ANTAGONISTES DU RECEPTEUR 5HT1 POUR THERAPIE ANTIDEPRESSIVE</b> [72] BRIGHT, GENE MICHAEL, US [72] DESAI, KISHOR AMRATLAL, US [71] PFIZER PRODUCTS INC., US [85] 2001-06-27 [86] 1999-11-03 (PCT/IB99/01772) [87] 2000-07-06 (WO00/39128) [30] US (60/113,957) 1998-12-28</p>	<p style="text-align: right;">[21] <b>2,356,988</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C22B 3/14 7C22B 34/24</b> [25] EN [54] <b>TREATING NIOBIUM AND/OR TANTALUM CONTAINING RAW MATERIALS</b> [54] <b>TRAITEMENT DE MATIERES PREMIERES CONTENANT DU NIOBIUM ET/OU DU TANTALUM</b> [72] KRUPIN, ALEKSANDR., EE [72] GALAGANOV, NIKOLAI, EE [71] KRUPIN, ALEKSANDR., EE [85] 2001-04-24 [86] 1999-10-20 (PCT/SE99/01888) [87] 2000-05-04 (WO00/24943) [30] SE (9803659-3) 1998-10-26</p>

## Demandes PCT entrant en phase nationale

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[21] **2,356,989**  
[13] A1  
[51] **Int.Cl. 7G06F 17/30 7G06F 17/60**  
[25] EN  
[54] **METHODS AND APPARATUS FOR DETERMINING PRODUCT ATTRIBUTES FOR FACILITATING ELECTRONIC COMMERCE IN AREA RUGS**  
[54] **PROCEDES ET DISPOSITIF PERMETTANT DE DETERMINER DES ATTRIBUTS RELATIFS A DES PRODUITS ET DE FACILITER LE COMMERCE ELECTRONIQUE DE CARPETTES**  
[72] NARAGHI, HOOSHYAR F., US  
[72] AMIDHOZOUR, RAHIM, US  
[71] ERUGGALLERY.COM, US  
[85] 2001-06-27  
[86] 2000-11-17 (PCT/US00/31798)  
[87] 2001-05-25 (WO01/37143)  
[30] US (09/444,056) 1999-11-19

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[21] **2,356,990**  
[13] A1  
[51] **Int.Cl. 7A61K 38/18 7A61K 31/07 7A61K 38/20 7A61K 35/23 7A61K 38/27 7A61K 38/30**  
[25] EN  
[54] **COMPOSITION AND METHOD FOR IMPROVING FUNCTION OF EMBRYONIC KIDNEY TRANSPLANTS**  
[54] **COMPOSITION ET METHODE POUVANT AMELIORER LE FONCTIONNEMENT DE TRANSPLANTS RENAUX EMBRYONNAIRES**  
[72] HAMMERMAN, MARC R., US  
[72] ROGERS, SHARON A., US  
[71] WASHINGTON UNIVERSITY, US  
[85] 2001-06-28  
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[87] 2000-07-20 (WO00/41713)  
[30] US (09/222,460) 1998-12-29

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[21] **2,356,991**  
[13] A1  
[51] **Int.Cl. 7C01B 13/10 7D06L 3/04 7D06F 17/12**  
[25] EN  
[54] **RADICAL GENERATING SYSTEM**  
[54] **SYSTEME DE GENERATION DE RADICAUX**  
[72] KANG, SU-HIANG, KR  
[72] MOON, JONG-YEOL, KR  
[72] YOON, CHONG-MAN, KR  
[72] NAM, SANG-SEON, KR  
[72] KWAK, SHIN-UNG, KR  
[72] YOU, HAE-SANG, KR  
[71] DAEWOO ELECTRONICS CO., LTD., KR  
[85] 2001-06-26  
[86] 1999-12-28 (PCT/KR99/00825)  
[87] 2000-07-06 (WO00/39025)  
[30] KR (1998/59613) 1998-12-28

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[21] **2,356,995**  
[13] A1  
[51] **Int.Cl. 7C08F 279/02 7C08L 9/00 7C08L 25/02**  
[25] EN  
[54] **HIGH IMPACT MONOVINYLDENE AROMATIC POLYMERS**  
[54] **POLYMERES AROMATIQUES MONOVINYLDENE A IMPACT ELEVE**  
[72] SCHRADER, DAVID, US  
[72] BLACK, STEVEN M., US  
[71] THE DOW CHEMICAL COMPANY, US  
[85] 2001-06-28  
[86] 1999-11-24 (PCT/US99/27970)  
[87] 2000-08-17 (WO00/47645)  
[30] US (60/119,232) 1999-02-09

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[21] **2,356,997**  
[13] A1  
[51] **Int.Cl. 7G02B 6/42**  
[25] EN  
[54] **COUPLING SYSTEM BETWEEN AN OPTICAL FIBRE AND AN OPTICAL DEVICE**  
[54] **SYSTEME DE COUPLAGE ENTRE UNE FIBRE OPTIQUE ET UN DISPOSITIF OPTIQUE**  
[72] SCHIATTONE, FRANCESCO, IT  
[72] DE DONNO, MARCO, IT  
[71] OPTICAL TECHNOLOGIES ITALIA S.P.A., IT  
[85] 2001-06-26  
[86] 1999-12-06 (PCT/EP99/09645)  
[87] 2000-07-06 (WO00/39620)  
[30] EP (98124650.7) 1998-12-24  
[30] US (60/115,591) 1999-01-12

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[21] **2,356,999**  
[13] A1  
[51] **Int.Cl. 7H05B 33/12 7H05B 33/10 7H05B 33/14 7H05B 33/20 7H05B 33/22 7H05B 33/26**  
[25] EN  
[54] **ELECTROLUMINESCENT DEVICE AND METHOD FOR PRODUCING SAME**  
[54] **DISPOSITIF ELECTROLUMESCENT ET SON PROCEDE FABRICATION**  
[72] ARAKI, YOSHINORI, JP  
[72] KOBAYASHI, MITSUAKI, JP  
[72] MATSUMOTO, KAZUMI, JP  
[72] ABE, HIDETOSHI, JP  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 2001-06-28  
[86] 2000-01-03 (PCT/US00/00024)  
[87] 2000-07-20 (WO00/42825)  
[30] JP (11/007446) 1999-01-14

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[21] **2,357,000**  
[13] A1  
[51] **Int.Cl. 7A61K 6/08**  
[25] EN  
[54] **DENTAL MILL BLANKS**  
[54] **EBAUCHES POUR PROTHESES DENTAIREES**  
[72] RUSIN, RICHARD P., US  
[72] CARUFEL, ROGER J., US  
[72] CUMMINGS, KEVIN M., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2001-06-27  
[86] 1999-05-18 (PCT/US99/10966)  
[87] 2000-07-13 (WO00/40206)  
[30] US (09/227,230) 1999-01-08



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<p style="text-align: center;">[21] <b>2,357,008</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 33/68</b> [25] EN [54] <b>PREDICTIVE METHODS BASED ON ALPHA-1-ACID GLYCOPROTEIN LEVELS</b> [54] <b>PROCEDES PREDICTIFS ETABLIS D'APRES DES NIVEAUX DE GLYCOPROTEINE ALPHA-1-ACIDE</b> [72] BRUNO, RENE, FR [71] AVENTIS PHARMACEUTICALS PRODUCTS INC., US [85] 2001-06-29 [86] 1999-12-30 (PCT/US99/31284) [87] 2000-07-06 (WO00/39590) [30] US (60/114,520) 1998-12-30</p>	<p style="text-align: center;">[21] <b>2,357,016</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04L 12/58 7H04L 29/06 7H04L 9/08 7H04L 9/30</b> [25] EN [54] <b>WEB-BASED DELIVERY OF SECURE E-MAIL MESSAGES</b> [54] <b>ACHEMINEMENT SECURISE DE MESSAGES ELECTRONIQUES SUR INTERNET</b> [72] DOLINSKY, DMITRY, US [72] BANDINI, JEAN-CHRISTOPHE, US [71] TUMBLEWEED COMMUNICATIONS CORP., US [85] 2001-06-29 [86] 2000-01-14 (PCT/US00/01011) [87] 2000-07-20 (WO00/42748) [30] US (60/116,053) 1999-01-14</p>	<p style="text-align: center;">[21] <b>2,357,020</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 2/00</b> [25] EN [54] <b>PROSTHESIS FOR SURGICAL TREATMENT OF HERNIA</b> [54] <b>PROTHESE POUR LE TRAITEMENT CHIRURGICAL DES HERNIES</b> [72] PELISSIER, EDOUARD, FR [71] PELISSIER, EDOUARD, FR [85] 2001-01-23 [86] 1998-07-31 (PCT/FR98/01710) [87] 2000-02-17 (WO00/07520)</p>
	<p style="text-align: center;">[21] <b>2,357,017</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G02F 1/125 7G02F 1/335</b> [25] EN [54] <b>ACOUSTO-OPTICAL DEVICE</b> [54] <b>MULTIPLEXEUR A INSERTION-EXTRACTION A REFLEXION INTERIEURE EN LIGNE ET BRASSEUR OPTIQUE A SELECTION DE LONGUEUR D'ONDES</b> [72] SCHMID, STEFFEN, DE [71] OPTICAL TECHNOLOGIES ITALIA S.P.A., IT [85] 2001-06-26 [86] 1999-12-17 (PCT/EP99/10039) [87] 2000-07-06 (WO00/39629) [30] EP (98124698.6) 1998-12-24 [30] US (60/115,633) 1999-01-12</p>	<p style="text-align: center;">[21] <b>2,357,022</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C10G 45/04 7C10G 11/00 7B01J 23/00 7C10G 11/02 7C10G 11/04 7C10G 29/04 7C10G 45/60</b> [25] EN [54] <b>TWO STAGE PROCESS FOR HYDRODESULFURIZING DISTILLATES USING BULK MULTIMETALLIC CATALYST</b> [54] <b>PROCEDE A DEUX ETAGES METTANT EN OEUVRE UN CATALYSEUR MULTIMETALLIQUE EN VRAC POUR HYDRODESULFURER DES DISTILLATS</b> [72] RILEY, KENNETH LLOYD, US [72] KLEIN, DARRYL PATRICK, US [72] KERBY, MICHAEL CHARLES, US [72] MISEO, SABATO, US [72] SOLED, STUART LEON, US [72] MCVICKER, GARY BRICE, US [72] ELLIS, EDWARD STANLEY, US [72] TOUVELLE, MICHELE SUE, US [72] HOU, ZHIGUO, US [71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US [85] 2001-06-26 [86] 2000-01-14 (PCT/US00/00981) [87] 2000-07-20 (WO00/42125) [30] US (09/231,156) 1999-01-15</p>

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[21] **2,357,023**  
[13] A1

[51] **Int.Cl. 7G01R 15/24 7G01R 15/20**  
[25] EN  
[54] **DEVICE AND METHOD FOR MEASURING AN ELECTRIC CURRENT**  
[54] **DISPOSITIF ET PROCEDE DE MESURE D'INTENSITE**  
[72] SAUERER, JOSEF, DE  
[72] WEBER, NORBERT, DE  
[72] HOHE, HANS-PETER, DE  
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE  
[85] 2001-06-21  
[86] 2000-01-17 (PCT/EP00/00316)  
[87] 2000-09-14 (WO00/54063)  
[30] DE (199 10 801.3) 1999-03-11

[21] **2,357,024**  
[13] A1

[51] **Int.Cl. 7C10G 45/04 7C10G 11/00 7C10G 11/02 7C10G 11/04 7C10G 29/04 7B01J 23/30 7C10G 45/60**  
[25] EN  
[54] **MULTISTAGE PROCESS FOR HYDRODESULFURIZING-HYDROGENATING DISTILLATES USING BULK MULTIMETALLIC CATALYST**  
[54] **PROCEDE MULTIETAGE D'HYDRODESULFURATION-HYDROGENATION DE DISTILLATS METTANT EN OEUVRE UN CATALYSEUR MULTIMETALLIQUE EN VRAC**

[72] TOUVELLE, MICHELE SUE, US  
[72] RILEY, KENNETH LLOYD, US  
[72] ELLIS, EDWARD STANLEY, US  
[72] MISEO, SABATO, US  
[72] KERBY, MICHAEL CHARLES, US  
[72] SOLED, STUART LEON, US  
[72] HOU, ZHIGUO, US  
[72] MCVICKER, GARY BRICE, US  
[72] KLEIN, DARRYL PATRICK, US  
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US  
[85] 2001-06-26  
[86] 2000-01-14 (PCT/US00/00979)  
[87] 2000-07-20 (WO00/42124)  
[30] US (09/231,156) 1999-01-15

[21] **2,357,026**  
[13] A1

[51] **Int.Cl. 7A23G 9/02 7A23G 9/08 7A23G 9/14**  
[25] EN  
[54] **ICED DESSERT AND METHOD FOR MAKING SAME**  
[54] **DESSERT GLACE ET PROCEDE DE FABRICATION**  
[72] LAFFONT, JEROME, FR  
[72] GUEROULT, ALAIN, FR  
[71] SOCIETE DES PRODUITS NESTLE S.A., CH  
[85] 2001-06-26  
[86] 1999-12-10 (PCT/EP99/09799)  
[87] 2000-07-06 (WO00/38533)  
[30] EP (98204458.8) 1998-12-29

[21] **2,357,030**  
[13] A1

[51] **Int.Cl. 7C08K 3/34 7C08K 7/00**  
[25] EN  
[54] **TRANSPARENT BIAXIALLY ORIENTED POLYOLEFIN FILM**  
[54] **FILM DE POLYOLEFINE BIORIENTE TRANSPARENT**  
[72] HUTT, DETLEF, DE  
[72] RASP, WOLFGANG, DE  
[71] HOECHST TRESPAPHAN GMBH, DE  
[85] 2001-06-28  
[86] 2000-02-03 (PCT/EP00/00853)  
[87] 2000-08-17 (WO00/47661)  
[30] DE (199 05 415.0) 1999-02-10

[21] **2,357,032**  
[13] A1

[51] **Int.Cl. 7C08B 31/00 7C08J 3/16**  
[25] EN  
[54] **METHOD FOR THE PREPARATION OF STARCH PARTICLES**  
[54] **PROCEDE DE PREPARATION DE PARTICULES D'AMIDON**  
[72] VAN SOEST, JEROEN JOHANNES GERARDUS, NL  
[72] GOTTLIEB, KORNELIS FESTER, NL  
[72] VAN SCHIJNDEL, RENEE JOSIE GIDE, NL  
[72] STAPPERS, FRANK H., M., NL  
[72] FEIL, HERMAN, NL  
[71] ATO B.V., NL  
[85] 2001-06-21  
[86] 1999-12-29 (PCT/NL99/00814)  
[87] 2000-07-13 (WO00/40617)  
[30] NL (1010926) 1998-12-30

[21] **2,357,033**  
[13] A1

[51] **Int.Cl. 7B23K 9/067**  
[25] EN  
[54] **ARC IGNITION FOR ARC WELDING APPARATUS**  
[54] **ALLUMAGE D'ARC POUR APPAREIL DE SOUDAGE A L'ARC**  
[72] IGNATCHENKO, GEORGY, IL  
[72] DYKHNO, IGOR, IL  
[72] BOGACHENKOV, EVGENY, IL  
[71] Plasma-Laser Technologies Ltd., IL  
[85] 2001-06-27  
[86] 1999-12-27 (PCT/US99/30936)  
[87] 2000-07-06 (WO00/38873)  
[30] US (09/220,587) 1998-12-28

[21] **2,357,037**  
[13] A1

[51] **Int.Cl. 7C12N 15/10 7C12Q 1/68**  
[25] EN  
[54] **OPTICAL SORTING METHOD**  
[54] **TECHNIQUE DE TRI OPTIQUE**  
[72] GRIFFITHS, ANDREW, GB  
[72] TAWFIK, DAN, GB  
[71] MEDICAL RESEARCH COUNCIL, GB  
[85] 2001-06-27  
[86] 2000-01-06 (PCT/GB00/00030)  
[87] 2000-07-13 (WO00/40712)  
[30] GB (9900298.2) 1999-01-07

[21] **2,357,038**  
[13] A1

[51] **Int.Cl. 7A61K 31/554 7C07D 417/06 7A61P 9/06**  
[25] EN  
[54] **MEDICINAL COMPOSITIONS FOR TREATMENT OF ATRIAL FIBRILLATION**  
[54] **COMPOSITIONS MEDICAMENTEUSES UTILISEES DANS LE TRAITEMENT DE LA FIBRILLATION AURICULAIRE**  
[72] IMAGAWA, NAOYA, JP  
[72] OGAWA, SATOSHI, JP  
[72] MIYAI, HISATO, JP  
[72] AISAKA, KAZUO, JP  
[71] JAPAN TOBACCO INC., JP  
[71] KANEKO, NOBORU, JP  
[85] 2001-06-27  
[86] 1999-12-27 (PCT/JP99/07359)  
[87] 2000-07-06 (WO00/38688)  
[30] JP (10/373332) 1998-12-28

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[13] A1  
[51] **Int.Cl. 7B82B 3/00 7B82B 1/00 7B23H 1/00 7H01L 41/187 7B22F 3/24 7H01L 41/24 7C04B 41/91**  
[25] EN  
[54] **SOLID-STATE MATERIAL**  
[54] **MATERIAU MONOLITHIQUE**  
[72] SPIRIN, JURY LEONIDOVICH, RU  
[72] DUBININ, VLADIMIR STEPANOVICH, RU  
[72] KRUTOVA, ELENA IGOREVNA, RU  
[72] FROLOV, DMITRY VLADIMIROVICH, RU  
[71] INTELLIKRAFT LIMITED, GB  
[85] 2001-06-28  
[86] 1998-12-30 (PCT/RU98/00446)  
[87] 2000-07-13 (WO00/40506)

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[13] A1  
[51] **Int.Cl. 7B01F 17/00 7C05G 3/00 7C10M 173/00 7A01N 25/04 7C06B 47/14 7A01N 25/30 7C10L 1/32**  
[25] EN  
[54] **EMULSION COMPOSITIONS**  
[54] **COMPOSITIONS POUR EMULSIONS**  
[72] BUSH, JAMES H., US  
[71] THE LUBRIZOL CORPORATION, US  
[85] 2001-06-28  
[86] 1999-12-15 (PCT/US99/29686)  
[87] 2000-07-13 (WO00/40327)  
[30] US (09/222,662) 1998-12-30

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[21] **2,357,041**  
[13] A1  
[51] **Int.Cl. 7H01Q 11/08 7H01Q 1/24**  
[25] EN  
[54] **AN ANTENNA**  
[54] **ANTENNE**  
[72] LEISTEN, OLIVER PAUL, GB  
[71] SARANTEL LIMITED, GB  
[85] 2001-06-28  
[86] 1999-11-19 (PCT/GB99/03885)  
[87] 2000-07-06 (WO00/39887)  
[30] GB (9828768.3) 1998-12-29

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[21] **2,357,042**  
[13] A1  
[51] **Int.Cl. 7A01N 43/38 7A61K 31/40**  
[25] EN  
[54] **3-HETEROARYLIDENYL-2-INDOLINONE COMPOUNDS FOR MODULATING PROTEIN KINASE ACTIVITY AND FOR USE IN CANCER CHEMOTHERAPY**  
[54] **COMPOSES 3-HETEROARYLIDENYL-2-INDOLINONE UTILISES POUR MODULATION DE L'ACTIVITE DE LA PROTEINE KINASE ET DANS LA CHIMIOThERAPIE DU CANCER**  
[72] SHAWVER, LAURA KAY, US  
[72] LANGECKER, PETER J., US  
[72] TANG, PENG CHO, US  
[72] SUN, LI, US  
[71] SUGEN, INC., US  
[85] 2001-06-27  
[86] 1999-12-30 (PCT/US99/31232)  
[87] 2000-07-06 (WO00/38519)  
[30] US (60/114,313) 1998-12-31

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[21] **2,357,043**  
[13] A1  
[51] **Int.Cl. 7B65D 85/20**  
[25] EN  
[54] **STERILE PACKAGING FOR FLEXIBLE ENDOSCOPES**  
[54] **EMBALLAGE STERILE POUR ENDOSCOPES SOUPLES**  
[72] ADDY, TRALANCE, US  
[72] TIMM, DEBRA, US  
[72] WU, SU-SYIN, US  
[71] ETHICON, INC., US  
[85] 2001-06-27  
[86] 1999-12-29 (PCT/US99/31101)  
[87] 2000-07-06 (WO00/39003)  
[30] US (60/114,288) 1998-12-30

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[21] **2,357,044**  
[13] A1  
[51] **Int.Cl. 7B65D 73/00**  
[25] EN  
[54] **FOLDED CARDBOARD ARTICLE FOR PACKAGING KNIVES**  
[54] **ARTICLE EN CARTON PLIE SERVANT A EMBALLER DES COUTEAUX**  
[72] SANELLI, ENRICO, IT  
[71] SANELLI, ENRICO, IT  
[85] 2001-06-27  
[86] 2000-10-19 (PCT/EP00/10346)  
[87] 2001-05-03 (WO01/30666)  
[30] IT (MI99U000653) 1999-10-28

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[21] **2,357,045**  
[13] A1  
[51] **Int.Cl. 7C11D 3/22 7C11D 3/04**  
[25] EN  
[54] **DETERGENT COMPOSITIONS HAVING A CELLULOSE POLYMER**  
[54] **COMPOSITIONS DETERGENTES CONTENANT UN POLYMERE DE CELLULOSE**  
[72] WANG, JIPING, US  
[72] MURATA, SUSUMU, US  
[72] BABA, HAJIME, JP  
[71] THE PROCTOR & GAMBLE COMPANY, US  
[85] 2001-06-28  
[86] 1999-01-13 (PCT/US99/00145)  
[87] 2000-07-20 (WO00/42144)

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[13] A1  
[51] **Int.Cl. 7C11D 3/386 7C11D 1/02 7C11D 1/75 7C11D 1/83**  
[25] EN  
[54] **DETERGENT COMPOSITIONS COMPRISING A PECTATE LYASE AND A SPECIFIC SURFACTANT SYSTEM**  
[54] **COMPOSITIONS DETERGENTES CONTENANT UNE PECTATE LYASE ET UN SYSTEME TENSIOACTIF SPECIFIQUE**  
[72] ZHU, YONG, US  
[72] BETTIOL, JEAN-LUC PHILIPPE, BE  
[72] SHOWELL, MICHAEL STANFORD, US  
[72] BUSCH, ALFRED, BE  
[72] WELLS, ERIC C., US  
[72] MOESE, ROSA LAURA, US  
[71] THE PROCTOR & GAMBLE COMPANY, US  
[85] 2001-06-28  
[86] 2000-01-13 (PCT/US00/00794)  
[87] 2000-07-20 (WO00/42155)  
[30] US (PCT/US99/00797) 1999-01-14  
[30] US (PCT/US99/00800) 1999-01-14  
[30] US (PCT/US99/00806) 1999-01-14  
[30] US (PCT/US99/00790) 1999-01-14

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[13] A1  
[51] **Int.Cl. 7C11D 3/386 7C11D 3/28 7C11D 3/34 7C11D 3/39**  
[25] EN  
[54] **DETERGENT COMPOSITIONS COMPRISING A PECTATE LYASE AND A BLEACH SYSTEM**  
[54] **COMPOSITIONS DETERGENTES COMPRENANT UNE LYASE DE PECTATE ET UN SYSTEME DE BLANCHIMENT**  
[72] SHOWELL, MICHAEL STANFORD, US  
[72] WELLS, ERIC C., US  
[72] BUSCH, ALFRED, BE  
[72] MOESE, ROSA LAURA, US  
[72] BETTIOL, JEAN-LUC PHILIPPE, BE  
[72] ZHU, YONG, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-06-28  
[86] 2000-01-13 (PCT/US00/00838)  
[87] 2000-07-20 (WO00/42156)  
[30] US (PCT/US99/00790) 1999-01-14  
[30] US (PCT/US99/00800) 1999-01-14  
[30] US (PCT/US99/00801) 1999-01-14  
[30] US (PCT/US99/00802) 1999-01-14  
[30] US (PCT/US99/00803) 1999-01-14

[21] **2,357,048**  
[13] A1  
[51] **Int.Cl. 7G06F 17/22 7G06F 17/30**  
[25] EN  
[54] **METHOD AND APPARATUS OF PROCESSING SEMISTRUCTURED TEXTUAL DATA**  
[54] **PROCEDE ET DISPOSITIF POUR TRAITEMENT DE DONNEES DE TEXTE SEMI-STRUCTUREES**  
[72] COUPAYE, THIERRY, FR  
[72] ETZOLD, THURE, GB  
[71] LION BIOSCIENCE AG, DE  
[85] 2001-06-28  
[86] 1999-12-23 (PCT/EP99/10383)  
[87] 2000-07-13 (WO00/41094)  
[30] EP (98124868.5) 1998-12-30

[21] **2,357,049**  
[13] A1  
[51] **Int.Cl. 7H02N 1/00**  
[25] EN  
[54] **POLYMER MICROACTUATOR ARRAY WITH MACROSCOPIC FORCE AND DISPLACEMENT**  
[54] **GROUPEMENT D'ELEMENTS DE COMMANDE FAIBLEMENT DIMENSIONNES EXERCANT UNE FORCE ET UN DEPLACEMENT MACROSCOPIQUES**  
[72] HORNING, ROBERT D., US  
[72] HERB, WILLIAM R., US  
[72] CABUZ, CLEOPATRA, US  
[71] HONEYWELL INC., US  
[85] 2001-06-28  
[86] 1999-11-23 (PCT/US99/28066)  
[87] 2000-07-06 (WO00/39914)  
[30] US (09/223,368) 1998-12-29

[21] **2,357,050**  
[13] A1  
[51] **Int.Cl. 7C08G 18/12 7D06N 7/00 7C08G 18/08 7D06N 3/14 7C08J 9/30**  
[25] EN  
[54] **POLYURETHANE FOAMS PREPARED FROM MECHANICALLY FROTHED POLYURETHANE DISPERSIONS**  
[54] **MOUSSES POLYURETHANES PREPAREES A PARTIR DE DISPERSIONS POLYURETHANES MECANIQUEMENT ECUMEEES**  
[72] TABOR, RICK L., US  
[72] GRIBBLE, MICHAEL Y., CH  
[72] VAN BELLEGEM, PAULUS C. J. M., NL  
[72] KENNEDY, JAMES G., NL  
[72] SCHROCK, ALAN K., US  
[72] JAKUBOWSKI, JAMES J., US  
[71] THE DOW CHEMICAL COMPANY, US  
[85] 2001-06-28  
[86] 1999-12-16 (PCT/US99/30121)  
[87] 2000-07-06 (WO00/39178)  
[30] US (60/114,035) 1998-12-29

[21] **2,357,051**  
[13] A1  
[51] **Int.Cl. 7H02G 15/013**  
[25] EN  
[54] **END SEAL ASSEMBLY FOR A SPLICE CASE**  
[54] **ENSEMBLE JOINT D'EXTREMITE POUR ENVELOPPE D'EPISSURE**  
[72] SMITH, RUSSELL P., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2001-06-28  
[86] 2000-01-25 (PCT/US00/02088)  
[87] 2000-08-03 (WO00/45491)  
[30] US (60/117,376) 1999-01-27  
[30] US (09/457,837) 1999-12-09

[21] **2,357,413**  
[13] A1  
[51] **Int.Cl. 7A61K 31/05 7A61K 39/00 7A61P 17/00 7A61K 38/19 7A61K 39/39 7A61K 35/78**  
[25] EN  
[54] **SENSITIZING AGENTS FOR THE TREATMENT OF SKIN LESIONS**  
[54] **TRAITEMENT DE LESIONS CUTANEEES**  
[72] SOSIN, HOWARD B., US  
[72] GOLDBERG, HARRY, US  
[72] SAMPSON, HUGH, US  
[71] PANACEA PHARMACEUTICALS, LLC, US  
[85] 2001-06-21  
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[13] A1

[51] **Int.Cl. 7G02B 5/124**  
[25] EN  
[54] **CUBE CORNER CAVITY BASED RETROREFLECTORS WITH TRANSPARENT FILL MATERIAL**  
[54] **RETROREFLECTEURS UTILISANT UNE CAVITE EN FORME DE TRIEDRE TRIRECTANGLE DOTES D'UNE MATIERE DE REMPLISSAGE TRANSPARENTE**  
[72] CRATON, MICHELE A., US  
[72] WILSON, BRUCE B., US  
[72] SMITH, KENNETH L., US  
[72] LUEHRS, ROGER E., US  
[72] DANIELS, MICHAEL P., US  
[72] FREY, CHERYL M., US  
[72] BENSON, GERALD M., US  
[72] CODERRE, JAMES C., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2001-06-29  
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[87] 2000-07-20 (WO00/42453)  
[30] US (09/228,367) 1999-01-11

[21] **2,357,427**  
[13] A1

[51] **Int.Cl. 7G01R 31/00**  
[25] EN  
[54] **CURRENT MEASURING METHOD AND DEVICE**  
[54] **PROCEDE ET DISPOSITIF DE MESURE DU COURANT**  
[72] CORNELIUS, LAUREN K., US  
[72] NETTER, PAUL L., US  
[72] RICOULT, DANIEL L., US  
[72] TICK, PAUL A., US  
[72] BROCHETON, YVES A., FR  
[72] BORRELLI, NICHOLAS F., US  
[71] CORNING INCORPORATED, US  
[85] 2001-06-26  
[86] 1999-12-15 (PCT/US99/29779)  
[87] 2000-07-13 (WO00/40979)  
[30] EP (99400016.4) 1999-01-05  
[30] US (60/116,706) 1999-01-22

[21] **2,357,439**  
[13] A1

[51] **Int.Cl. 7G01R 31/00 7G01J 4/00**  
[25] EN  
[54] **GLASS FIBER, CURRENT SENSOR AND METHOD**  
[54] **FIBRE DE VERRE, DETECTEUR DE COURANT, ET PROCEDE CORRESPONDANT**  
[72] MAYOLET, ALEXANDRE M., FR  
[72] BROCHETON, YVES A., FR  
[72] BORRELLI, NICHOLAS F., US  
[71] CORNING INCORPORATED, US  
[85] 2001-06-26  
[86] 1999-12-15 (PCT/US99/29695)  
[87] 2000-07-13 (WO00/40978)  
[30] EP (99400015.6) 1999-01-05  
[30] US (60/116,669) 1999-01-22

[21] **2,357,486**  
[13] A1

[51] **Int.Cl. 7G02B 6/42**  
[25] EN  
[54] **INTEGRATED MICROELECTROMECHANICAL ALIGNMENT AND LOCKING APPARATUS AND METHOD FOR FIBER OPTIC MODULE MANUFACTURING**  
[54] **APPAREIL D'ALIGNEMENT ET DE BLOCAGE MICROMECHANIQUE ET PROCEDE DE FABRICATION DE MODULE A FIBRES OPTIQUES**  
[72] BERANEK, MARK W., US  
[72] HAAKE, JOHN M., US  
[71] THE BOEING COMPANY, US  
[85] 2001-06-28  
[86] 1999-10-25 (PCT/US99/26108)  
[87] 2000-07-13 (WO00/41021)  
[30] US (09/223,028) 1998-12-30

[21] **2,357,496**  
[13] A1

[51] **Int.Cl. 7H04B 10/17 7H04J 14/02**  
[25] EN  
[54] **OPTICAL AMPLIFIER WITH POWER DEPENDENT FEEDBACK**  
[54] **AMPLIFICATEUR OPTIQUE AVEC RETOUR DEPENDANT DE LA PUISSANCE**  
[72] HALL, DOUGLAS W., US  
[72] COWLE, GREGORY J., US  
[72] MCNAMARA, THOMAS W., US  
[72] WANG, CHIA C., US  
[71] CORNING INCORPORATED, US  
[85] 2001-06-26  
[86] 1999-12-14 (PCT/US99/29620)  
[87] 2000-07-13 (WO00/41346)  
[30] US (60/114,996) 1999-01-06

[21] **2,357,518**  
[13] A1

[51] **Int.Cl. 7H04B 1/69**  
[25] EN  
[54] **METHOD FOR GENERATING COMPLEX QUASI-ORTHOGONAL CODE AND APPARATUS AND METHOD FOR SPREADING CHANNEL DATA USING THE QUASI-ORTHOGONAL CODE IN CDMA COMMUNICATION SYSTEM**  
[54] **PROCEDE DE GENERATION D'UN CODE QUASI-ORTHOGONAL COMPLEXE ET APPAREIL ET PROCEDE D'ETALEMENT DE DONNEES DE TRANSMISSION A L'AIDE DU CODE QUASI-ORTHOGONAL DANS UN SYSTEME DE COMMUNICATION AMRC**  
[72] YANG, KYEONG-CHEOL, KR  
[72] KIM, YOUNG-KY, KR  
[72] MAENG, SEUNG-JOO, KR  
[72] KIM, JAE-YOEL, KR  
[72] KANG, HEE-WON, KR  
[72] AHN, JAE-MIN, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2001-06-29  
[86] 2000-01-11 (PCT/KR00/00014)  
[87] 2000-07-20 (WO00/42711)  
[30] KR (1999/888) 1999-01-11  
[30] KR (1999/1339) 1999-01-14  
[30] KR (1999/12563) 1999-04-09

[21] **2,357,525**  
[13] A1

[51] **Int.Cl. 7A01N 43/56 7A61K 31/415**  
[25] EN  
[54] **TREATING CANCERS ASSOCIATED WITH OVEREXPRESSION OF HER-2/NEU**  
[54] **TRAITEMENT DE CANCERS ASSOCIE A LA SUREXPRESSION DE HER-2/NEU**  
[72] SUBBARAMAIAH, KOTHA, US  
[72] DANNENBERG, ANDREW J., US  
[71] CORNELL RESEARCH FOUNDATION, INC., US  
[85] 2001-06-26  
[86] 2000-01-10 (PCT/US00/00007)  
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[13] A1  
[51] **Int.Cl. 7C10G 71/00 7C10G 11/00 7C10G 11/02 7C10G 47/02 7C10G 11/04 7C10G 47/04**  
[25] EN  
[54] **HYDROPROCESSING USING BULK GROUP VIII/GROUP VIB CATALYSTS**  
[54] **METHODE HYDRAULIQUE D’AFFINAGE METTANT EN OEUVRE DES CATALYSEURS EN VRAC DES GROUPES VIII ET VIB**  
[72] HANTZER, SYLVAIN S., US  
[72] RILEY, KENNETH LLOYD, US  
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US  
[85] 2001-06-28  
[86] 2000-01-14 (PCT/US00/01007)  
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[30] US (09/231,156) 1999-01-15

[21] **2,357,543**  
[13] A1  
[51] **Int.Cl. 7D21G 3/00**  
[25] EN  
[54] **DOCTOR BLADE MOUNTING ASSEMBLY**  
[54] **ENSEMBLE MONTAGE DE RACLE**  
[72] GOODNOW, RONALD F., US  
[72] BENOIT, DAVID A., US  
[72] BRAUNS, ALLEN, US  
[71] THERMO WEB SYSTEMS, INC., US  
[85] 2001-06-29  
[86] 2000-01-24 (PCT/US00/01657)  
[87] 2000-08-03 (WO00/44981)  
[30] US (60/117,951) 1999-01-29

[21] **2,357,548**  
[13] A1  
[51] **Int.Cl. 7D21C 11/08 7D21C 11/06**  
[25] EN  
[54] **A METHOD OF CLEANING SULFIDE CONTAMINATED CONDENSATES**  
[54] **PROCEDE PERMETTANT D’EPURER LES CONDENSATS SULFURES**  
[72] SANDQUIST, KENT K., SE  
[72] WENNBERG, OLLE, SE  
[71] EXCELENTTEC HOLDING AB, SE  
[85] 2001-06-29  
[86] 1999-11-24 (PCT/SE99/02170)  
[87] 2000-06-15 (WO00/34569)  
[30] SE (9804061-1) 1998-11-26

[21] **2,357,551**  
[13] A1  
[51] **Int.Cl. 7H04L 27/26**  
[25] EN  
[54] **MULTICARRIER TRANSMISSION SYSTEM WITH LOW POWER SLEEP MODE AND RAPID-ON-CAPABILITY**  
[54] **SYSTEME DE TRANSMISSION A PORTEUSES MULTIPLES AVEC MODE SOMMEIL A FAIBLE CONSOMMATION ET FONCTION MISE EN MARCHÉ RAPIDE**  
[72] GRESZCZUK, JOHN A., US  
[72] GROSS, RICHARD W., US  
[72] PADIR, HALIL, US  
[72] TZANNES, MICHAEL A., US  
[71] AWARE, INC., US  
[85] 2001-06-29  
[86] 1999-01-26 (PCT/US99/01539)  
[87] 2000-08-03 (WO00/45559)

[21] **2,357,568**  
[13] A1  
[51] **Int.Cl. 7G09F 3/00**  
[25] EN  
[54] **LABELER FOR PIPES, CONDUITS, TUBES, AND RODS**  
[54] **MARQUEUR POUR TUYAUX, CONDUITS, TUBES ET TIGES**  
[72] BOIRE, JANET L., US  
[72] BOIRE, MARTIN C., US  
[71] VOLUSIA HOLDING CORPORATION, THE, US  
[85] 2001-06-29  
[86] 2000-01-18 (PCT/US00/01171)  
[87] 2000-07-27 (WO00/43273)  
[30] US (09/233,397) 1999-01-19

[21] **2,357,577**  
[13] A1  
[51] **Int.Cl. 7C12N 15/53 7C12N 9/02**  
[25] EN  
[54] **PHENOL OXIDIZING ENZYMES**  
[54] **ENZYMES D’OXYDATION DU PHENOL**  
[72] BODIE, ELIZABETH A., US  
[72] WANG, HUAMING, US  
[71] GENENCOR INTERNATIONAL, INC., US  
[85] 2001-06-21  
[86] 1999-12-20 (PCT/US99/31009)  
[87] 2000-06-29 (WO00/37654)  
[30] US (09/220,871) 1998-12-23  
[30] US (09/338,723) 1999-06-23

[21] **2,357,601**  
[13] A1  
[51] **Int.Cl. 7C12Q 1/68 7C12P 19/34**  
[25] EN  
[54] **MUTATION SCANNING ARRAY, AND METHODS OF USE THEREOF**  
[54] **RESEAU DE BALAYAGE DE MUTATION ET METHODE D’UTILISATION**  
[72] MAKRIGIORGOS, G. MIKE, US  
[71] DANA-FARBER CANCER INSTITUTE, INC., US  
[85] 2001-06-28  
[86] 1999-12-29 (PCT/US99/31177)  
[87] 2000-07-06 (WO00/39345)  
[30] US (60/114,196) 1998-12-30

[21] **2,357,604**  
[13] A1  
[51] **Int.Cl. 6G01V 1/28**  
[25] EN  
[54] **METHOD FOR IDENTIFYING AND REMOVING MULTIPLES FROM SEISMIC REFLECTION DATA**  
[54] **PROCEDE D’IDENTIFICATION ET D’ELIMINATION DES REFLEXIONS MULTIPLES DES DONNEES SISMIQUES DE REFLEXION**  
[72] LAU, YIU-WA AUGUST, US  
[72] GASPAROTTO, FERNANDA A., US  
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US  
[85] 2001-07-06  
[86] 1999-11-29 (PCT/US99/28208)  
[87] 2000-07-13 (WO00/41005)  
[30] US (09/227,745) 1999-01-08

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[13] A1  
[51] **Int.Cl. 7H03M 13/27 7H03M 13/29**  
[25] EN  
[54] **EFFICIENT IMPLEMENTATION OF PROPOSED TURBO CODE INTERLEAVERS FOR THIRD GENERATION CODE DIVISION MULTIPLE ACCESS**  
[54] **MISE EN OEUVRE EFFICACE D'ENTRELACEURS DE CODE TURBO PROPOSES DESTINES A LA TROISIEME GENERATION D'ACCES MULTIPLE PAR REPARTITION DE CODE**  
[72] TONG, WEN, CA  
[72] CUI, JIAN, CA  
[72] LI, BIN, CA  
[72] WANG, RUI R., CA  
[71] NORTEL NETWORKS LIMITED, CA  
[85] 2001-06-08  
[86] 1999-12-06 (PCT/IB99/01937)  
[87] 2000-06-15 (WO00/35101)  
[30] US (60/111,747) 1998-12-10

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[13] A1  
[51] **Int.Cl. 7H01J 49/00 7H01J 49/04 7H01J 49/10 7G01N 27/26**  
[25] EN  
[54] **ELECTRO-PNEUMATIC DISTRIBUTOR FOR MULTIPLEXED .MU.-TAS DEVICES**  
[54] **DISTRIBUTEUR ELECTRO-PNEUMATIQUE POUR DISPOSITIFS A MICROSYSTEMES ANALYTIQUES MULTIPLEXES**  
[72] LIU, HUANGHUI, US  
[72] FORET, FRANTISEK, US  
[72] KARGER, BARRY L., US  
[71] NORTHEASTERN UNIVERSITY, US  
[85] 2001-07-06  
[86] 2000-01-07 (PCT/US00/00470)  
[87] 2000-07-13 (WO00/41214)  
[30] US (60/115,167) 1999-01-08

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[13] A1  
[51] **Int.Cl. 7C25B 9/00 7C25B 1/04**  
[25] EN  
[54] **INTEGRAL SCREEN/FRAME ASSEMBLY FOR AN ELECTROCHEMICAL CELL**  
[54] **ENSEMBLE INTEGRE TREILLIS/TRAME POUR CELLULE ELECTROCHIMIQUE**  
[72] MOULTHROP, LAWRENCE C. JR., US  
[72] SPERANZA, ANTONIO J., US  
[72] MOLTER, TRENT M., US  
[72] DRISTY, MARK E., US  
[71] PROTON ENERGY SYSTEMS, INC., US  
[85] 2001-06-29  
[86] 1999-12-17 (PCT/US99/30085)  
[87] 2000-07-06 (WO00/39363)  
[30] US (60/114,355) 1998-12-29

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[13] A1  
[51] **Int.Cl. 7F17D 5/02 7G01M 3/22**  
[25] EN  
[54] **GEOREFERENCED MONITORING SYSTEM**  
[54] **SYSTEME DE CONTROLE GEOREFERENCE**  
[72] KATZENBACH, BURKHARD, DE  
[72] HOMANN, KLAUS, DE  
[71] WESTFALISCHE GASVERSORGUNGS AG & CO. KG, DE  
[85] 2001-06-29  
[86] 1999-12-27 (PCT/EP99/10394)  
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[30] DE (198 60 892.6) 1998-12-31  
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[13] A1  
[51] **Int.Cl. 7E21B 43/40 7B01D 45/16**  
[25] EN  
[54] **METHOD FOR REMOVING CONDENSABLES FROM A NATURAL GAS STREAM**  
[54] **PROCEDE D'EVACUATION DE CONDENSABLES D'UN FLUX DE GAZ NATUREL**  
[72] VAN BERLO, ANDRE OLGAR HENRY, NL  
[72] TJEENK WILLINK, CORNELIS ANTONIE, NL  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 2001-06-28  
[86] 1999-12-29 (PCT/EP99/10497)  
[87] 2000-07-13 (WO00/40835)  
[30] US (09/223,885) 1998-12-31  
[30] US (09/223,887) 1998-12-31

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[13] A1  
[51] **Int.Cl. 7G02B 6/02 7G01N 1/10**  
[25] EN  
[54] **FLUORESCENCE BASED LIQUID CORE WAVEGUIDE**  
[54] **GUIDE D'ONDE A NOYAU LIQUIDE BASE SUR LA FLUORESCENCE**  
[72] LANGEBRAKE, LAWRENCE C., US  
[72] BYRNE, BOB, US  
[72] KALTENBACHER, ERIC, US  
[72] WATERBURY, ROBERT, US  
[71] UNIVERSITY OF SOUTH FLORIDA, US  
[85] 2001-06-28  
[86] 1999-12-22 (PCT/US99/30774)  
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[30] US (60/114,354) 1998-12-29  
[30] US (60/114,212) 1998-12-29

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

<p>[21] <b>2,350,875</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 7/36</b> [25] EN [54] <b>METHOD FOR SELF-CALIBRATION OF A WIRELESS COMMUNICATION SYSTEM</b> [54] <b>METHODE D'AUTOETALONNAGE POUR SYSTEMES DE COMMUNICATION SANS FIL</b> [72] BENVENISTE, MATHILDE, US [71] AT&amp;T CORP., US [22] 1997-05-08 [43] 1998-04-25 [62] 2,204,815 [30] US (736,871) 1996-10-25</p>	<p>[21] <b>2,354,687</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04B 1/69 7H04B 7/216</b> [25] EN [54] <b>SYNCHRONOUS SPREAD-SPECTRUM COMMUNICATIONS SYSTEM AND METHOD</b> [54] <b>SYSTEME ET METHODE DE COMMUNICATION SYNCHRONES A ETALEMENT DU SPECTRE</b> [72] SCHILLING, DONALD L., US [71] INTERDIGITAL TECHNOLOGY CORPORATION, US [22] 1991-12-10 [43] 1992-06-15 [62] 2,320,678 [30] US (07/626,109) 1990-12-14</p>	<p>[21] <b>2,355,192</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 7/36 7H04Q 11/02 7H04L 12/56</b> [25] EN [54] <b>PACKET DATA COMMUNICATION SYSTEM</b> [54] <b>SYSTEME DE TRANSMISSION DE DONNEES PAR PAQUETS</b> [72] TYMES, LAROY, US [71] SYMBOL TECHNOLOGIES, INC., US [22] 1991-09-12 [43] 1992-06-29 [62] 2,051,212 [30] US (635,859) 1990-12-28</p>
<p>[21] <b>2,354,251</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01P 5/00 7H01P 7/00</b> [25] EN [54] <b>COUPLING MECHANISM FOR TE011 AND TE01.DELTA. MODE RESONATORS</b> [54] <b>MECANISME DE COUPLAGE POUR RESONATEURS A MODES TE011 ET TE01</b> [72] LOI, KEITH N., US [72] TATOMIR, PAUL J., US [71] THE BOEING COMPANY, US [22] 1998-08-27 [43] 1999-02-28 [62] 2,246,034 [30] US (924,450) 1997-08-28</p>	<p>[21] <b>2,355,191</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C06B 29/04</b> [25] EN [54] <b>FERROPHOSPHORUS CONTAINING MATCH HEAD FORMULATIONS</b> [54] <b>PREPARATIONS DE TETES D'ALLUMETTES CONTENANT DU FERROPHOSPHORE</b> [72] COX, MICHAEL GRAHAM CAREY, GB [71] Bryant &amp; May Ltd., GB [22] 1991-12-06 [43] 1992-07-09 [62] 2,057,195 [30] GB (9100308.7) 1991-01-08</p>	<p>[21] <b>2,355,194</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G10L 19/02 7H04J 1/08 7G10L 19/12</b> [25] EN [54] <b>WIDEBAND SPEECH DECODER</b> [54] <b>DECODEUR DE LANGAGE A LARGE BANDE</b> [72] SERIZAWA, MASAHIRO, JP [71] NEC CORPORATION, JP [22] 1997-06-20 [43] 1997-12-21 [62] 2,208,384 [30] JP (161286/1996) 1996-06-21</p>
		<p>[21] <b>2,355,318</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04L 29/06 7H04L 29/10 7G06F 13/42</b> [25] EN [54] <b>REMOTE PROXY SYSTEM AND METHOD</b> [54] <b>SYSTEME PROXY DISTANT ET PROCEDE</b> [72] HOVEY, RICHARD REID, US [72] KRAMER, MICHAEL, US [72] WANG, YANG-WEI, US [71] BELL COMMUNICATIONS RESEARCH, INC., US [22] 1996-03-26 [43] 1997-09-25 [62] 2,247,536 [30] US (08/614,612) 1996-03-22</p>



## Canadian Divisional and Previously Unavailable Laid-Open applications

[21] **2,355,987**  
[13] A1

[51] **Int.Cl. 7C07C 233/11 7A61P 29/00 7A61P 21/02 7A61P 25/08 7A61K 31/165 7C07D 295/185 7A61P 25/22 7C07C 235/34 7A61K 31/353 7A61K 31/5375 7C07D 311/58**  
[25] EN  
[54] **BICYCLIC AMIDE DERIVATIVES AND THEIR USE AS MUSCLE RELAXANTS**  
[54] **DERIVES D'AMIDE BICYCLIQUES ET LEUR EMPLOI COMME MYORELAXANTS**  
[72] KELLEY, JAMES LEROY, US  
[72] MCLEAN, ED WILLIAMS, US  
[72] COOPER, BARRETT RANDOLPH, US  
[72] RIGDON, GREGORY COOKSEY, US  
[72] SELPH, JEFFREY LEAMAN, US  
[72] ORR, GLORIA FAYE, US  
[72] MUSSO, DAVID LEE, US  
[72] STYLES, VIRGIL LEE, US  
[71] THE WELLCOME FOUNDATION LIMITED, GB  
[22] 1994-05-10  
[43] 1994-11-24  
[62] 2,162,708  
[30] GB (9309621.1) 1993-05-11

[21] **2,356,041**  
[13] A1

[51] **Int.Cl. 7G10L 19/12**  
[25] EN  
[54] **EXCITATION VECTOR GENERATOR, SPEECH CODER AND SPEECH DECODER**  
[54] **GENERATRICE A TRAITEMENT VECTORIEL EXCITE, VOIX CODER/DECODER**  
[72] EHARA, HIROYUKI, JP  
[72] WATANABE, TAISUKE, JP  
[72] YASUNAGA, KAZUTOSHI, JP  
[72] MORII, TOSHIYUKI, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[22] 1997-11-06  
[43] 1998-05-14  
[62] 2,242,345  
[30] JP (8-294738) 1996-11-07  
[30] JP (8-310324) 1996-11-21  
[30] JP (9-34582) 1997-02-19  
[30] JP (9-34583) 1997-02-19

[21] **2,356,048**  
[13] A1

[51] **Int.Cl. 7C22B 23/00 7C22B 3/14**  
[25] EN  
[54] **PROCESS FOR THE RECOVERY OF NICKEL AND/OR COBALT FROM A CONCENTRATE**  
[54] **METHODE D'EXTRACTION DE NICKEL ET/OU COBALT D'UN MINERAI CONCENTRE**  
[72] JONES, DAVID L., CA  
[71] COMINCO ENGINEERING SERVICES LTD., CA  
[22] 1996-06-07  
[43] 1996-12-19  
[62] 2,221,940  
[30] US (08/488,128) 1995-06-07

[21] **2,356,049**  
[13] A1

[51] **Int.Cl. 7G10L 19/12**  
[25] EN  
[54] **EXCITATION VECTOR GENERATOR, SPEECH CODER AND SPEECH DECODER**  
[54] **GENERATRICE A TRAITEMENT VECTORIEL EXCITE, VOIX CODER/DECODER**  
[72] YASUNAGA, KAZUTOSHI, JP  
[72] EHARA, HIROYUKI, JP  
[72] MORII, TOSHIYUKI, JP  
[72] WATANABE, TAISUKE, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[22] 1997-11-06  
[43] 1998-05-14  
[62] 2,242,345  
[30] JP (8-294738) 1996-11-07  
[30] JP (8-310324) 1996-11-21  
[30] JP (9-34582) 1997-02-19  
[30] JP (9-34583) 1997-02-19

[21] **2,356,050**  
[13] A1

[51] **Int.Cl. 7C22B 23/00 7C22B 3/04**  
[25] EN  
[54] **PROCESS FOR THE SOLVENT EXTRACTION OF NICKEL AND COBALT VALUES IN THE PRESENCE OF MAGNESIUM IONS FROM A SOLUTION**  
[54] **METHODE D'EXTRACTION D'UN SOLVANT DU NICKEL ET COBALT EN PRESENCE D'IONS DE MAGNESIUM D'UNE SOLUTION**  
[72] JONES, DAVID L., CA  
[71] COMINCO ENGINEERING SERVICES LTD., CA  
[22] 1996-06-07  
[43] 1996-12-19  
[62] 2,221,940  
[30] US (08/488,128) 1995-06-07

[21] **2,356,051**  
[13] A1

[51] **Int.Cl. 7G10L 19/12**  
[25] EN  
[54] **EXCITATION VECTOR GENERATOR, SPEECH CODER AND SPEECH DECODER**  
[54] **GENERATRICE A TRAITEMENT VECTORIEL EXCITE, VOIX CODER/DECODER**  
[72] YASUNAGA, KAZUTOSHI, JP  
[72] EHARA, HIROYUKI, JP  
[72] MORII, TOSHIYUKI, JP  
[72] WATANABE, TAISUKE, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[22] 1997-11-06  
[43] 1998-05-14  
[62] 2,242,345  
[30] JP (8-294738) 1996-11-07  
[30] JP (8-310324) 1996-11-21  
[30] JP (9-34582) 1997-02-19  
[30] JP (9-34583) 1997-02-19

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

[21] **2,356,073**  
[13] A1

[51] **Int.Cl. 7H04L 9/00 7H04L 29/02 7H04Q 7/24**  
[25] EN  
[54] **SYSTEM AND METHOD FOR PUSHING INFORMATION FROM A HOST SYSTEM TO A MOBILE DATA COMMUNICATION DEVICE**  
[54] **SYSTEME ET METHODE D'ACHEMINEMENT DE L'INFORMATION D'UN SYSTEME HOTE A UN DISPOSITIF DE TRANSMISSION DE DONNEES MOBILE**  
[72] MOUSSEAU, GARY P., CA  
[72] LAZARIDIS, MIHAL, CA  
[71] RESEARCH IN MOTION LIMITED, CA  
[22] 1998-08-18  
[43] 1999-11-29  
[62] 2,245,157  
[30] US (09/087,623) 1998-05-29

[21] **2,356,076**  
[13] A1

[51] **Int.Cl. 7H04Q 7/38 7H04B 1/69**  
[25] EN  
[54] **SOFT HANDOFF IN A CDMA CELLULAR TELEPHONE SYSTEM**  
[54] **TRANSFERT DOUX DANS UN SYSTEME DE TELEPHONIE CELLULAIRE AMDC**  
[72] WHEATLEY, CHARLES E., III, US  
[72] GILHOUSEN, KLEIN S., US  
[72] PADOVANI, ROBERTO, US  
[71] QUALCOMM INCORPORATED, US  
[22] 1990-11-05  
[43] 1991-05-16  
[62] 2,073,027  
[30] US (433,030) 1989-11-07

[21] **2,356,095**  
[13] A1

[51] **Int.Cl. 7A47B 88/04**  
[25] EN  
[54] **DRAWER FOR STANDARDIZED FURNITURE UNIT**  
[54] **TIROIR POUR ELEMENT DE MOBILIER STANDARD**  
[72] SCHNELL, CHAD M., US  
[72] MILLER, GROVER L., US  
[72] HENRIOTT, JAY M., US  
[72] DAVIS, GREGORY K., US  
[71] KIMBALL INTERNATIONAL, INC., US  
[22] 1998-09-08  
[43] 1999-03-09  
[62] 2,246,880  
[30] US (60/058,311) 1997-09-09  
[30] US (09/146,479) 1998-09-03

[21] **2,356,102**  
[13] A1

[51] **Int.Cl. 7H04Q 9/00 7H04M 11/00**  
[25] EN  
[54] **SYSTEM AND METHOD FOR TRIGGERING ACTIONS AT A HOST COMPUTER BY TELEPHONE**  
[54] **SYSTEME ET METHODE POUR DECLENCHEUR PAR TELEPHONE DES OPERATIONS DANS UN ORDINATEUR HOTE**  
[72] CARMELLO, SALVATORE, US  
[72] VESEL, RICHARD, US  
[71] Softell, US  
[22] 1997-05-20  
[43] 1997-11-30  
[62] 2,205,693  
[30] US (08/663,462) 1996-05-30

[21] **2,356,534**  
[13] A1

[51] **Int.Cl. 7F04C 18/02 7F04C 29/02**  
[25] EN  
[54] **SCROLL APPARATUS WITH ENHANCED LUBRICATION**  
[54] **APPAREIL A VOLUTE, A LUBRIFICATION AMELIOREE**  
[72] HILL, JOE T., US  
[72] FIELDS, GENE M., US  
[72] UTTER, ROBERT E., US  
[72] WILLIAMS, JOHN R., US  
[71] ALLIANCE COMPRESSORS, US  
[22] 1994-09-01  
[43] 1995-03-30  
[62] 2,172,396  
[30] US (08/125,684) 1993-09-22

[21] **2,356,538**  
[13] A1

[51] **Int.Cl. 7G01R 31/34 7G06F 19/00 7H02K 15/00 7G07C 3/14**  
[25] EN  
[54] **MODEL-BASED FAULT DETECTION SYSTEM FOR ELECTRIC MOTORS**  
[54] **SYSTEME DE DETECTION DE PANNES A L'AIDE D'UN MODELE POUR MOTEURS ELECTRIQUES**  
[72] ALBAS, EVREN, TR  
[72] SERAFETTINOGLU, A. HAKAN, TR  
[72] DUYAR, AHMET, TR  
[72] DURAKBASA, OSMAN TUGRUL, TR  
[71] ARÇELIK A.S., TR  
[71] DUYAR, AHMET, TR  
[22] 1997-06-20  
[43] 1997-12-31  
[62] 2,260,773  
[30] TR (96/527) 1996-06-24

[21] **2,356,826**  
[13] A1

[51] **Int.Cl. 7H04L 9/32**  
[25] EN  
[54] **MULTIMEDIA INFORMATION SERVICE ACCESS**  
[54] **ACCES A UN SERVICE D'INFORMATION MULTIMEDIA**  
[72] AGRAHARAM, SANJAY, US  
[72] CIVANLAR, MEHMET REHA, US  
[72] RAMAMURTHY, RAM S., US  
[72] ROSEN, KENNETH H., US  
[72] STUNTEBECK, PETER H., US  
[72] PEREA, CARLOS ALBERTO, US  
[72] MORTENSON, ROBERT F., US  
[72] MARKOWITZ, ROBERT EDWARD, US  
[72] HASKELL, BARIN GEOFFRY, US  
[72] KUTHYAR, ASHOK K., US  
[71] AT&T CORP., US  
[22] 1997-04-07  
[43] 1997-11-15  
[62] 2,201,999  
[30] US (648,260) 1996-05-15

## Canadian Divisional and Previously Unavailable Laid-Open applications

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[21] **2,356,828**

[13] A1

[51] **Int.Cl. 7H04Q 3/47 7H04M 3/54**

[25] EN

[54] **CUSTOMER DEFINED CALL**

**SETUP**

[54] **ETABLISSEMENT D'APPEL**

**DEFINI PAR LE CLIENT**

[72] RATHORE, RAM N. S., US

[72] JAIN, AJAY K., US

[71] AT&T CORP., US

[22] 1998-10-14

[43] 1999-04-24

[62] 2,250,449

[30] US (08/957,428) 1997-10-24

# Index of Canadian Patents Issued

October 23, 2001

## Index des brevets canadiens délivrés

23 octobre 2001

ABB FLÄKT AB	2,104,577	AVENTIS	BLOOMFIELD INDUSTRIES
Abbott, John S.	2,034,772	PHARMACEUTICALS	CANADA LIMITED
Abrahams, Lawrence	1,341,310	INC.	2,294,666
Ackroyd, Rand H.	2,165,047	B.F. Goodrich Company (The)	2,092,538
Adams, Craig F.	2,033,562	BAKER HUGHES LIMITED	BOISVERT, Pierre
ADIR ET COMPAGNIE	2,079,189	BAKSHI, Rajeev K.	2,260,402
ADIR ET COMPAGNIE	2,085,570	Bara, Isabelle	BOLDUC, LEE
ADIR ET COMPAGNIE	2,107,150	BARAVETTO, John Thomas	2,276,204
ADIR ET COMPAGNIE	2,108,064	Barnes, Edwin Arthur	BOLKAN, Steven A.
ADIR ET COMPAGNIE	2,203,310	Bartholomew, Stephen W.	2,245,429
Advanced Composite Materials Corporation	2,138,007	Bartlett, Robert Ryder	Bonnet, Jacqueline
Agence Spatiale Européenne	2,059,457	Barudi, Samir E.	2,107,150
AGENCY OF INDUSTRIAL SCIENCE & TECHNOLOGY	2,145,816	BASF	Bono, Françoise
Ahlm-Söderberg, Christina	2,183,862	AKTIENGESELLSCHAFT	2,196,096
AKAMATSU, Satoshi	2,216,743	BASF	Boo, H. Khim
ALBERT, Jane	2,272,036	AKTIENGESELLSCHAFT	2,094,318
Albert, Luc	2,035,591	BASF	BOWLER, Paul Ralph
ALCON LABORATORIES, INC.	2,134,376	AKTIENGESELLSCHAFT	2,104,696
Allen, Richard Charles	2,035,397	BASF	BOYD, Thomas H.
ALLEN-BRADLEY COMPANY INC.	2,060,225	AKTIENGESELLSCHAFT	2,232,275
Allergan Inc.	2,087,606	BASF CORPORATION	Branan, John M., Jr.
Almond, Gordon S.	2,137,011	BASF CORPORATION	2,072,567
ALUSUISSE TECHNOLOGY & MANAGEMENT LTD.	2,192,040	Batliwalla, Neville S.	Braun, Eugene Ralph
Amcor Limited	2,112,116	BAYER CORPORATION	2,174,263
AMERICAN MEDICAL SYSTEMS, INC.	2,190,237	BECTON, DICKINSON AND COMPANY	Breda, Bernard
Andrus, Winfield Scott	2,190,237	BECTON, DICKINSON AND COMPANY	2,196,096
Appleman, Kenneth H.	1,341,310	Beer, Ludwig	BRENNAN, Sullivan
ARCO CHEMICAL TECHNOLOGY, L.P.	2,103,335	BEESEY, Laurence Robert	2,247,965
Aristech Chemical Corporation	2,152,475	Belachmi, Larbi	Brion, Jean-Daniel
ARMSTRONG, William R.	2,236,532	Bellar, Mel	2,107,150
Arteon, Marcel	2,035,895	Belle Banne Flexco Pty Limited	BRISCOE, Roy A.
ARx Technologies Inc.	2,191,540	BELLSOUTH INTELLECTUAL PROPERTY CORPORATION	2,204,797
Ashimori Engineering Co., Ltd.	2,040,186	BELOIT TECHNOLOGIES, INC.	BRISTOL-MYERS SQUIBB COMPANY
Ashimori Industry Co., Ltd.	2,040,186	Berkey, George Edward	2,142,946
Asta Medica AG	2,211,284	Bertz, Mark Charles	BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY
Aston, Stephen Charles	2,001,353	BETZDEARBORN INC.	2,178,746
ASTRA AKTIEBOLAG	2,039,655	Bezwada, Rao S.	BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY
Atkinson, Andrew David	2,178,746	Bhatnagar, Akhilesh K.	2,186,619
ATOFINA CHEMICALS, INC.	2,233,528	Bidouard, Jean-Pierre	BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY
Audeh, Costandi Amin	2,059,703	Bidwell, Alexander W.	2,231,447
AUDI, Richard Francois	2,219,144	BILCO TOOLS, INC.	BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY
AVENTIS PHARMA DEUTSCHLAND GMBH	2,032,772	BILODEAU, THOMAS DANIEL	2,240,517
AVENTIS PHARMA DEUTSCHLAND GMBH	2,083,179	Binns, Matthew McKinley	BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY
AVENTIS PHARMA INC.	2,035,499	Binns, Matthew McKinley	2,250,808
AVENTIS PHARMA INC.	2,040,058	BIOMIRA, INC.	Brittain, Robert D.
		Bitowft, Bruce Kevin	2,189,483
		Blair, William J.	BROGAN, Edward
		Blanc-Ferras, Elisabeth	2,247,965
		Blomet, Joël	Brookman, Marc Arthur
			2,051,181
			Brown University Research Foundation
			2,080,343
			BROX, WERNER
			2,302,963
			Bryant, Robert J.
			2,134,206
			Burgi, Rolf
			1,341,306
			BURKE, Robert J.
			2,204,797
			Bush, Ted W.
			2,072,567
			Cabot Corporation
			2,072,567
			CALABRESE, Andrew
			2,200,767
			Calhoun, Clyde D.
			2,039,655
			Callaghan, Daniel Clive
			2,169,835
			Cameron, Gordon Murray
			2,055,848
			CANON KABUSHIKI KAISHA
			2,169,816

## Index of Canadian Patents Issued October 23, 2001

Caprette, Samuel Joseph, Jr.	2,017,976	DELTA DRIVE SYSTEMS CORPORATION	2,295,585	Fetisov, Sergei Jurievich	2,178,527
Carbone, James	2,046,310	Demangeon, Francis	2,044,592	Filepp, Robert	1,341,310
CARMEN, Ralph H.	2,256,664	DEMISSY, Daniel	2,243,612	Finn, Martin Thomas	2,076,117
CAROLINA NARROW FABRIC COMPANY	2,176,609	Denton, Robert M.	2,193,599	Fjellestad-Paulsen, Anne	2,183,862
CARROLL, Phillip Patrick III	2,219,144	Descaves, Frédéric	2,174,567	FLACHSMANN, René	2,217,227
CARTER WALLACE, INC.	2,219,374	Desilets, Charles S.	2,190,237	FLANAGAN, Robert H.	2,236,890
CATCHPOLE, Andrew	2,250,808	Di Muzio, Nicola	2,043,743	FLEX PRODUCTS INC.	2,048,564
CAUDILL, Dan L.	2,258,360	DIETZ, Larry Edward	2,272,036	FLIGHT SAFETY TECHNOLOGIES, INC.	2,308,203
CC TECHNOLOGIES LABORATORIES, INC.	2,258,360	DiSANTO, Anthony R.	2,236,368	Fond, Olivier	2,046,557
CECCHI, Roberto	2,222,657	Dix, James K.	2,033,114	FORFAM, INC.	2,226,032
Cha, Sungman	2,080,343	DOBI MEDICAL SYSTEMS, LLC	2,126,227	FORSTER, ROBERT J.	2,215,345
Chandrasekaran, Kugalur	2,087,798	Doerge, Herman P.	2,038,051	FOXBORO COMPANY (THE)	2,072,014
Chapman, Peter Glanville	2,063,248	Dr. Karl Thomae Gesellschaft mit beschränkter Haftung	2,047,496	Fraiser, Melinda S.	2,144,495
Charles, Paul A. S.	2,087,798	DROPIEWSKI, Keith C.	2,205,635	Frank, Martin Werner	2,189,431
Charton, Yves	2,108,064	DU PONT (E. I.) DE NEMOURS AND COMPANY	2,028,487	Frean, Robert George	2,064,587
Chaufre, Christophe	2,194,544	DU PONT (E. I.) DE NEMOURS AND COMPANY	2,091,178	Freeman, Horace L.	2,176,609
Chaverot, Pierre	2,044,592	Ducasse, Catherine	2,196,096	French, John T.	2,174,717
CHEMTECH ANALYSIS INC.	2,231,254	Duhault, Jacques	2,108,064	Fujikawa, Shigeaki	2,043,625
CHERTKOW, Howard	2,239,281	DUNCAN INDUSTRIES PARKING CONTROL SYSTEMS CORP.	2,256,664	FUKANUMA, Tetsuhiko	2,207,960
CHIBA, Masaru	2,213,816	DUNCAN, Thomas	2,244,814	FULTON, Robert Harry	2,104,696
Chiu, John S.	2,062,788	DUPONT OPERATIONS WORLDWIDE, INC.	2,047,428	Fuoco, Rolland P.	2,033,114
Cho, Hidetsura	2,035,749	Dwek, Raymond A.	2,023,404	Fusi, Carlo	2,043,743
CHURCH & DWIGHT CO., INC.	2,245,429	Eastenson, Kyle D.	2,093,201	Galambos, James A.	1,341,310
CIBA-GEIGY AG	2,037,411	Eastenson, Kyle D.	2,098,536	Garner, Ronald N.	2,072,014
CLAPTON, Alan James	2,231,447	EATON CORPORATION	2,079,383	Gaulle, Eric	2,170,194
CLARIANT GMBH	2,053,860	EATON CORPORATION	2,174,263	GEC ALSTHOM T&D INC.	2,243,612
CLARK, John J.	2,240,344	Ehrhart, Peter	2,113,069	Gehret, Jean-Claude	2,037,411
CLINKSCALES, James K.	2,210,954	Eicken, Karl	2,054,143	GENERAL ELECTRIC COMPANY	2,076,117
COFFINDAFFER, Timothy Woodrow	2,250,384	EKSTROM INDUSTRIES, INC.	2,205,635	Gerber, Matthias	2,054,143
COHEN, Margo P.	2,261,026	El Kouni, Mahmoud H.	2,080,343	Gershen, Bernard	2,112,451
Cohen, Robert D.	1,341,310	ELSHEIKH, Maher Y.	2,233,528	Gibbins, Richard John	2,186,619
Colon, Cesar	2,062,788	Elsner Engineering Works, Inc.	2,180,706	Gilbert, Laurent	2,178,998
COMPAGNIE GÉNÉRALE DES ÉTABLISSEMENTS MICHELIN - MICHELIN & CIE	2,033,521	EMIL FLACHSMANN AG	2,217,227	GITLIN, Richard Dennis	2,244,814
COMPONENTA WEAR PARTS AB	2,271,753	Engelhard, Rolf	2,160,355	Glasky, Alvin J.	2,079,342
Cook Incorporated	2,040,708	Enichem Synthesis S.p.A.	2,043,743	GLCC TECHNOLOGIES, INC.	2,220,187
Coombs, Paul Graham	2,048,564	Entzeroth, Michael	2,047,496	Gluchowski, Charles	2,087,606
COOPER AUTOMOTIVE PRODUCTS, INC.	2,220,462	Ericson, Aake Sandor	2,028,487	GLUF, Carl G., Jr.	2,199,861
Cooper, Charles F.	2,103,335	Espinal, Joseph	2,108,064	Godik, Eduard Emmanuilovich	2,126,227
CORNING INCORPORATED	2,006,346	ETHICON, INC.	2,035,592	Golden, Jonathan Martin	2,017,976
CORNING INCORPORATED	2,028,525	EXCEL MODULAR SCAFFOLD AND LEASING CORPORATION	2,091,451	Gole, Dilip J.	2,046,310
CORNING INCORPORATED	2,034,772	Exflour Research Corporation	2,004,471	Gordon, Michael L.	1,341,310
Costello, Michael G.	2,004,471	EXOCELL, INC.	2,261,026	Gore, Hardial S.	2,174,717
Courregelongue, Jean	2,196,096	EXXON RESEARCH AND ENGINEERING COMPANY	2,105,133	Goss, John D.	2,097,518
CPC International Inc.	2,103,335	FACHE, Eric	2,222,365	Göttling, Josef	2,175,410
CREEK, Roy Edward	2,218,368	Faler, James Henry	2,034,772	Gough, Anthony D.	2,057,442
Cresson, Thierry M.	2,097,518	FAMAG-Werkzeugfabrick Friedr. Aug Mühloff	2,227,820	Green, Michael D.	2,062,788
DAIKIN INDUSTRIES LTD.	2,039,666	Fang, Zhigang	2,193,599	Green, Richard	2,176,609
Dalsass, Aldo R.	1,341,310	FARISON, Brian K.	2,236,532	Griffin, Annette Mary	1,341,307
Davies, J. Desmond	2,046,310	Farr, Robert A.	2,040,058	Griffiths, Thomas Rhodri	2,178,746
De Montarby, Lucy	2,107,150	FENTON, Christopher John	2,231,447	Griffiths, Thomas Rhodri	2,186,619
DeBruyne, Michael Paul	2,040,708	FERGUSON, ANN	2,275,372	Grigorashenko, Vladimir Alexandrovich	2,178,527
DeCASTRO, Paul E.	2,245,429	FERRING B.V.	2,183,862	Gross, Abraham	2,068,456
DECEMBER, Timothy S.	2,210,700			Gründl, Andreas	2,113,069
DEGUSSA-HULS AKTIENGESELLSCHAFT	2,082,763			Guo, Nenghua	2,125,043
Deka Products Limited Partnership	2,134,206			GUSKEY, Susan Marie	2,250,384
				GUSKEY, Susan Marie	2,250,385
				Gustafson, Thomas Lloyd	2,051,181
				Gustavsson, Lennart	2,104,577
				Guyaniyogi, Suhas C.	2,093,201
				GÚZZI, Umberto	2,222,657
				GYURE, Sandor	2,213,586
				H. Lundbeck A/S	2,049,368
				Halevi, Eviatar	2,068,456

**Index des brevets canadiens délivrés  
23 octobre 2001**

HALLIBURTON COMPANY	2,102,956	HUSCO INTERNATIONAL, INC.	2,247,809	KAWAGUCHI, Masahiro	2,207,960
HALLIBURTON ENERGY SERVICES, INC.	2,212,978	HYDRO-QUEBEC	2,049,328	Keene, Laurence	2,063,816
Hamaguchi, Mikiko	2,035,749	Ihara, Kiyohiko	2,039,666	Keller, Thomas A.	2,057,038
HAMDY-SWINK, Kathryn Anne	2,257,992	Ikeda, Yugo	2,049,368	Kelly, Francis Patrick	2,186,619
HANS OETIKER AG MASCHINEN- UND APPARATEFABRIK	2,007,954	IKEDA, YUKIO	2,288,460	Key, Peter Bernard	2,178,746
HANSON, Thomas E.	2,204,797	ILLINOIS TOOL WORKS INC.	2,225,893	Key, Peter Bernard	2,186,619
Harada, Yutaka	2,165,878	Imoto, Takayoshi	2,040,186	Khan, Sakhawat	2,092,538
Harder, Wolfgang	2,039,327	Inaba, Masahiro	2,194,820	KHOT, Homa	2,223,817
Harris, Paul J.	2,010,819	Inaba, Masaki	2,169,816	Kilius, Darrel E.	2,098,536
HARRIS, Paul J.	2,210,700	Indian Oil Corporation Limited	2,096,835	Kitagawa, Eiji	2,040,186
HASEGAWA, Hiroshi	2,213,816	INDUCTOTHERM CORP.	2,103,656	Kivari, Raimo Kalervo	2,031,145
HASLETT, James W.	2,196,712	INFORMATION STORAGE DEVICES, INC.	2,092,538	KJERRUMGAARD, Vibeke	2,208,838
Hauel, Norbert	2,047,496	INGERSOLL MILLING MACHINE COMPANY (THE)	2,087,798	Klarstrom, Dwayne Leroy	2,131,363
Hautefaye, Patrick	2,085,570	INMAN, Everett Junior	2,250,384	Kleiner, Hans-Jerg	2,089,650
Hawkins, John	2,040,150	Institut Gornogo Dela Sibirskogo Otdeleniya Rossiiskoi Akademii Nauk	2,178,527	Klimenko, Vladimir Alexeevich	2,178,527
Hayasaki, Kimiyuki	2,169,816	INTERFERON SCIENCES, INC.	2,314,150	KLOCKE VERPACKUNGS- SERVICE GmbH	2,167,068
Haynes International, Inc.	2,131,363	International Business Machines Corporation	1,341,310	Kobayashi, Naomi	2,049,368
HEHL, KARL	2,097,568	Intuit, Inc.	1,341,309	Kobayashi, Takumi	2,043,625
Heidelberg, Götz	2,113,069	Ishihara, Takafumi	2,035,749	Koch Enterprises, Inc.	2,044,592
Heim, Jutta	1,341,306	Isoda, Hideo	2,116,490	Köckerling, Ferdinand	2,095,042
Heinz, Elroy	2,136,143	ISOLYSER COMPANY, INC.	2,172,390	Koehler, Ulrich	2,039,327
Heliotherm Oy	2,098,379	ITW LIMITED	2,204,819	Koga, Kunimasa	2,043,625
Helsberg, Matthias	2,032,772	IWASAKI, Hiroto	2,213,816	Kolar, Cenek	2,048,407
Hensley, Frederick M.	2,101,532	IWATA, Naotaka	2,219,598	Konig, Wolfgang	2,048,407
HER MAJESTY IN RIGHT OF CANADA, REPRESENTED BY THE MINISTER OF AGRICULTU	2,215,345	Jabbi, Amandeep S.	2,190,797	Koppenhoefer, Gerhard	2,039,327
HER MAJESTY THE QUEEN AS REPRESENTED BY THE MINISTER OF NATIONAL DEFENCE	2,033,114	Jacob, Gary S.	2,023,404	KOYANAGI, Hirokazu	2,246,953
HERRING, Richard Allen	2,220,462	Jacobsen, Grant B.	2,047,729	KRAMER, THOMAS A.	2,276,204
HODGES, BRIAN A.	2,276,204	Jadamus, Hans	2,082,763	KREUTER, Mathias-Heinrich	2,217,227
Hodgetts, Robert	2,040,150	JAMIESON, John W.	2,226,032	KRI-TECH POWER PRODUCTS LTD.	2,182,131
Hodson, Peter D.	2,039,655	Jamiolkowski, Dennis D.	2,035,592	Krossa, Ted	2,182,131
HOECHST AKTIENGESELLSCHAFT	2,048,407	Janiak, Philip	2,079,189	Krowiak, Mark Thomas	2,006,346
HOECHST AKTIENGESELLSCHAFT	2,089,650	Janssen Pharmaceutica Inc.	2,046,310	Krueger, Wallace F.	2,057,038
Hoffman, Barry E.	2,059,703	Jarvenkyla, Jyri J.	2,063,248	Krüger, Christof	2,068,411
Hofmann, Steven Paul	2,165,047	Jenq, Ching-Shi	2,051,686	Krutzsch, Henry C.	2,125,043
HOLICK, Michael F.	2,226,140	Johansson, Anders	2,104,577	KUBO, Hiroshi	2,207,960
Holifield, Phyllis Kay	2,075,888	JOHNSON & JOHNSON PROFESSIONAL, INC.	2,176,609	KUBOTA, Satoshi	2,246,953
HOLLAND, Paul	2,204,797	JOHNSON, Warren F.	2,272,036	KUHN, Dieter	2,211,284
Holloman, Ricky M.	2,102,956	JOHNSON/NELLES CORPORATION	2,247,965	Kumar, Anoop	2,096,835
Holtey, James Oliver	2,087,798	Jones, Stephen R.	2,080,824	Kurimoto, Tadashi	2,049,368
HONDA GIKEN KOGYO KABUSHIKI KAISHA	2,105,968	KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO	2,207,960	Kurlenya, Mikhail Vladimirovich	2,178,527
Honeycutt, Travis W.	2,172,390	Kaemmerer, Friedrich-Johannes	2,083,179	KURSCHNER, Lisa M.	2,245,429
HONEYWELL-MEASUREX CORPORATION	2,097,518	Kalmakis, George P.	2,063,816	Kust, Roger N.	2,077,460
Hood, John Dick	2,096,346	KALMOKOFF, MARTIN	2,215,345	Kwon, Steven Soon-Young	2,018,425
HORIGUCHI, KENICHI	2,288,460	Kalnins, Charles M.	2,090,618	KYRSTEIN INVESTMENTS LTD.	2,230,227
HOSOKAWA, Yuko	2,203,566	Kamen, Dean	2,134,206	KYRSTEIN, JOHN PER	2,230,227
Hovland, Claire Thomas	2,190,237	Kamensky, Veniamin Viktorovich	2,178,527	L.B.T. Enterprises Ltd.	2,087,537
HUA, JI	2,314,150	Kaneko, Susumu	2,037,411	Lai, Jui Lue	2,017,976
HUET DE BAROCHEZ, Bruno	2,203,310	KANSAI NETSUKAGAKU KABUSHIKI KAISHA	2,246,953	LAMMERS, Shawn David	2,104,696
Huet, Yves	2,044,592	Kapfer, Bruno	2,049,328	Lanigan, Richard	2,134,206
HUNTSMAN INTERNATIONAL LLC	2,040,150	KAPLUNENKO, Vsevolod	2,225,803	LAPORTA, Thomas F.	2,244,814
		Karpol, Avner	2,068,456	Larkin, Brian S.	2,090,229
		Kawachi, Hideshi	2,194,820	Larkin, David J.	2,113,336
				Laubie, Michel	2,085,570
				Laurain, Nathalie	2,178,998
				Laurent, Daniel	2,033,521
				Lavielle, Gilbert	2,085,570
				LAWSON, Kurt M.	2,258,360
				Le Baut, Guillaume	2,107,150
				Le Thiesse, Jean-Claude	2,173,709
				Leach, David Ian	2,087,395
				Leach, Patrick Arthur	2,087,395
				LEARMONT, Robert O.	2,205,635

## Index of Canadian Patents Issued October 23, 2001

Leconte, Philippe	2,178,998	Meo, Sam	1,341,310	NAZARETH, Albert R.	2,219,374
LECONTE, Philippe	2,222,365	Merger, Franz	2,039,327	NEC CORPORATION	2,213,020
LECTRON PRODUCTS	2,199,861	MERIAL SOCIETE PAR		NEC CORPORATION	2,213,040
Lee, Baosheng	2,172,390	ACTIONS SIMPLIFIEE	1,341,307	NEC CORPORATION	2,219,598
Lee, Gary K.	2,129,714	MERIAL SOCIETE PAR		Nedez, Christophe	2,178,998
Lee, Yung-Hsiung	2,142,946	ACTIONS SIMPLIFIEE	1,341,308	Nedschroef Plettenberg GmbH	2,154,909
LEMCKE, Michael	2,237,844	Messenger, Edward Tunstall	2,040,150	NELLES, Peter	2,247,965
LEPINSKI, James A.	2,232,275	Metaleurop S.A.	2,035,591	Nelson, Gary E.	2,063,816
Lermer, Helmut	2,039,327	Metalgrafica Rojek Ltda	2,068,018	NESHEIM, Gary	2,247,965
Leroy, Michel	2,067,784	MEYER, Charles	2,225,893	Neudeck, Philip G.	2,113,336
LEVESQUE, Micheline	2,209,845	Meyhack, Bernd	1,341,306	Neumann, Martin	2,095,042
Levinson, R. Saul	2,046,310	MICHELIN RECHERCHE ET		Nicholson, William John	2,040,150
LEVITON MANUFACTURING		TECHNIQUE S.A.	2,210,954	NIKKEN CHEMICALS CO.,	
CO., INC.	2,112,451	Michna, Richard J.	2,033,562	LTD.	2,203,566
LI, Long-Jang	2,247,809	MIDREX TECHNOLOGIES,		NIPPON PAINT CO., LTD.	2,165,878
LIAO, MEI-JUNE	2,314,150	INC.	2,232,275	NIPPON STEEL	
Libbey-Owens-Ford Co.	2,057,038	MILLER, Gerald R.	2,210,954	CORPORATION	2,216,743
LIFE SPRING LIMITED		MILLER, James R.	2,215,814	Nishida, Takashi	2,116,490
PARTNERSHIP	2,160,355	Miller, William James	2,028,525	NISSIN FOOD PRODUCTS	
LIM, CHOOM JIM	2,231,254	MINNESOTA MINING AND		CO., LTD.	2,213,816
LIM, KOK-SENG	2,231,254	MANUFACTURING		NITRO-GROW INC.	2,136,143
LIMBERG, Allen LeRoy	2,242,294	COMPANY	2,104,333	NOAKES, Timothy James	2,247,204
Lindfors, Nils Olov	2,100,465	Mishra, Surendra K.	2,077,460	Nokia Mobile Phones Ltd.	2,031,145
LOEHR, Karl R.	2,205,635	Mitchell, Willard Neal	2,105,133	NOLDE, Keith Eric	2,240,517
Lombardi, Alfred J.	2,112,451	MITSUBISHI DENKI		Noramco, Inc.	2,038,740
LONG, Dennis L.	2,242,281	KABUSHIKI KAISHA	2,288,460	Norden, Stanley Michael	2,097,595
Looney, James Robert	2,075,888	MITSUI CHEMICALS INC.	2,194,820	Norell, Bror Lennart	2,096,966
L'OREAL	2,106,479	Mittendorf, Donald H.	2,094,318	NOTHE, William E.	2,260,553
LUCENT TECHNOLOGIES		Miya, Masaru	2,145,816	Noujaim, Antoine A.	2,137,561
INC.	2,244,814	Mizuno, Akira	2,035,749	NOVARTIS AG	1,341,306
LUNSFORD, JOHN	2,276,204	MOBIL OIL CORPORATION	2,059,703	NOVARTIS AG	2,302,963
Mace, Myles L., Jr.	2,072,567	Möller, Holger	2,098,379	NTT Mobile Communications	
MACKAY, John	2,104,696	Molloyes, Louis-Pierre	2,037,411	Network Inc.	2,204,024
Macovaz, George	2,063,248	MOMBERGER, Helmut	2,211,284	OAKWOOD ENERGY	
MAEDA, Yoshihiko	2,213,883	Monat, David E.	2,033,562	MANAGEMENT	
Magnet-Motor Gesellschaft für		MONSANTO COMPANY	2,023,404	INCORPORATED	2,219,144
magnetmotorische Technik		MONTELL NORTH AMERICA		OCHIAI, Mitsuru	2,203,566
mbH	2,113,069	INC.	2,093,201	Oetiker, Hans	2,007,954
Main, Jeffrey	2,018,425	MONTELL NORTH AMERICA		Ohio Aerospace Institute	2,113,336
Makimoto, Futoshi	2,040,186	INC.	2,098,536	Ohyama, Isao	2,070,264
MAN ROLAND		Moore, George G. I.	2,004,471	Okamoto, Kelvin T.	2,093,201
DRUCKMASCHINEN AG	2,175,410	Morgan, Michael William	1,341,309	Okamura, Yukimichi	2,170,718
MARIN, Gilbert	2,222,365	MORIARTY, John M.	2,204,797	OKUMURA, Mutsuo	2,203,566
Markus, David Robert	2,079,383	MORIGI, Adriano	2,213,586	Olson, Otis John	2,174,263
MARLEY ELECTRIC		Morisawa, Yasuhiro	2,037,411	O'Malley, Gerard Joseph	2,035,397
HEATING	2,260,553	MORLEY, John C.	2,220,187	ONO, Yasuhiro	2,213,816
Martens, John A.	2,047,428	Mortimer, Charles E.	2,038,051	ONUKI, Masafumi	2,204,024
Masson, Hervé	2,035,591	Moss, Leslie Roy	2,064,587	Oravainen, Juha	2,068,411
Matrix Technologies Corp.	2,063,816	Mounier, Rémy	2,196,096	ORBOTECH LTD.	2,068,456
MATSUMOTO, Toshihiro	2,213,883	Mügge, Joachim	2,082,763	ORIGIN MEDSYSTEMS, INC.	2,276,204
MATSUSHITA ELECTRIC		Muller, Daniel	2,049,328	Ormsbee, Richard A.	2,103,335
INDUSTRIAL CO., LTD.	2,170,718	MURAKAMI, Kazutaka	2,244,814	OSTEN, FREDERICK F.	2,321,952
Matthies, Paul	2,187,821	Mutimer, Frederick John	2,112,116	Oster, Heinz	2,192,040
Matus, Lawrence G.	2,113,336	Nagata, Akira	2,145,816	Owen, Bruce W.	2,191,540
MAYTAG CORPORATION	2,272,036	Naguib, Fardos N. M.	2,080,343	Padanyi, Zsolt Victor	2,112,116
McCOY, TIM	2,276,204	Naithani, Kanta P.	2,096,835	Pall Corporation	2,126,472
McDougall, Lee Allen	2,075,888	Naito, Satoru	2,037,411	PALMER, Anthony James	2,204,819
MCGUIRE, DANIEL J.	2,325,756	NAKAJIMA, Akihisa	2,204,024	Panzica, Raymond P.	2,080,343
MCLAUGHLIN, John R.	2,220,187	NAKAMURA, Hiroshi	2,204,024	Paoli, Michael A.	2,091,178
Meehan, James E.	2,112,451	Nakamura, Shiro	2,070,264	PATENT-TREUHAND-	
Mehlberg, Reinhard	2,154,909	NAKAMURA, Takahiro	2,213,040	GESELLSCHAFT FUR	
Meichsner, Christoph	2,032,772	Nakamura, Takeyoshi	2,105,968	ELEKTRISCHE	
MEINZER, ARMIN	2,302,963	NAKAYAMA, MASATOSHI	2,288,460	GLUHLAMPEN MBH	2,040,835
MEISSNER, David Charles	2,232,275	NALCO/EXXON ENERGY		Paul Wurth S.A.	2,063,279
Mell, Karlheinz	2,187,821	CHEMICALS, L.P.	2,075,888	Paul, Raymond	2,196,096
Mellul, Myriam	2,106,479	Narr, Berthold	2,047,496	Peebles, Richard J.	2,033,562

## Index des brevets canadiens délivrés 23 octobre 2001

Peet, Norton P.	2,035,499	Röber, Stefan	2,082,763	Shaw, Neil William	2,112,116
Peet, Norton P.	2,040,058	Roberts, David D.	2,125,043	SHEARMAN, Clyde W.	2,261,026
Peglion, Jean-Louis	2,079,189	ROBINSON, Darrell	2,205,635	SHELESTAK, Larry J.	2,200,767
Pelt, Hendrik L.	2,047,729	Rodgers, Robert Colin	2,161,009	Shieh, Chiung-Huei	2,072,567
PENINSULAR TECHNOLOGIES, LLC	2,227,260	Roe, Donald C.	2,063,295	Shiina, Haruo	2,105,968
Penisson, Dennis J.	2,188,028	Rogers, William M.	2,138,007	Shimizu, Takeo	2,070,264
Pereillo, Jean-Marie	2,196,096	Rohrbaugh, David J.	2,177,189	Shimizu, Yo	2,145,816
PERKINS, Christopher Mark	2,224,458	Röhrscheid, Freimund	2,053,860	Shuert, Lyle H.	2,077,076
Petersen, Godber	2,175,410	Rojek, Arnaldo	2,068,018	SIDEL S.A.	2,194,544
Petschow, Bryon W.	2,142,946	Rosenbaum, Saul	2,112,451	SIDHU, MANINDER	2,314,150
Peyman, Anuschirwan	2,032,772	Ross, John Alexander Strachan	2,161,009	Sifleet, William L.	2,072,567
PFIZER INC.	2,096,346	Ross, Louis Joseph Norman	1,341,307	SILENT WITNESS ENTERPRISES LTD.	2,242,322
Phillips, Roger W.	2,048,564	Ross, Louis Joseph Norman	1,341,308	Silfen, Michael J.	1,341,310
Plavskih, Vladimir Dmitrievich	2,178,527	ROSSI, Michael Anthony	2,219,144	SILICON STORAGE TECHNOLOGY, INC.	2,051,686
PODWIRNY, Philip S.	2,220,187	ROYCE, Douglas Allan	2,250,384	Simcock, John Henry	2,103,656
POHL, Douglas Alan	2,272,036	Rubino, Mark R.	2,152,475	Simko, Richard	2,092,538
Poissonnet, Guillaume	2,107,150	Sabadie, Michel	2,196,096	SISBARRO, Frederick P.	2,219,374
POLYONE CORPORATION	2,094,318	Sabatini, Massimo	2,107,150	Sixes and Sevens Pty. Ltd.	2,169,835
POMP, Thomas	2,227,820	SABNANI, Krishan Kumar	2,244,814	SKINNER, Neal G.	2,212,978
Powell, J. Anthony	2,113,336	Sabouri, Faramarz	2,196,712	Sköld, Bror Erik	2,100,465
POWELL, William Arthur	2,220,462	SAGARA, Hiroaki	2,213,883	Sloma, Robert J.	2,057,038
PPG INDUSTRIES OHIO, INC.	2,200,767	Saito, Akio	2,037,411	SLOOP, Jimmy D.	2,232,275
PREMIER BRANDS U.K. LIMITED	2,001,353	Saito, Nobuhiro	2,105,968	Smallegan, Jon M.	2,101,532
PRENDERGAST, Maurice Joseph	2,247,204	SAITO, Syun	2,246,953	SMARTIRE SYSTEMS INC.	2,104,696
Prevor International	2,055,224	Saito, Yutaka	2,170,718	SMITH INTERNATIONAL, INC.	2,193,599
Priester, Claus-Ulrich	2,039,327	Salek, Jeffrey S.	2,152,475	Smith, Constance Louise	2,018,425
Priou, Christian	2,170,194	SAMSUNG ELECTRONICS CO., LTD.	2,242,294	SMITH, David E.	2,244,814
PRUEHS, Allen V.	2,205,635	Sandow, Jurgen	2,048,407	SMITH, Donald Scott	2,219,144
Pugach, Joseph	2,152,475	SANKYO COMPANY, LIMITED	2,037,411	Snipes, James V.	2,176,609
Qi, Pei	2,137,561	SANOFI-SYNTHELABO	2,196,096	SOCIETE DES PRODUITS NESTLE S.A.	2,018,425
QUARFORDT, Per Ulf Torgny	2,271,753	SANOFI-SYNTHELABO	2,222,657	SOCIETE DES PRODUITS NESTLE S.A.	2,046,557
R.P. Scherer GmbH	2,302,963	SANYO ELECTRIC CO., LTD.	2,213,883	SOCIÉTÉ NATIONALE ELF AQUITAINE (PRODUCTION)	2,049,328
RABER, Marc	2,211,284	Sasselli, Giacomo	2,043,743	Soldat, André	2,170,194
Rademacher, Thomas W.	2,023,404	Sato, Haruhiko	2,165,878	SOMERSET PHARMACEUTICALS, INC.	2,236,368
Rai, Madan M.	2,096,835	Saunders, Daniel Paul	2,006,346	SONG, Joo	2,199,608
RASHIDBAIGI, ABBAS	2,314,150	Savage, E. Stuart	2,077,460	SONOBE, Masanori	2,207,960
Rausch, Alan R.	2,126,472	Sawada, Masako	2,043,625	Spargo, Catherine A.	2,144,495
RAYCHEM CORPORATION	2,090,229	Sawada, Yuji	2,194,820	Spencer, Geoffrey P.	2,134,206
RAYCHEM LIMITED	2,097,595	SAWKAR, Anil S.	2,244,814	SPIDER MANUFACTURING INC.	2,137,011
REES, FRANK L.	2,308,203	Sayanna, Eltepu	2,096,835	Spitler, Keith G.	2,038,051
Reeves, James William	2,028,487	S-B POWER TOOL COMPANY	2,237,844	SSAB Tunnpilat AB	2,100,465
Regnier, Gilbert	2,108,064	Schaart, Barend J.	2,047,729	STAHLEY, Robert Edward	2,243,373
Rehm, Thomas	2,060,225	SCHERING CORPORATION	2,062,788	STAHLHUT, Alan Jeffrey	2,220,462
REICHARD, Jeffrey A.	2,237,844	SCHIPPER, Hyman M.	2,239,281	Stamme, Rainer	2,175,410
Reiner, Gerhard	2,113,069	Schirmer, William, III	2,034,772	STANDARD PRODUCTS COMPANY (THE)	2,051,181
Renner, Klaus	2,167,068	Schlage Lock Company	2,101,532	Statiotis, Eraclis	2,173,709
Repin, Anatoly Antonovich	2,178,527	SCHMID, Wolfgang	2,211,284	STEPHENSON, ROBERT JOHN	2,231,254
Rheinheimer, Joachim	2,054,143	Schmit, Louis	2,063,279	Strässle, Marcel	2,045,404
Rhodes, James F.	2,138,007	SCHRADER, Elizabeth Murphy	2,250,385	Strömmer, Esko Kaarlo Juhani	2,031,145
RHODIA CHIMIE	2,170,194	Schreiber, John J., Jr.	2,180,706	STROUD, GARY ARTHUR	2,295,585
RHODIA CHIMIE	2,173,709	Schultz, Roger L.	2,102,956	Strub, Laverne H.	2,116,592
RHONE-POULENC FIBER AND RESIN INTERMEDIATES	2,178,998	Scott, Simon David	1,341,307	SUHARA, Toshihiro	2,213,883
RHONE-POULENC FIBER AND RESIN INTERMEDIATES	2,222,365	Scott, Simon David	1,341,308	SUN MICROSYSTEMS, INC.	2,190,797
Ries, Uwe	2,047,496	Scudder, Peter R.	2,023,404	Sunder, Shyam	2,035,499
Rigazzi, Pier Andrea	2,111,203	SEALED AIR CORPORATION	2,236,532		
RING CAN CORPORATION	2,191,611	SEKISUI PLASTICS CO., LTD.	2,213,816		
Ring, Carl D.	2,191,611	Sekula, Bernard C.	2,103,335		
RINGGENBERG, Paul D.	2,212,978	Sell, Walter A.	2,094,318		
Rivetti, Franco	2,043,743	SEOS DISPLAYS LIMITED	2,218,368		
		SERIZAWA, Masahiro	2,213,020		
		Serradeil-Le-Gal, Claudine	2,196,096		
		Seshimo, Masahiro	2,040,186		
		Shalaby, Shalaby W.	2,035,592		



## Index of Canadian Patents Issued October 23, 2001

SUNTORY LIMITED	2,035,749	Tordjman, Charles	2,107,150	WIKBORG, Erland	2,225,803
SUNTORY LIMITED	2,043,625	Torti, Victor A.	2,063,816	Wikström, Jan Olov	2,100,465
SUPERIOR FIREPLACE COMPANY	2,174,717	TOWNSEND, Donald	2,199,608	WILLIAMS, Darin	2,240,344
SUR, KENNETH C.	2,275,372	Toyama, Toshimitsu	2,037,411	Williams, Dennis Alexander	2,075,888
SUTTON, Joseph H.	2,256,664	Toyo Boseki Kabushiki Kaisha	2,116,490	Williams, Joe W.	2,091,451
SWEENEY, Niall	2,213,586	Trofimenkoff, Frederick N.	2,196,712	Williams, John Geyer	2,034,772
SYKES, THOMAS R.	2,137,561	Trudeau, Leon B.	2,087,537	Williamson, Kenneth M.	2,126,472
Syma Intercontinental AG	2,045,404	Truesdale, Carlton Maurice	2,028,525	WILSON, Jack L., Jr.	2,210,954
Tanaka, Haruhiko	2,194,820	TSUBOYA, Hisakazu	2,204,024	WILSON, Robert	2,236,890
TANAKA, Shigenori	2,216,743	TSUJITA, Akio	2,213,816	Wingard, Robert E., Jr.	2,038,740
TANAKA, Tatsuaki	2,213,883	Tunstall, Michael Eric	2,161,009	Winkler, Irvin	2,032,772
Tanaka, Yoshiaki	2,049,368	Tupitsin, Sergei Konstantinovich	2,178,527	WITEK, James Patrick	2,220,462
Tancibok, Krystyna U.	2,103,335	TUXEN, Gorm	2,256,664	Wittmann, Horst	2,040,835
Tann, Chou-Hong	2,062,788	UGINE-SAVOIE IMPHY	2,174,567	Witzel, Tom	2,039,327
Tatsuoka, Toshio	2,035,749	Uhlmann, Eugen	2,032,772	Wm. Wrigley Jr. Company	2,199,608
TEATHER, RONALD M.	2,215,345	Uldall, Peter Robert	2,040,708	Wojcik, Ronald T.	2,010,819
TELEFONAKTIEBOLAGET LM ERICSSON	2,096,966	UNILEVER PLC	2,057,442	Wolf, Allan M.	1,341,310
TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	2,225,803	UNIVERSITY OF ABERDEEN	2,161,009	Wong, Florence L.	1,341,310
Tenhunen, Juha Heikki	2,031,145	UPONOR N.V.	2,063,248	Woo, Thomas K.	2,137,561
TENNO, Kojiro	2,246,953	UZUMCU, Ali I.	2,237,844	WRENN, John R.	2,260,553
Tetra Technologies, Inc.	2,077,460	Val, Christian	2,067,784	Wright, David J.	2,144,495
THE BOEING COMPANY	2,240,344	Valor Limited	2,074,452	WUTHRICH, Patrick	2,203,310
THE DOW CHEMICAL COMPANY	2,047,729	Van Cleve, Mark	2,144,495	XIRCOM WIRELESS, INC.	2,110,589
THE ENSIGN-BICKFORD COMPANY	2,033,562	VAN DEN BOSCH, Jeffrey A.	2,227,260	Xyrofin Oy	2,068,411
THE FURUKAWA ELECTRIC CO., LTD.	2,070,264	van Meel, Jacques	2,047,496	Yamaguchi, Fumihiko	2,039,666
THE GILLETTE COMPANY	2,236,890	Vanderpool, Jeffrey Scott	2,110,589	YAMAGUCHI, Keiko	2,219,598
THE GOODYEAR TIRE & RUBBER COMPANY	2,036,645	VARIAN, INC.	2,189,483	Yanagawa, Hisaharu	2,070,264
THE GOVERNMENT OF THE UNITED STATES OF AMERICA, REPRESENTED BY THE SECRE	2,125,043	Velasquez, David J.	2,039,655	Yeh, Bing	2,051,686
THE LOAD & A-2-B COMPANY INC.	2,336,067	Verbeuren, Tony	2,085,570	Yli-Kyyny, Mauri	2,068,411
THE PROCTER & GAMBLE COMPANY	2,189,431	Verma, Amar S.	2,096,835	YOSHIMI, Toru	2,213,816
THE PROCTER & GAMBLE COMPANY	2,224,458	Vernon, Nicholas M.	2,038,740	Young, Donald Ray Jr.	2,028,525
THE PROCTER & GAMBLE COMPANY	2,243,373	Vernon, Robert D.	2,072,014	Young, Francis C.	1,341,310
THE PROCTER & GAMBLE COMPANY	2,247,204	Vian, Joel	2,079,189	YOUSSEFYEH, Parvin	2,223,817
THE PROCTER & GAMBLE COMPANY	2,250,384	Vilain, Pol	2,196,096	ZANDE, HORST	2,302,963
THE PROCTER & GAMBLE COMPANY	2,250,385	Vilaine, Jean-Paul	2,079,189	Zander, Bo Harry	2,028,487
THE SIR MORTIMER B. DAVIS - JEWISH GENERAL HOSPITAL	2,239,281	Villeneuve, Nicole	2,079,189	Zarembo, Peter J.	2,104,333
THIBAUT, JOHN ANTHONY	2,336,067	Villeneuve, Richard R.	2,134,206	Zeiter, Patrik	2,192,040
Thiruvengadam, Tiruvettipuram K.	2,062,788	Vincent, Douglas E.	2,134,206	Zhou, Chang-Guo	2,190,797
THOMAS, Daniel W.	2,211,169	VINCI, Alfredo	2,245,429	ZIMMERMAN, Harry I.	2,239,019
THOMPSON, Neil G.	2,258,360	VININDEX PTY LIMITED	2,063,248		
THOMSEN, Glenn W.	2,219,374	Vogelbacher, Uwe Josef	2,054,143		
THOMSON-CSF	2,067,784	Walker, George T.	2,144,495		
Tiemann, Duane	1,341,310	Walkup, Robert E.	2,038,740		
Tihon, Claude	2,190,237	Wallace, Barclay W.	2,097,518		
TOPELKO, ROY J.	2,275,372	Walter, Helmut	2,054,143		
		Wang Laboratories, Inc.	2,204,797		
		Wang, Mingda	2,189,483		
		WARK, SCOTT ARTHUR	2,292,301		
		WARNE, THOMAS I.	2,294,666		
		WATTS REGULATOR COMPANY	2,165,047		
		Weidman, David Lee	2,028,525		
		Weinberg, Alan	2,059,457		
		Weinerth, Klaus	2,187,821		
		WELLS, Robert Lee	2,250,385		
		Wentzler, Thomas H.	2,077,460		
		WESTBY, Ken	2,247,965		
		Westphalen, Karl-Otto	2,054,143		
		WESTVACO CORPORATION	2,215,814		
		Wheat, James A.	2,033,114		
		White, John Irving	2,035,397		
		White, Richard (Dick)	2,182,131		
		Whitehouse, Donald	2,074,452		
		Whitney, Scott A.	2,126,472		
		Wideman, Lawson G.	2,036,645		
		Wienen, Wolfgang	2,047,496		

# Index of Canadian Laid-Open Applications

September 30, 2001 - October 6, 2001

## Index des demandes canadiennes mises à la disponibilité du public

30 septembre 2001 - 6 octobre 2001

ABRAHAM, STEPHEN	2,303,466	ASAHI GLASS COMPANY, LIMITED	2,342,574	BECHEM, KLAUS	2,313,924
ACOSTA-DOMINGUEZ, ARMANDO	2,310,365	ASAMI, KEISUKE	2,342,034	BECHEM, PHILIP	2,313,924
ADIR ET COMPAGNIE	2,342,950	ASANO, SHINYA	2,342,642	BECHEM, ULRICH	2,313,924
AG COMMUNICATION SYSTEMS CORPORATION	2,342,752	ASKEW, WARREN	2,342,594	BEEKMAN, WILLIAM JAN	2,304,276
AGARWAL, SHIPRA	2,303,550	ATI PROPERTIES, INC.	2,303,558	BELGRAVER, VINCENT WILLEM	2,342,463
AGERE SYSTEMS GUARDIAN CORPORATION	2,337,172	ATOFINA	2,342,724	BEN MOSHE, YOSEF	2,342,091
AGERE SYSTEMS GUARDIAN CORPORATION	2,337,962	ATOFINA	2,343,595	BENATTI, FRANCESCO	2,342,652
AGERE SYSTEMS GUARDIAN CORPORATION	2,338,008	ATOFINA	2,343,597	BENCHAOU, HAFID ABDELAALI	2,343,452
AGERE SYSTEMS GUARDIAN CORPORATION	2,341,098	AVAYA TECHNOLOGY CORP.	2,342,091	BENGOUGH, PETER	2,303,630
AGERE SYSTEMS OPTOELECTRONICS GUARDIAN CORPORATION	2,342,518	AVIKO B.V.	2,342,645	BENOIT, DAVID	2,304,353
AGO, SHOJI	2,342,698	AWOFESO, ANTHONY O.	2,341,990	BENUZZI, PIERGIORGIO	2,329,399
AIDA, HARUMI	2,342,052	AXIS USA, INC.	2,342,653	BERENBAUM, ALAN DAVID	2,337,172
AIR PRODUCTS AND CHEMICALS, INC.	2,342,658	AZZATO, ROBERT N.	2,311,607	BERENBAUM, ALAN DAVID	2,337,962
AJINOMOTO CO., INC.	2,342,535	BABIN, FRANCOIS	2,303,602	BERENBAUM, ALAN DAVID	2,338,008
AKIMOTO, SEIJI	2,342,083	BACIN, EDSON	2,342,579	BERENBAUM, ALAN DAVID	2,341,098
AKULOVA, YULIYA A.	2,342,518	BADER, JOHN M.	2,342,490	BERG TECHNOLOGY, INC.	2,342,285
ALBERICI, GIOVANNI	2,342,973	BAILEY METAL PRODUCTS LIMITED	2,304,264	BERGQUIST, ULF	2,342,661
ALCATEL	2,342,279	BAKER HUGHES INCORPORATED	2,342,657	BERKERS, JAMES H.	2,303,691
ALERT STAMPING AND MANUFACTURING CO., INC.	2,342,505	BALLANTYNE, DOUGLAS J.	2,342,562	BERLINGIERI, ALFREDO	2,342,373
ALLEN, JANET	2,342,677	BALSE, VIJAY RAMANAND	2,342,136	BERNDL, GUNTHER	2,343,259
ALSTOM	2,342,716	BAMMERT, KURT	2,342,456	BERT, MICHEL	2,342,716
ALSTOM	2,343,599	BAMMERT, KURT	2,342,457	BEST, ISAAC WM.	2,303,673
ALSTOM POWER N.V.	2,340,503	BANDY, STEVE	2,343,557	BETHUNE, ALAIN	2,342,122
ALSTOM POWER N.V.	2,342,670	BANERJEE, SUCHITRA	2,303,550	BETHUNE, ALAIN	2,342,954
ALUMCO INC.	2,303,584	BARIBEAULT, JEAN	2,304,406	BETHUNE, ALAIN	2,342,956
ANDERLIND, ERIK EINAR	2,337,367	BARRICK GOLD CORPORATION	2,342,692	BICKFORD, GARY P.	2,339,042
ANDERSEN, BO ASP MOLLER	2,342,726	BARRIERE, BENOIT	2,343,597	BILLER, BRUCE A.	2,342,422
ANDERSEN, JOHN L.	2,342,660	BARRY, THOMAS AQUINAS	2,342,599	BLANCH, PAUL S.	2,342,505
ANDERSON, JEFFREY D.	2,342,399	BARTLETT, CURTIS D.	2,304,416	BLANCHARD, JACKY	2,342,950
ANDO ELECTRIC CO., LTD.	2,342,034	BARTLETT, GLENN J.	2,352,489	BLANGETTI, FRANCISCO LEONARDO	2,340,503
ANDO ELECTRIC CO., LTD.	2,342,500	BASF AKTIENGESELLSCHAFT	2,343,259	BLANKENSHIP, BRIAN D.	2,331,405
ANDO ELECTRIC CO., LTD.	2,342,552	BAUER ITALIA S.P.A.	2,332,215	BLOUET, CHRISTOPHE	2,342,710
ANDO ELECTRIC CO., LTD.	2,342,684	BAUM, JUERGEN	2,342,670	BO WANG, JING	2,342,520
ANDREW CORPORATION	2,340,146	BAWDEN, JAMES	2,343,047	BOBSEIN, BARRETT RICHARD	2,340,862
ANDRITZ AG	2,342,436	BAY WEST PAPER CORPORATION	2,342,260	BOBST S.A.	2,342,678
ANNOVI, GIUSEPPE	2,332,215	BAYER	2,342,113	BOGENSTATTER, THOMAS	2,343,259
AOIKE, SATORU	2,342,655	AKTIENGESELLSCHAFT	2,342,113	BOIES, STEPHEN J.	2,338,910
AQUILA, ANTHONY	2,342,573	BAYER	2,342,296	BOLGER, RICHARD P.	2,342,295
ARAKI, KENJI	2,342,655	AKTIENGESELLSCHAFT	2,342,296	BONDY, MATTHEW	2,342,475
ARIMA, TAKAHISA	2,343,433	BAYER	2,342,465	BONE, BRIAN C.	2,343,475
ARO	2,342,286	AKTIENGESELLSCHAFT	2,342,693	BOOCHARD, JONATHAN	2,303,631
		BAYER	2,343,461	BOOZER, LARRY	2,342,707
		AKTIENGESELLSCHAFT	2,304,416	BORCHARDT, GLENN R.	2,342,422
		BAYSTREETDIRECT INC.	2,304,416	BORDERS, HARLEY	2,342,499
		BEATTY, WILLIAM ELLSWORTH JR.	2,342,743	BORGWARNER INC.	2,340,037
				BOUCHARD, GERMAIN	2,342,374
				BOUCHER, RYAN	2,342,006
				BOURGET, CHRISTIAN	2,303,604
				BOWMAN, RONALD L.	2,340,856
				BOYCE, KRISTEN	2,341,333

**Index of Canadian Laid-Open Applications  
September 30, 2001 - October 6, 2001**

BRADY, MICHAEL BARRY CLIVE	2,338,653	CHI, ED H.	2,339,319	DE SOUZA, PEDRO SERGIO	2,342,579
BRASSARD, RAYNALD	2,304,406	CHIARUTTINI, BRIAN	2,343,475	DE WITT CLINTON, JOSEPH	2,343,484
BREITENBACH, JORG	2,343,259	CHIEN, TZU-SHIR	2,303,645	DECZKY, ANDREW	2,303,631
BRIGOT, DANIEL	2,342,950	CHOLEVA, TIBOR	2,303,609	DEERE & COMPANY	2,317,861
BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY	2,339,391	CHOMAY, EDWARD JOHN	2,304,290	DEERE & COMPANY	2,342,114
BROWN, MICHAEL	2,342,745	CHOW, STANLEY T.	2,304,433	DEGENARO, LOUIS R.	2,338,915
BROWN, ROSALIE JENSEN	2,338,925	CHU, SUNG-NEE G.	2,342,518	DEGUSSA AG	2,340,300
BRUNELLE, GILLES	2,342,677	CHUJO, KENICHI	2,342,644	DEMREY, BRANDON	2,342,707
BUCHINA, RAYMOND A.	2,342,494	CHUNG, SAE-YOUNG	2,337,657	DHULER, VIJAYAKUMAR RUDRAPPA	2,340,807
BUELOW, ROGER F. II	2,342,494	CIBA SPECIALTY CHEMICALS HOLDING INC.	2,342,679	DHULER, VIJAYAKUMAR RUDRAPPA	2,340,810
BUILDER'S BEST, INC.	2,342,660	CIRCLE TEKKO CO., LTD.	2,337,708	DIDECO, S.P.A.	2,342,652
BURCHILL, MICHAEL	2,343,597	CISTERNINO, FRANCO	2,342,399	DIETZE, ULRICH	2,341,617
BUTLIN, LORRAINE DIANE	2,342,683	CLARIANT (FRANCE)	2,337,569	DINKIN, SAMUEL	2,338,910
BUTLIN, LORRAINE DIANE	2,343,488	CLERMONT, JEAN	2,304,359	DIPOTO, JAMES PETER	2,312,204
BWG BUTZBACHER WEICHENBAU GESELLSCHAFT MBH & CO. KG	2,341,617	CLOAKWARE CORPORATION	2,304,433	DOC GERARD INC.	2,304,459
BYERS, CHARLES CALVIN	2,337,659	CLOUGHERTY, KENAN	2,326,086	DOERR, ALAN	2,331,405
CABINPLANT INTERNATIONAL A/S	2,342,959	CODECO APS	2,303,632	DOLAN, PAUL	2,303,574
CAHILL, GLENDA J.	2,315,609	COLASANTE, FREDERICO	2,303,739	DOREL, ALAIN P.	2,342,594
CALANDRA, FRANK JR.	2,342,707	COLEY, JOHN	2,342,683	DORMAN, H. PAUL	2,342,591
CALLAHAN, THOMAS	2,303,783	COLEY, JOHN	2,343,488	DORSETT, WENDELL E.	2,303,962
CANBRO INC.	2,342,599	COLLEGE, JOHN W.	2,336,436	DOTY, HEALTH A.	2,343,475
CANON KABUSHIKI KAISHA	2,342,287	COLOR AXIS	2,342,468	DOW, ROBERT LEE	2,342,571
CANON KABUSHIKI KAISHA	2,342,493	COLOR AXIS	2,342,519	DUCHARME, ROBERT	2,303,643
CANON KABUSHIKI KAISHA	2,342,642	COMPTON, JOHN I.	2,342,260	DUIMOVICH, FRANK	2,303,739
CARL FREUDENBERG	2,342,835	COMPUTER PROCESS CONTROLS, INC.	2,340,910	DUMONT, ERIC	2,304,406
CARPENTER, CLAUDIA A.	2,341,820	CORDIS CORPORATION	2,342,509	DUNCHOCK, RICHARD STEPHEN	2,303,645
CARTIER, RAYMOND	2,303,692	CORMIER, CLAUDE	2,352,489	DUNK, CRAIG	2,342,745
CASILLI, NICOLA	2,343,549	CORRIVEAU, MICHEL	2,303,619	DUQUEROIE, FLORENT	2,343,600
CATENA TECHNOLOGIES CANADA, INC.	2,303,604	COSTEK INTERNATIONAL LTD.	2,341,127	DYNAPRISE, INC.	2,343,508
CATENA TECHNOLOGIES CANADA, INC.	2,303,608	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	2,303,550	EASTROC LLC	2,336,436
CATENA TECHNOLOGIES CANADA, INC.	2,303,630	COUTU, LUCIEN	2,342,951	EATON CORPORATION	2,342,743
CATENA TECHNOLOGIES CANADA, INC.	2,303,631	COWEN, ALLEN BRUCE	2,340,807	EATON CORPORATION	2,343,492
CATENA TECHNOLOGIES CANADA, INC.	2,303,635	COZAR, RICARDO	2,342,951	EATON, JACK R.	2,342,707
CELOTEX CORPORATION	2,329,604	CROCKER, LAWRENCE WILLIAM	2,303,757	EBARA, KATSUMI	2,342,491
CHABUCOS, JIM	2,340,910	CRONOS INTEGRATED MICROSYSTEMS, INC.	2,340,806	EDMUNDS, LYLE	2,303,783
CHALLACOMBE, STEPHEN	2,310,365	CRONOS INTEGRATED MICROSYSTEMS, INC.	2,340,807	EGI, MAKOTO	2,342,698
CHAMBERLAIN, GEORGE	2,340,572	CRONOS INTEGRATED MICROSYSTEMS, INC.	2,340,944	EHNEBUSKE, DAVID L.	2,338,915
CHAN, ANTHONY WAI PANG	2,303,670	CULP, GEORGE R.	2,341,118	EIDA, STEPHEN JAMES	2,342,683
CHANGEPOINT INTERNATIONAL CORPORATION	2,303,545	CURTIS, BRYCE ALLEN	2,338,925	EIDA, STEPHEN JAMES	2,343,488
CHARON, OLIVIER	2,342,499	CYR, NORMAND	2,303,602	ELBAZ, ARMAND J.	2,303,984
CHATTOPADHYAY, ARUN KUMAR	2,342,599	DA, REN	2,337,300	ELIXI OIL OY	2,304,303
CHATTOPADHYAY, SUNIL KUMAR	2,303,550	DAHLEN, KEVIN S.	2,343,398	ELLIOTT, ADAM T.	2,342,260
CHEN, BYRON HUA	2,337,300	DAMAGHI, KAMBIZ	2,343,298	EMERSON ELECTRIC COMPANY	2,342,006
CHEN, SHIWEN	2,337,600	DANTZ, DIRK	2,342,835	ENDERLE, GORDON	2,304,407
CHEN, XIANZHEN	2,341,095	DAUTARTAS, MINDAUGAS FERNAND	2,342,726	ENERGY SAVING PRODUCTS, INC.	2,337,539
CHENG, JEN-YU	2,304,408	DAVENPORT, JOHN M.	2,342,494	ENGE, TREVOR L.	2,340,037
CHESS, STANLEY C.	2,303,652	DAVIS, GORDON TAYLOR	2,334,393	ENGELS, HANS-WILHELM	2,342,693
CHHINA, HARBIR SINGH	2,303,995	DE BIASI INTERNATIONAL LIMITED	2,310,954	ENOMOTO, AKIO	2,342,123
		DE BIASI, ATTILIO	2,310,954	ENSERA, INC.	2,342,573
		DE MENESES, CLAUDIO NOGUEIRA	2,342,579	ERANIAN, ARMAND	2,337,569
				ERGEZINGER, HERMANN E.	2,304,276
				ETHICON, INC.	2,342,640
				EUGLEY, JANET STONER	2,343,266
				EXACTA CONTROLS LTD.	2,303,455
				FALERO-DIAZ, GUSTAVO	2,310,365
				FANNIN, DANIEL G.	2,342,006
				FAUBION, KENT	2,342,465
				FAUCHER, MARTIN	2,303,619
				FEELEY, MARK	2,303,631
				FEIK, JOHN W., JR.	2,342,591
				FELDMAN, MICHAEL	2,342,091

## Index des demandes canadiennes mises à la disponibilité du public

**30 septembre 2001 - 6 octobre 2001**

FERRER BELTRAN, JOSE MARIA	2,341,826	GOTHAM, BROOKS M.	2,342,263	HILL, EDWARD ARTHUR	2,340,807
FIBERSTARS INCORPORATED	2,342,494	GOTO, YASUHIRO	2,342,520	HILL, EDWARD ARTHUR	2,340,810
FINCH, WILLIAM CHRISTOPHER	2,340,862	GRAAFF, WOLFGANG	2,343,450	HILL, LESLIE G.	2,304,412
FIRST QUALITY ENTERPRISES, INC.	2,343,298	GRAVES, KYLE	2,342,657	HILL, TIM	2,303,574
FISCHELL, DAVID R.	2,342,509	GRAVILLE, STEPHEN RHYS	2,342,136	HINSPERGER, PETER	2,303,639
FISCHELL, ROBERT E.	2,342,509	GREAT LAKES CHEMICAL (EUROPE) GMBH	2,343,549	HINSPERGERS POLY INDUSTRIES LTD.	2,303,639
FISCHELL, TIM A.	2,342,509	GREEN BAY PACKAGING INC.	2,340,574	HINTERLONG, STEPHEN JOSEPH	2,337,659
FISHER, JOSEPH	2,340,511	GRIFFIN, JASON T.	2,342,745	HISATSUNE, MASAKAZU	2,342,655
FISHER, JOSEPH A.	2,304,292	GROOT, JACQUELINE HERMINA	2,342,463	HISKES, DAVID JAMES	2,342,455
FLEMING, CHRISTOPHER	2,342,692	GSCHIEDER, ALEXANDER	2,342,436	HITACHI ZOSEN CORPORATION	2,312,170
FORESTIERI, ROBERTO	2,343,549	GU, YUAN	2,304,433	HITACHI, LTD.	2,317,141
FORSBERG, FRANCIS C.	2,341,106	GUERRERO, OLIVIER	2,303,574	HITACHI, LTD.	2,319,892
FORTNER, CHRISTINA L.	2,343,475	GUGUMUS, FRANCOIS	2,342,679	HITACHI, LTD.	2,342,655
FOX, DAMIR ANTON	2,304,407	GULA, LANCE	2,342,743	HJARTARSON, JIM	2,303,631
FRANGIE, NABIL H.	2,303,657	GUTIERREZ, ANTHONY J.	2,330,502	HJARTARSON, JIM	2,303,635
FRANK, WOLFGANG	2,343,461	HAGI, NAOKI	2,334,556	HK RUOKATALO OYJ	2,303,561
FUELMAKER CORPORATION	2,303,670	HAIDER, JOSEF	2,343,073	HK RUOKATALO OYJ	2,304,303
FUJII, KOJI	2,342,520	HANAYA, HIROYUKI	2,342,012	HO, DENNIS K.	2,303,525
FUKAZAWA, HIDEO	2,342,287	HANDA, AKIO	2,342,491	HOCHSTEIN, PETER A.	2,342,267
FUKAZAWA, HIDEO	2,342,493	HANIX CO. LTD.	2,342,052	HOCHSTEIN, PETER A.	2,342,440
FUKUI, KUNIHICO	2,342,700	HANNELORE BECHEM	2,313,924	HOLDEN, DOUGLAS A.	2,313,616
FURUHASHI, HITOSHI	2,342,491	HANSBRO, JEFFREY M.	2,329,604	HOLLINGSWORTH, ANTHONY	2,342,835
FURUKAWA, HISAO	2,340,293	HANSEN, HAROLD W.	2,337,539	HOLMES, JOHN A.	2,342,745
GABL, HELMUTH	2,342,436	HANSEN, HENNING INGEMANN	2,342,959	HOMMURA, SATORU	2,342,574
GALEA, CHRISTIAN	2,342,724	HANSEN, JAMES N.	2,337,539	HONDA GIKEN KOGYO	
GALLICK, ROBERT L.	2,342,752	HANSEN, JERALD W.	2,337,539	KABUSHIKI KAISHA	2,339,310
GANI, MOHAMED MUTWAHAR	2,342,683	HARDY, CHRISTIAN	2,342,129	HONDA GIKEN KOGYO	
GANI, MOHAMED MUTWAHAR	2,343,488	HARLEY, JAMES	2,339,577	KABUSHIKI KAISHA	2,339,448
GARRATT, DOUG	2,303,455	HARPER, FRANK D.	2,341,990	HONDA GIKEN KOGYO	
GDHS STRATEGIC DEVELOPMENT GROUP, S.L.	2,303,574	HARVEY, PETER	2,352,489	KABUSHIKI KAISHA	2,339,452
GEISSLER, STEVEN J.	2,342,039	HASCO INTERNATIONAL, INC.	2,313,616	HONDA GIKEN KOGYO	2,341,087
GENERAL DOMESTIC APPLIANCES LIMITED	2,329,263	HASHIM, MOHAMED	2,303,739	HONDA GIKEN KOGYO	
GENLYTE THOMAS GROUP LLC	2,343,398	HASHIMOTO, HIROE	2,342,644	KABUSHIKI KAISHA	2,342,057
GENLYTE THOMAS GROUP, LLC	2,330,502	HASKELL NEW YORK, INC.	2,342,971	HONDA GIKEN KOGYO	
GENTILE, MIKE	2,326,086	HATA, HITOSHI	2,303,720	KABUSHIKI KAISHA	2,342,491
GENTRY, SHAWN	2,342,591	HATAKEYAMA, KAZUMA	2,342,595	HONDA GIKEN KOGYO	
GEORGIA-PACIFIC CORPORATION	2,341,990	HATAKEYAMA, KEIICHI	2,342,083	KABUSHIKI KAISHA	2,342,492
GESTE, STEVE	2,342,657	HATASA, NOBUYUKI	2,342,287	HONDA GIKEN KOGYO	
GEVA, MICHAEL	2,342,518	HATASA, NOBUYUKI	2,342,493	KABUSHIKI KAISHA	2,342,595
GEVAS VERPACKUNGSMASCHINEN GMBH	2,340,538	HAUGAARD, ERIC J.	2,342,494	HONDA GIKEN KOGYO	
GIBEAU, MICHEL	2,343,599	HAWLEY, JONATHAN	2,343,475	KABUSHIKI KAISHA	2,342,644
GIBEN IMPIANTI S.P.A.	2,329,399	HEALTH RESEARCH, INC.	2,341,971	HONDA GIKEN KOGYO	
GIGUERE, REGIS	2,303,643	HEALTHPOINT, LTD.	2,342,591	KABUSHIKI KAISHA	2,342,671
GLEESON, DAVID ALBERT GLORY LTD.	2,340,862	HEDDES, MARCO C.	2,334,393	HONDA GIKEN KOGYO	
GOBEL, RONALD	2,343,461	HEGLER, RALPH PETER	2,342,539	KABUSHIKI KAISHA	2,342,690
GODIN, BENOIT	2,303,739	HEIDER, LILIA	2,342,667	HONDA GIKEN KOGYO	
GODSTED, KENT B.	2,331,950	HEIDER, UDO	2,342,667	KABUSHIKI KAISHA	2,342,691
GOLDSCHMIDT AG	2,336,510	HEIDER, UDO	2,342,696	HONDA GIKEN KOGYO	
GOLDSMITH, THOMAS L.	2,342,554	HEINTZE, NEVIN	2,337,172	KABUSHIKI KAISHA	2,342,699
GOLDSMITH, THOMAS L.	2,342,564	HEINTZE, NEVIN	2,337,962	HONDA GIKEN KOGYO	
		HEINTZE, NEVIN	2,338,008	KABUSHIKI KAISHA	2,342,700
		HEINTZE, NEVIN	2,341,098	HONDA GIKEN KOGYO	
		HELLING, JEFFREY M.	2,313,616	KABUSHIKI KAISHA	2,343,477
		HENKEL CORPORATION	2,343,501	HOUTZ, TIMOTHY W.	2,342,285
		HENMI, NAOYA	2,341,983	HOWARD, PETE	2,339,042
		HERRMANN, UDO	2,342,465	HUANG, CHUN	2,339,894
		HERRMANN, UDO	2,343,461	HUANG, TAI-LONG	2,303,622
		HEUERMANN, THOMAS	2,343,073	HUANG, TZU-PING	2,303,645
		HIGUCHI, YOSHIKI	2,342,574	HUBSCHER FARMS LTD.	2,304,063
		HIJIKATA, TOSHIHIKO	2,340,272	HUBSCHER, DARIN	2,304,063
		HILL, EDWARD ARTHUR	2,340,806	HUDDLE, THOMAS	2,343,450

**Index of Canadian Laid-Open Applications  
September 30, 2001 - October 6, 2001**

HUMBERT, JOSEPH BELL	2,343,492	IVANYI, JURAJ	2,310,365	KINOSHITA, KENTOKU	2,326,787
HUNTER DOUGLAS INC.	2,340,856	IYENGAR, ARUN K.	2,338,915	KINOSHITA, MASAO	2,312,170
HUSCO INTERNATIONAL, INC.	2,341,804	IZAWA, KUNISUKE	2,342,535	KITOH, KENSHIN	2,342,123
HUTCHISON, ROBERT BRIAN		JACKSON, DONALD G.	2,340,146	KNIGHT, CLAUDE R.	2,303,589
	2,335,218	JANAY, GAD	2,342,748	KNIGHT, RONALD J.	2,303,589
HYBERTSEN, MARK S.	2,342,518	JENETS, ROBERT J.	2,324,889	KOBAYASHI, MASAFUMI	2,342,747
HYDRO-QUEBEC	2,304,406	JENKINS, THOMAS	2,342,762	KOBAYASHI, TOSHIO	2,340,819
IBERGESFER, S.L.	2,341,826	JENNMAR CORPORATION	2,342,707	KOBAYASHI, TOSHIO	2,341,038
ICHIKAWA, YUKIHITO	2,340,272	JEREMIASSEN, TOR E.	2,337,172	KODAMA, KATSUHISA	2,342,464
ICHIRYU, TAKU	2,334,556	JEREMIASSEN, TOR E.	2,337,962	KODAMA, KAZUYUKI	2,317,141
IDEMITSU KOSAN		JEREMIASSEN, TOR E.	2,338,008	KOIKE, HIRONOBU	2,342,566
COMPANY LIMITED	2,303,720	JEREMIASSEN, TOR E.	2,341,098	KOIZUMI, YUTAKA	2,342,493
ILIASSEVITCH, STEPAN	2,303,543	JERNIGAN, ANTOINETTE BEATON DRAIN	2,343,452	KONAMI CORPORATION	2,342,083
ILLINOIS TOOL WORKS INC.	2,331,950	JEUNG, ANDREW G.	2,343,557	KONDO, HIROKI	2,342,536
ILLINOIS TOOL WORKS INC.	2,342,039	JOHNSON, CHRIS DALE	2,342,387	KONDO, HIROYASU	2,342,500
ILLINOIS TOOL WORKS INC.	2,342,295	JOHNSON, HAROLD J.	2,304,433	KONDO, KAORI	2,317,141
ILLINOIS TOOL WORKS INC.	2,342,399	JONES, ELDON D.	2,340,149	KORISCH, ILYA ALEXANDER	2,337,929
IMPHY UGINE PRECISION	2,342,951	JONES, IAN KARL	2,343,604	KOVACIK, JAMES D.	2,342,505
INAGAKI, KENJI	2,342,052	JONES, REANUS	2,342,554	KOYAMA, JUNICHI	2,342,561
INFOINTERACTIVE INC.	2,304,353	JOSHI, MAHENDRA L.	2,342,499	KOZAWA, AKIRA	2,342,083
INGRAM, GALEN S.	2,330,156	JUDD, MANO D.	2,340,146	KREMER, WOLFGANG	2,342,296
INNOVATVE MATERIALS TESTNG		K-2 CORPORATION	2,340,803	KRUMBACH, BERNHARD	2,343,461
TECHNOLOGIES	2,342,647	KABUSHIKI KAISHA ATSUMITEC	2,342,057	KUBLICK, EGON VALTER	2,303,632
INTERNATIONAL BUSINESS MACHINES CORPORATION	2,334,393	KABUSHIKI KAISHA EQUOS RESEARCH	2,342,747	KUCHARCZYK, JOHN	2,342,002
INTERNATIONAL BUSINESS MACHINES CORPORATION	2,335,218	KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.)	2,342,569	KUHNER, ANDREAS	2,342,696
INTERNATIONAL BUSINESS MACHINES CORPORATION	2,338,910	KABUSHIKI KAISHA TOSHIBA	2,342,701	KUKREJA, ARUN KUMAR	2,303,550
INTERNATIONAL BUSINESS MACHINES CORPORATION	2,338,915	KAEFER ISOLIERTECHNIK GMBH & CO. KG	2,343,073	KULESZ-MARTIN, MOLLY F.	2,341,971
INTERNATIONAL BUSINESS MACHINES CORPORATION	2,338,925	KAJI, MASAYUKI	2,337,708	KULSHRESTHA, MANISH	2,303,550
INTERNATIONAL BUSINESS MACHINES CORPORATION	2,342,579	KAJUCH, PETE	2,331,405	KUMAKI, TAKASHI	2,342,464
INTRINITY INCORPORATED	2,342,475	KAKIMOTO, HIDESHI	2,312,170	KUMAR, SUSHIL	2,303,550
INTUIT, INC.	2,341,820	KALINOWSKI, JORN	2,340,300	KUMAR, YATISH	2,303,604
INVENTIO AG	2,342,456	KAMBA, MASARU	2,343,097	KUNIMOTO, KEIICHI	2,342,453
INVENTIO AG	2,342,457	KAMEYAMA, HIROFUMI	2,341,108	KURODA, YASUNAO	2,343,433
ISAACSON, LARRY	2,342,971	KAMISAKU, KATSUYA	2,342,759	KUSUDA, YUKIHISA	2,343,433
ISAACSON, MATTHEW	2,342,971	KANG, SHIH-CHANG	2,340,497	KYOWA HAKKO KOGYO CO., LTD.	2,342,698
ISCOE, STEVE	2,340,511	KANI, KATSUMI	2,343,477	LA PORTA, THOMAS F.	2,337,704
ISFAN, ALLAN	2,303,635	KANNO, YOSHIIHISA	2,342,699	LABINAL	2,343,596
ISHIKAWA, HIDEYUKI	2,342,294	KARAMI, HAMZEH	2,343,298	LACKNER, GERALD	2,342,264
ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES CO., LTD.	2,341,126	KARUBE, SHINICHI	2,342,057	L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET EXPLOITATION DES PROCEDES	2,342,499
ISHIZAKI, NOBUYUKI	2,339,419	KATO, HIDEKI	2,342,747	L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED	2,341,333
ISHIZAKI, NOBUYUKI	2,339,456	KATO, TERUYUKI	2,312,170	L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED	2,341,963
ISSHIKI, HIROSHI	2,312,170	KATZ, JOHANNES	2,342,511	LALLIER, JEAN-PIERRE	2,342,724
ISSHIKI, YUKIHIRO	2,339,419	KAWAKAMI, KAZUTO	2,342,701	LANDRY, SYLVAIN	2,313,723
ISSHIKI, YUKIHIRO	2,339,456	KAWAMURA, KENJI	2,342,123	LANG, JEROME	2,342,745
ITAHASHI, SATORU	2,343,097	KAWAMURA, SADAHARU	2,342,083	LANGSTON, JEFFREY A.	2,341,820
ITANI, YOSHINOBU	2,342,690	KAWANO, KAORI	2,342,664	LAPORTE, LARRY P.	2,325,979
ITO, NORIKO	2,341,560	KAXIRAS, STEFANOS	2,337,172	LAPORTE, JEAN-JACQUES	2,343,599
ITO, NORIKO	2,341,630	KAXIRAS, STEFANOS	2,337,962	LARCAN INC.	2,303,976
ITW LIMITED	2,343,604	KAXIRAS, STEFANOS	2,338,008	LARUE, JACOB L.	2,303,962
ITZHAKI, DORI	2,342,091	KAY, WARREN	2,341,098	LAWSON, JOHN D.	2,342,593
		KELLER, ARNOLD	2,343,047	LAZARIDIS, MIHAL	2,342,745
		KELLER, ARNOLD	2,342,028	LA-Z-BOY INCORPORATED	2,325,979
		KERSHAW, THOMAS N.	2,341,990		
		KESSEL, KNUT	2,343,259		
		KEY, DAVID G.	2,343,508		
		KIEJBETS, MARTIN JOZEF HUBERT	2,342,645		
		KIELLAND, PETER JOHANN	2,303,755		
		KING'S COLLEGE LONDON	2,310,365		

## Index des demandes canadiennes mises à la disponibilité du public

**30 septembre 2001 - 6 octobre 2001**

LEAVENS, ROSS BOYD	2,334,393	MACHIDA, HISASHI	2,303,720	MILLS, DAVID	2,352,489
LEDU, YVES	2,343,595	MAGOSHI, RYOTARO	2,334,556	MINO, KAZUAKI	2,341,126
LEE, HAN-SEN	2,342,839	MAHADEVAN,		MISRA, SANJAY	2,343,504
LEE, SOO SUNG	2,319,997	RAMASWAMY	2,340,807	MITEL CORPORATION	2,339,038
LEEDS, RICHARD	2,341,963	MAIER, BERNHARD	2,342,264	MITEL CORPORATION	2,342,557
LEISERSON, JAY L.	2,338,925	MAIER, BERNHARD	2,342,265	MITSUBISHI HEAVY	
LEMKE, TIMOTHY A.	2,342,285	MAJOR, HARRY R.	2,342,745	INDUSTRIES, LTD.	2,334,556
LENTZ, CHARLES W.	2,342,518	MALINGOWSKI, RICHARD		MITSUBISHI STEEL MFG.	
LEVEY, KENNETH R.	2,342,399	PAUL	2,342,743	CO., LTD.	2,342,452
LEW, RAY	2,304,406	MARAIS SA	2,311,177	MITSUMO, SATOSHI	2,342,294
LEWIS, PAUL DAVID	2,338,925	MARANGONE, DANIELE	2,342,973	MIURA CO., LTD.	2,339,419
LICEF S.A.	2,342,724	MARAVELIS,		MIURA CO., LTD.	2,339,456
LIMBACK, SCOTT R.	2,342,568	CONSTANTINOS	2,304,441	MIURA INSTITUTE OF	
LIN, CHENG-CHIEN	2,340,497	MARCONI APPLIED		RESEARCH &	
LIN, WENHUA	2,337,598	TECHNOLOGIES		DEVELOPMENT CO.,	
LINDENMANN, THOMAS W.	2,341,306	LIMITED	2,338,653	LTD.	2,339,419
LINHUANG, CHIUN-YING	2,303,612	MARGETTS, WAYNE	2,342,524	MIURA INSTITUTE OF	
LINKE, FRANK	2,343,461	MARINACK, ROBERT J.	2,341,990	RESEARCH &	
LIU, KANG-YIH	2,337,598	MARK, JOHN G.	2,329,262	DEVELOPMENT CO.,	
LISTER, GARY	2,303,607	MARLIN, LAWRENCE J.	2,343,501	LTD.	2,339,456
LITTLE, HERB A.	2,342,745	MARSALA, JOSEPH	2,342,570	MIYAGUCHI RESEARCH CO.,	
LITTLE, TOM	2,340,572	MARSH, PHILIP	2,310,365	LTD.	2,340,293
LITTON SYSTEMS, INC.	2,329,262	MARWEGE, HENNING	2,343,073	MIYAGUCHI, SHOJI	2,340,293
LIU, YUANGANG	2,341,971	MASCHINENFABRIK		MIYAKI, YOSHIYUKI	2,343,597
LOEN, RICHARD	2,303,466	NIEHOFF GMBH & CO.		MIYAMA, TORAO	2,342,052
LOEWENSBERG, DENIS	2,342,678	KG	2,342,511	MIYOSHI, YASUO	2,342,452
L'OREAL	2,342,122	MASUDA, KOUICHI	2,339,419	MIZUNO, TOSHIAKI	2,342,759
L'OREAL	2,342,721	MASUDA, KOUICHI	2,339,456	MOCKEL, BETTINA	2,340,300
L'OREAL	2,342,954	MASUOKA, YASUHIRO	2,342,083	MODERNFOLD, INC.	2,342,554
L'OREAL	2,342,956	MATSUMOTO, JUNJI	2,342,057	MODERNFOLD, INC.	2,342,564
L'OREAL	2,343,600	MATSUMOTO, TAKASHI	2,342,052	MODERNFOLD, INC.	2,342,761
LOTTMAN, BRIAN T.	2,329,262	MATSUSHITA ELECTRIC		MOFFATT, MICHEL	2,342,599
LOTTMAN, DEAN E.	2,329,262	INDUSTRIAL CO., LTD.	2,342,520	MOFFATT, TERRY GEORGE	2,303,995
LOTZ, NATASCHA	2,342,667	MATSUSHITA ELECTRIC		MOLDOVEANU, CALIN	2,303,976
LOU, HUI-LING	2,337,657	INDUSTRIAL CO., LTD.	2,342,577	MOLINER, MICHAEL	2,303,619
LOUD, JOHN	2,329,263	MATSUYAMA, KINICHI	2,342,520	MOLLENAUER, LINN	
LOVELADY, JAMES N.	2,342,506	MATSUZAWA, SHIGERU	2,317,141	FREDERICK	2,336,493
LOWRY, JAMES W.	2,315,609	MAXTECH		MOMBOURQUETTE, IVAN G.	2,303,995
LOWRY, JAMES W.	2,326,086	MANUFACTURING LTD.	2,303,551	MONTEIRO, GERARD EMILE	2,303,690
LUCENT TECHNOLOGIES		MAXYMYCH, PETER		MOORE NORTH AMERICA,	
INC.	2,336,493	NICHOLAS	2,303,610	INC.	2,303,652
LUCENT TECHNOLOGIES		MAZEWSKI, GENE E.	2,342,469	MORENO, RICHARD J.	2,342,441
INC.	2,337,300	MCLENNON, SCOTT	2,303,608	MORI, KENJIRO	2,342,500
LUCENT TECHNOLOGIES		MCCOY, RICHARD W.	2,341,306	MORIMOTO, TAKUYA	2,336,460
INC.	2,337,367	MCDONALD, RON	2,340,572	MORISHITA, KAZUHISA	2,342,577
LUCENT TECHNOLOGIES		MCINTYRE, DAVID M.	2,304,416	MORISHITA, MASAHIRO	2,342,759
INC.	2,337,598	MCKAY, BRADLEY A.	2,337,598	MORROW, J. MARK	2,326,086
LUCENT TECHNOLOGIES		MCKEE, BARBARA JANE		MOSDAL, BRIAN THOMAS	2,317,861
INC.	2,337,600	ALSPACH	2,338,915	MOSKOWITZ, PAUL	
LUCENT TECHNOLOGIES		MCROBERTS, JERALD A.	2,342,554	ANDREW	2,338,910
INC.	2,337,657	MEHTA, VIJAY KUMAR	2,303,550	MULHALL, MICHAEL	2,342,562
LUCENT TECHNOLOGIES		MEIER, DOUG	2,303,455	MUMBY, KIM R.	2,343,508
INC.	2,337,659	MEIXNER, JURGEN	2,342,296	MUNDSTOCK, HOLGER	2,342,113
LUCENT TECHNOLOGIES		MERCK PATENT		MURATA, YOSHITAKA	2,342,577
INC.	2,337,704	GESELLSCHAFT MIT		MURAYAMA, KOICHI	2,342,464
LUCENT TECHNOLOGIES		BESCHRANKTER		MURI, WERNER	2,340,503
INC.	2,337,929	HAFTUNG	2,342,667	MURPHY, STEPHEN	2,304,353
LUCENT TECHNOLOGIES		MERCK PATENT		MURRAY, KENT	2,304,353
INC.	2,342,726	GESELLSCHAFT MIT		MYLLYMAKI, OLAVI	2,304,303
LUHMANN, ERHARD	2,342,296	BESCHRANKTER		NAGEL, ROBERT T.	2,341,118
LUMINI, ANTONIO	2,342,653	HAFTUNG	2,342,696	NAGHSHINEH, STEVE F.	2,342,268
LYNN, GREGORY M.	2,329,604	METSO PAPER		NAKAMURA, GORO	2,342,536
MAAX INC.	2,303,643	AUTOMATION OY	2,342,706	NAKAMURA, TOSHINORI	2,342,012
MACA, GREGORY A.	2,340,146	MICROBIOLOGICAL		NAKAZAWA, MASAKAZU	2,342,535
MACDONALD, CAROLE G.	2,341,820	RESEARCH AUTHORITY	2,310,365	NANRI, TAKEHIKO	2,342,492
MACEDO, IVAN ROQUETE	2,342,579	MILLER, SCOTT C.	2,337,367	NANRI, TAKEHIKO	2,342,690

**Index of Canadian Laid-Open Applications  
September 30, 2001 - October 6, 2001**

NANRI, TAKEHIKO	2,342,691	OKSANEN, VEIKKO	2,342,704	PRINCE, LADIMIR	2,342,716
NANRI, TAKEHIKO	2,342,699	OLIVER PRODUCTS		PROPSON, CURT D.	2,342,568
NANRI, TAKEHIKO	2,342,700	COMPANY	2,341,841	PUHLER, ALFRED	2,340,300
NAUMANN, UWE	2,343,073	OLSON, RICHARD M.	2,343,504	R & L CARRIERS, INC.	2,342,268
NAVARRO, MARCIAL	2,343,073	ONISHI, KAZUAKI	2,341,836	RAAD, ELIE-JEAN	2,303,525
NAVON, GIDI	2,342,091	OONO, SEIJI	2,343,433	RABIA, STEPHANE	2,341,333
NEC CORPORATION	2,341,560	OSFOLK, LUDWIG	2,303,584	RACKHAM, RALPH	2,303,670
NEC CORPORATION	2,341,630	OUELLETTE, ALAIN J. P. R.	2,303,585	RAHMAN, MOHAMED	
NEC CORPORATION	2,341,983	OUGASSADEN, ABDALLAH	2,342,518	ANISUR	2,337,367
NEC CORPORATION	2,342,561	OU-YANG, TIAN-HE	2,342,647	RAJEWSKI, DAVID E.	2,343,551
NEC CORPORATION	2,342,646	OWENS, N. DOUGLAS	2,342,564	RAJEWSKI, DAVID E.	2,343,552
NEGRI, MAURIZIO	2,342,459	OWENS, N. DOUGLAS	2,342,761	RAK, ROMAN P.	2,303,525
NEWELL OPERATING		PAAKKUNAINEN, MARKO	2,342,661	RALEIGH, CRAIG D.	2,342,494
COMPANY	2,342,462	PACE, JAMES P.	2,342,468	RAMJEE, RAMACHANDRAN	2,337,704
NEWELL OPERATING		PACE, JAMES P.	2,342,519	RANDOLPH, BRUCE B.	2,324,810
COMPANY	2,342,515	PACZKOWSKI, THOMAS S.	2,343,249	RAWKINS, ANN	2,310,365
NEWELL OPERATING		PAGENHARDT, GABRIELE	2,303,485	RAY, CARL DOUGLAS	2,312,204
COMPANY	2,343,475	PALMER, KATHRYN MILES	2,342,743	REED, ANTHONY	2,342,749
NGK INSULATORS, LTD.	2,340,272	PALVOELGYI, SANDOR	2,342,264	REESE PRODUCTS, INC.	2,341,306
NGK INSULATORS, LTD.	2,342,123	PAOLITTO, ANTHONY	2,303,692	REGENTS OF THE	
NICKOLS, NICK	2,329,263	PAQUIN, JOSEPH GERALD		UNIVERSITY OF	
NICOLAI, THEODORE J.	2,342,422	RONALD	2,303,675	MINNESOTA	2,342,002
NIEMINEN, ROBERT E.	2,303,589	PARKER, ERIC	2,342,399	REICHMANN, ABRAHAM	2,303,522
NIEMUTH, TODD R.	2,342,515	PASSAMONI, PHILLIP L.	2,340,574	REICHMANN, ABRAHAM	2,306,524
NIHANDA, NORIHISA	2,339,310	PATARACCHIA, F. GEORGE	2,303,683	RELIANCE PRODUCTS	
NIHANDA, NORIHISA	2,339,448	PATEL, BHANU D.	2,343,501	LIMITED PARTNERSHIP	2,352,489
NIHANDA, NORIHISA	2,339,452	PATEL, SHAILESH		RELUME CORPORATION	2,342,267
NIHANDA, NORIHISA	2,341,087	CHUNILAL	2,312,204	RELUME CORPORATION	2,342,440
NIPPON SHEET GLASS CO.,		PAULHUS, ADRIAN J.	2,303,648	REMME, RANDALL NELSON	2,303,545
LTD.	2,342,759	PAULHUS, GERALD J.	2,303,648	RENDEL, ROBERT D.	2,304,406
NIPPON SHEET GLASS CO.,		PAVEL, LACRA	2,339,577	RENZI, FIORENZO	2,343,549
LTD.	2,343,433	PAYNE-JOHNSON, MARK	2,343,452	RESEARCH IN MOTION	
NISHIDA, KENZO	2,339,310	PECOSKIE, PHIL	2,304,347	LIMITED	2,342,745
NISHIDA, KENZO	2,339,448	PELLAND, ANDRE	2,303,585	RESQNET.COM, INC.	2,342,748
NISHIDA, KENZO	2,339,452	PELLINEN, KARI	2,342,706	REUSMANN, GERHARD	2,336,510
NISHIDA, KENZO	2,341,087	PENNER, ROBERT	2,303,455	REYDET, PIERRE-LOUIS	2,342,951
NISHIDA, NOBUMICHI	2,336,460	PENNINGS, ALBERT JOHAN	2,342,463	REZNICK, ALLAN E.	2,342,490
NISHIMURA, TSUYOSHI	2,342,577	PERCIVAL, ROBERT		RIAZIAT, MAJID L.	2,343,557
NISSIN ELECTRIC CO., LTD.	2,343,097	MICHAEL	2,339,391	RIBEIRO, WESLEY ELIAS	2,342,579
NODARI, NEREO	2,343,549	PEREZ, PHILIPPE	2,343,596	RICE, JOHN	2,304,264
NOKIAN RENKAAT OYJ	2,342,704	PERRET, PATRICE	2,343,595	RICE, MARY R.	2,342,468
NORDHOLT, JORG	2,343,073	PETEK, HRVOJE	2,319,892	RICE, MARY R.	2,342,519
NORMANT, EMMANUEL	2,342,677	PETERSEN, BERNARD L.	2,341,841	RICHARDSON, SHANNON B.	2,342,554
NORTEL NETWORKS		PETIGK, DAGMAR	2,342,696	RICHTER, ROLF	2,342,465
CORPORATION	2,303,543	PETRYNA, THOMAS M.	2,342,377	RIENSTRA, ONNO	2,342,463
NORTEL NETWORKS		PFIZER INC.	2,343,452	RING, MICHAEL D.	2,343,249
LIMITED	2,339,577	PFIZER PRODUCTS INC.	2,342,571	RITTMAYER, GEOFFREY E.	2,340,803
NORTEL NETWORKS		PFIZER PRODUCTS INC.	2,343,459	RITZEL, KENT P.	2,343,475
LIMITED	2,341,935	PHILLIPS PETROLEUM		RIVARD, DANIEL	2,311,177
NORTEL NETWORKS		COMPANY	2,324,810	RIVAUD, DAN	2,303,608
LIMITED	2,342,009	PICHLER, AXEL	2,342,436	ROBERT T. NAGEL	2,341,118
NOUJIMA, MASAFUMI	2,342,655	PICKERING, ALAN HUGH	2,338,653	ROBERTS, KIM B.	2,342,009
NOVOTNY, ROBERT ALLEN	2,337,659	PIMPARE, BRUNO	2,303,643	ROBERTS, RALPH L.	2,342,268
NSK LTD.	2,303,720	PINA, FRANCOIS	2,342,710	ROCHE DIAGNOSTICS	
NUMATA, KOHJI	2,342,646	PINARD, DEBBIE	2,339,038	CORPORATION	2,342,042
NYSSSEN, PETER-ROGER	2,342,465	PIROLLI, PETER L.	2,339,319	RODRIGUES, SERGIO T.	2,303,621
ODA, SHIGEAKI	2,342,057	PITKOW, JAMES E.	2,339,319	ROHM AND HAAS COMPANY	
ODDY, DOUGLAS	2,339,038	PLASMON IDE, INC.	2,342,568		2,340,862
OFFICINE BIEFFEBI S.R.L.	2,342,459	PLOS, GREGORY	2,342,721	ROMAN, FRANCOIS	2,342,677
OHATA, HIROYUKI	2,340,793	PLOT, HERVE JEAN	2,342,286	ROSIN, ROY M.	2,341,820
OHATA, HIROYUKI	2,341,038	POLYGANICS B.V.	2,342,463	ROTHENBURGER,	
OHATA, HIROYUKI	2,342,291	POZGAINER, GUNTHER	2,342,264	MATTHIAS	2,342,667
OHNISHI, MASATOSHI	2,341,108	POZGAINER, GUNTHER	2,342,265	ROUSSEAU, ROBERT	2,342,129
OKA, TOSHIAKI	2,342,701	PRADIER, JEAN-CLAIR	2,343,596	ROUSSEAU, ROBERT A.	2,342,640
OKADA, KAZUYA	2,314,389	PRAVDA, LASZLO	2,303,754	ROUSSELET, GUILHEM	2,342,122
OKADA, KAZUYA	2,314,391	PRAVDA, LIVIA	2,303,754	ROUVELLOU, ISABELLE M.	2,338,915

## Index des demandes canadiennes mises à la disponibilité du public

**30 septembre 2001 - 6 octobre 2001**

ROWAN, TIMOTHY GEORGE	2,343,452	SIMONINI, GIAMPAOLO	2,342,652	TAKAI, HISASHI	2,341,046
ROWE, ALEXANDER	2,343,047	SINGH, ABTAR	2,340,910	TAKEDA CHEMICAL	
ROYAL VENDORS, INC.	2,343,249	SINS, VERONIQUE	2,326,086	INDUSTRIES, LTD.	2,342,464
RUBIN, BRUCE KALMAN	2,343,453	SIPILA, KARI	2,303,561	TAKESHITA, HITOSHI	2,341,983
RULF, BENJAMIN	2,337,929	SMITH, JOSEPH J.	2,342,505	TAKEUCHI, CHIKARA	2,342,655
RUSU, WILLIAM	2,339,686	SMITH, MATTHEW E.	2,342,593	TAKEUCHI, NAOHITO	2,314,389
RUUD, ALAN J.	2,342,494	SMITH, MURRAY D.	2,303,756	TAKEUCHI, NAOHITO	2,314,391
RYUDO, MAKOTO	2,342,520	SOFTV.NET	2,303,466	TAKUBO, NOBORU	2,339,419
S&C ELECTRIC COMPANY	2,342,422	SOMMERS, JAMES A.	2,303,558	TAKUBO, NOBORU	2,339,456
SAITOH, CHIAKI	2,342,698	SONNTAG, MICHAEL	2,342,113	TAN, JENNIE C.	2,341,820
SAKAMOTO, AKIO	2,342,083	SONOCO DEVELOPMENT,		TANAKA, KICHIZO	2,342,052
SAKATANI, YOSHIAKI	2,342,566	INC.	2,315,609	TANAKA, YOSHIHISA	2,343,097
SAKYA, SUBAS MAN	2,343,459	SONOCO DEVELOPMENT,		TANGE, SATORU	2,340,819
SALEEM, KESAR	2,338,653	INC.	2,326,086	TANGE, SATORU	2,342,291
SALGARELLI, LUCA	2,337,704	SONY CORPORATION	2,342,012	TANIO, TOSHIYUKI	2,314,389
SALMON, SEAN	2,342,509	SOPHIA INTERNATIONAL		TAO, JUN	2,314,671
SAMSON, VICKY	2,303,583	CO., LTD.	2,326,787	TATEISHI, MASATAKA	2,342,569
SANDER, THOMAS	2,340,538	SOUFANATI, TALAL	2,342,599	TAUCH, ANDREAS	2,340,300
SANYAL, SAMIR	2,342,599	SPAANS, COENRAAD JAN	2,342,463	TAYLOR, PAUL	2,329,263
SANYO ELECTRIC CO., LTD.	2,336,460	SPECTOR, MAGALY	2,337,598	TAZARTES, DANIEL A.	2,329,262
SANYO ELECTRIC CO., LTD.	2,343,458	SPENCER, BRADFORD	2,304,353	TEKIN, IBRAHIM	2,337,300
SASANO, HIROSHI	2,304,292	SPRING, EDUARDO N.	2,338,925	TERADA, ICHIRO	2,342,574
SASANO, HIROSHI	2,340,511	STACEY, FRED	2,303,604	TERADA, YUKIHIRO	2,312,170
SASHIDHARA, KONENI		STACEY, FRED	2,303,608	TESLER, JANET	2,304,292
VENKATA	2,303,550	STANKUS, JOHN C.	2,342,707	TESMA MOTOREN UND	
SATO, TAKAHIRO	2,342,536	STAWIKOWSKI, JEAN-		GETRIEBETECHNIK	
SAULCE, ROGER LEON		MARIE	2,342,129	GES.M.B.H.	2,342,264
GEORGE	2,303,585	STENGEL, FRANCIS A., JR.	2,342,521	TESMA MOTOREN UND	
SAVAN, GHASSAN	2,303,574	STENZLER, ALEX	2,340,511	GETRIEBETECHNIK	
SAWABE, YOSHINARI	2,342,566	STEPHENSON, DWIGHT B.	2,341,804	GES.M.B.H.	2,342,265
SCHAFFNER, WALTER E.	2,343,487	STEPNIAK, FRANK	2,342,749	TETSUMOTO, MASAHIKO	2,342,569
SCHERR, GUNTER	2,343,259	STI-CO INDUSTRIES, INC.	2,342,521	THE BERGQUIST COMPANY	2,343,504
SCHIMKAT, ARMIN	2,342,670	STOCKEL, DIETER	2,342,509	THE BOC GROUP PLC	2,342,136
SCHLAGE LOCK COMPANY	2,331,405	STRATICO, GIANFRANCO	2,342,653	THE BOEING COMPANY	2,342,506
SCHLUMBERGER CANADA		STUDIO TECNICO		THE BUDD COMPANY	2,339,686
LIMITED	2,339,042	ASSOCIATO		THE DISTRIBUTION	
SCHLUMBERGER CANADA		MARANGONE &		SYSTEMS RESEARCH	
LIMITED	2,342,441	ALBERICI	2,342,973	INSTITUTE	2,340,293
SCHLUMBERGER CANADA		SUEYOSHI, TAKAHIKO	2,342,012	THE YOUNG INDUSTRIES,	
LIMITED	2,342,594	SUGA, AYAMI	2,342,013	INC.	2,330,156
SCHMIDT, MICHAEL	2,342,696	SUGA, AYAMI	2,342,015	THEODORAS, JAMES T., II	2,342,279
SCHNEIDER AUTOMATION	2,342,129	SULCS, JURIS	2,342,494	THERIAULT, MARTIN	2,341,333
SCHNEIDER, STEVEN ROY	2,342,571	SUMITOMO CHEMICAL		THERMAL FORM &	
SCHUBART, RUDIGER	2,342,693	COMPANY, LIMITED	2,342,566	FUNCTION LLC	2,342,570
SCOTT-THOMAS, JOHN	2,340,572	SUMITOMO METAL		THOMAS & BETTS	
SEIKI, HIROMICHI	2,303,720	INDUSTRIES, LTD.	2,342,664	INTERNATIONAL, INC.	2,342,749
SEKI, BUNZO	2,342,671	SUMMERFORD, ROBERT L.	2,330,502	THOMAS, KENNETH G.	2,342,692
SEOK, MI SOO	2,343,500	SUNANO, TAIZO	2,343,458	THOMSON-CSF	2,342,710
SEOS DISPLAYS LIMITED	2,343,484	SUNATORI, GO SIMON	2,303,470	THUEL, SANDRA R.	2,337,704
SERIO, CRAIG S.	2,342,462	SUPPAN, WOLFGANG	2,342,265	TIBERGHEN, OLIVIER	
SETO, CHUK	2,342,557	SUTHERLAND, ROBERT M.	2,343,557	TANGUY	2,342,286
SHAMROCK ALUMINIUM		SUZUKI, HIDEAKI	2,342,671	TIMBERJACK INC.	2,342,661
LIMITED	2,342,599	SUZUKI, KENGO	2,342,083	TO, CHUN YUEN	2,318,015
SHARMA, RAM PRAKASH	2,303,550	SUZUKI, MIOU	2,340,904	TO, CHUN YUEN	2,331,946
SHEN, GARY	2,340,461	SUZUKI, MIOU	2,341,046	TO, CHUN YUEN	2,331,948
SHERMAN, BERNARD		SUZUKI, TAKAYUKI	2,342,057	TO, CHUN YUEN	2,331,973
CHARLES	2,303,481	SWEET, EARLE C.	2,307,273	TO, CHUN YUEN	2,331,974
SHIH, STUART TE-HUI	2,335,218	SWISZCZ, PAUL G.	2,340,856	TO, CHUN YUEN	2,340,210
SHIMIZU, AKIHIRO	2,342,083	SYLVAIN, DANY D.	2,341,935	TOFIN, DARCY	2,304,412
SHIMIZU, JYOJI	2,314,389	SYMAGERY MICROSYSTEMS		TOKUDA, TSUYOSHI	2,342,577
SHIMODA, HIROSHI	2,342,574	INC.	2,340,572	TOMARU, TATSUYA	2,319,892
SHIMONI, JACOB	2,342,091	TAJIMA, HIROKI	2,342,493	TONNE, STEPHAN	2,343,073
SHREDFAST, INC.	2,343,551	TAKADA, MASATOSHI	2,342,655	TRAILMOBILE TRAILER LLC	2,343,450
SHREDFAST, INC.	2,343,552	TAKAHASHI, DAISUKE	2,342,535	TREDEGAR CORPORATION	2,312,204
SILENT WITNESS		TAKAHASHI, MASATOSHI	2,336,460	TRIPATHI, VINAYAK	2,303,550
ENTERPRISES LTD.	2,303,525	TAKAI, HISASHI	2,340,904	TRUWIT, CHARLES L.	2,342,002



**Index of Canadian Laid-Open Applications  
September 30, 2001 - October 6, 2001**

TSENG, JUSTIN	2,341,127	WAKABAYASHI,		WORLD WIDE STATIONERY	
TSUCHIYA, ATSUSHI	2,312,170	KAZUSHIRO	2,342,644	MANUFACTURING	
TSURUTA, YUICHIRO	2,342,057	WAKASA, SATOSHI	2,339,419	COMPANY LIMITED	2,331,973
TSUTSUI, MOTOTSUGU	2,342,012	WAKASA, SATOSHI	2,339,456	WORLD WIDE STATIONERY	
TURBE, HUGUES	2,342,950	WAKE FOREST UNIVERSITY	2,343,453	MANUFACTURING	
UCHIYAMA, NOBUYUKI	2,342,012	WAKISAKA, MASAHIDE	2,343,433	COMPANY LIMITED	2,331,974
UMEYAMA, MIKIYA	2,342,493	WALDEMAR LINK (GMBH &		WORLD WIDE STATIONERY	
UNGAR, WILLIAM DEAN	2,343,475	CO)	2,342,028	MANUFACTURING	
UNI-CHARM CORPORATION	2,314,389	WALKER, FREDERICK		COMPANY LIMITED	2,340,210
UNI-CHARM CORPORATION	2,314,391	HERBERT	2,342,658	WORLDWIDE WATER, INC.	2,341,106
UNI-CHARM CORPORATION	2,340,793	WALLACE, JOHN	2,340,910	WU, CHIN-SUNG	2,303,582
UNI-CHARM CORPORATION	2,340,819	WALSH, MICHAEL J.	2,342,462	WYATT, RICHARD	2,339,391
UNI-CHARM CORPORATION	2,340,904	WALSH, MICHAEL J.	2,342,515	XEROX CORPORATION	2,339,319
UNI-CHARM CORPORATION	2,341,038	WANG, CHRISTOPHER SUNG	2,343,453	XYBERNAUT CORPORATION	
UNI-CHARM CORPORATION	2,341,046	WARNER-LAMBERT			2,325,161
UNI-CHARM CORPORATION	2,341,836	COMPANY	2,342,677	YAGI, TOSHIYUKI	2,342,552
UNI-CHARM CORPORATION	2,342,013	WATANABE, MAMORU	2,342,520	YAGI, TOSHIYUKI	2,342,684
UNI-CHARM CORPORATION	2,342,015	WATKINS, WALTER A.	2,343,487	YAMADA, TOSHIO	2,340,272
UNI-CHARM CORPORATION	2,342,291	WATSON, DONALD C.	2,342,441	YAMAGUCHI, SEIJI	2,342,577
UNI-CHARM CORPORATION	2,342,294	WATSON, RICHARD		YAMAGUCHI, YUKUO	2,342,493
UNILEVER PLC	2,342,683	WILLIAM	2,342,136	YAMAGUCHI, YUKUO	2,342,642
UNILEVER PLC	2,343,488	WEBER, KONRAD	2,342,114	YAMAMOTO, NOBUHIRO	2,337,708
UNITED STATES FILTER		WEBHANCER		YAMAMOTO, TAIZO	2,342,747
CORPORATION	2,342,469	CORPORATION	2,303,739	YAMANA, KENJI	2,342,747
UNITED STATES FILTER		WEHMEIER, LUTZ	2,340,300	YAMPEL, TODRES	2,342,748
CORPORATION	2,342,473	WEIKARD, JAN	2,342,113	YAN, DONGSHENG	2,339,894
UNITED TECHNOLOGIES		WEIKARD, JAN	2,342,296	YASUDA, KAZUHIRO	2,342,492
CORPORATION	2,342,455	WEIRICH, ANDREAS	2,303,631	YATES, DAVID A.	2,343,249
UNIVERSITÉ DU QUÉBEC A		WEIRICH, ANDREAS	2,303,635	YAZAKI CORPORATION	2,342,536
MONTREAL	2,303,510	WEISMANTEL, LOTHAR	2,343,461	YENER, BULENT	2,337,600
UNIVERSITY OF MANITOBA	2,340,461	WELLS, JOHN	2,342,692	YONA, NIR	2,342,091
UNIVERSITY		WERMUTH, ERNST	2,343,073	YOSHIDA, HARUNOBU	2,343,433
TECHNOLOGIES		WESTERN ARMS	2,342,453	YOSHIDA, MASAKI	2,341,038
INTERNATIONAL INC.	2,303,621	WESTINGHOUSE AIR BRAKE		YOSHIDA, TOSHIHIRO	2,342,123
UNKNOWN	2,303,510	TECHNOLOGIES		YOSHIMINE, TAKAO	2,342,012
unknown	2,304,459	CORPORATION	2,324,889	YU, PHILIP SHI-LUNG	2,338,910
UNO, KAZUTAKA	2,342,698	WHITE, GERALD J., JR.	2,343,487	ZACCARELLI, PAOLO	2,342,459
URAI, KAORUKO	2,342,052	WHITTEN, DAVID B.	2,313,616	ZDASIUK, GEORGE A.	2,343,557
US ALUMINUM INC.	2,342,599	WICKBERG, PAUL	2,340,910	ZILLIEN, BURKHARD	2,341,617
UTAKA, KENJI	2,342,655	WILCHER, STEPHEN B.	2,342,473	ZINDLER, MARK OWEN	2,343,492
VACCARO, ALEX	2,303,547	WILHELM, DIDIER	2,337,569	ZIVITZ, MAURY	2,342,042
VALENTINI, VALERIO	2,303,692	WILLIAMS, DANIEL T.	2,343,475		
VALMONT INDUSTRIES, INC.		WITT, JOSEF	2,342,465		
	2,303,962	WITZEL, THEODORE A.	2,342,689		
VARADHAN, KANNAN	2,337,704	WOLF, HARTWIG	2,340,503		
VARCO SHAFFER, INC.	2,342,387	WOLF, MICKEY	2,342,465		
VARIAN MEDICAL		WONG, ANDREW	2,325,161		
SYSTEMS, INC.	2,343,557	WOOD, ROBERT L.	2,340,807		
VASUDEVA, KAILASH C.	2,303,551	WOOD, ROBERT L.	2,340,944		
VAYRETTE, SOPHIE HELENE	2,342,954	WOODHOUSE, STEPHEN			
VAYRETTE, SOPHIE HELENE	2,342,956	JOHN	2,303,497		
VECTOR HYDRAULICS INC.	2,343,047	WOODHOUSE, STEPHEN			
VEESER, KLAUS	2,342,835	JOHN	2,303,500		
VERPLANCKEN, FABRICE		WOODNORTH, BRIAN E.	2,342,462		
JEAN	2,334,393	WOODNORTH, BRIAN E.	2,342,515		
VESELEY, ALEX	2,340,511	WOODNORTH, BRIAN E.	2,343,475		
VESELY, ALEX	2,304,292	WORLD WIDE STATIONERY			
VICKERS, JOAN N.	2,303,621	MANUFACTURING			
VINCENT, CHRISTOPHE	2,342,129	COMPANY LIMITED	2,318,015		
VINCENT, PHILIPPE	2,337,569	WORLD WIDE STATIONERY			
VINCENT, RAY	2,342,657	MANUFACTURING			
VOLGYESI, GEORGE	2,304,292	COMPANY LIMITED	2,331,946		
VU, NGOC CAN	2,337,569	WORLD WIDE STATIONERY			
WADA, MITSUHIRO	2,342,013	MANUFACTURING			
WADA, MITSUHIRO	2,342,015	COMPANY LIMITED	2,331,948		

# Index of PCT Applications Entering the National Phase

## Index des demandes PCT entrant en phase nationale

3M INNOVATIVE PROPERTIES COMPANY	2,356,418	AMERICAN CYANAMID COMPANY	2,356,267	APPEL, JOSEF	2,355,711
3M INNOVATIVE PROPERTIES COMPANY	2,357,000	AMERICAN CYANAMID COMPANY	2,356,313	APPLIED MICROSYSTEMS CORPORATION	2,355,839
3M INNOVATIVE PROPERTIES COMPANY	2,357,051	AMERICAN CYANAMID COMPANY	2,356,345	APPLIED RESEARCH SYSTEMS ARS HOLDING N.V.	2,356,737
3M INNOVATIVE PROPERTIES COMPANY	2,357,420	AMERICAN CYANAMID COMPANY	2,356,346	ARA, YOUICHI	2,356,854
ABBOTT LABORATORIES	2,355,820	AMERICAN CYANAMID COMPANY	2,356,480	ARAKI, YOSHINORI	2,356,999
ABBOTT LABORATORIES	2,356,320	AMERICAN CYANAMID COMPANY	2,356,481	ARAO, NAKAKO	2,356,845
ABBOTT, AARON	2,356,351	AMERICAN CYANAMID COMPANY	2,356,481	ARCH DEVELOPMENT CORPORATION	2,356,551
ABBOTT, RONALD D.	2,356,083	AMERICAN CYANAMID COMPANY	2,356,855	ARISAWA, HIROHIKO	2,356,850
ABE, HIDETOSHI	2,356,999	AMERICAN CYANAMID CORPORATION	2,356,299	ARMBRUST, RALPH	2,355,862
ABEL-SANTOS, ERNESTO V.	2,355,934	AMERICAN REGISTRY OF PATHOLOGY	2,356,354	ARMSTRONG, MARTIN	2,355,658
ABRAHAM, DICKY G.	2,355,680	AMERITECH CORPORATION	2,356,872	ARNDT, ULRICH WOLFGANG	2,355,232
ACKERMANN, JURGEN	2,355,862	AMERSHAM PHARMACIA BIOTECH AB	2,355,827	ARNISON, PAUL G.	2,354,185
ADDY, TRALANCE	2,357,043	AMIDHOZOUR, RAHIM	2,356,907	ARTHUR, JIM	2,355,706
ADELMANT, GUILLAUME	2,353,086	AMIDHOZOUR, RAHIM	2,356,989	ASHKENAZI, AVI J.	2,353,799
ADHIKARI, SUSANTA SEKHAR	2,356,841	AMIT, SHARON	2,354,153	ASHLAND INC.	2,356,153
ADITYA, VIKAS	2,355,881	AMJAD, ZAHID	2,356,692	ASTE-AMEZAGA, MIGUEL	2,355,883
ADTRAN	2,356,952	AMMERMANN, EBERHARD	2,355,711	ASTRAZENECA AB	2,355,792
ADVANCED ELASTOMER SYSTEMS, L.P.	2,356,249	AMTOFT, TORBEN	2,355,594	ASTRAZENECA AB	2,356,898
ADVANCED VISION TECHNOLOGIES, INC.	2,355,660	AMYLIN PHARMACEUTICALS, INC.	2,356,331	ATKINS, MARTIN PHILIP	2,355,119
AGIER, FRANCOIS	2,356,656	AMYLIN PHARMACEUTICALS, INC.	2,356,706	ATLANTIC BIOPHARMACEUTICALS, INC.	2,354,638
AGIER, FRANCOIS	2,356,659	ANDERSEN VILBOUR, KIM	2,355,579	ATO B.V.	2,357,032
AGRAWAL, AVNEESH	2,355,837	ANDERSEN VILBOUR, KIM	2,355,580	ATOFINA	2,355,693
AGRAWAL, BABITA	2,354,644	ANDERSEN VILBOUR, KIM	2,355,947	ATOFINA	2,355,705
AGRAWALA, VIVEK	2,355,931	ANDERSEN VILBOUR, KIM	2,355,969	AUDREN, JEAN-THIERRY	2,355,708
AHN, JAE-MIN	2,357,518	ANDERSEN, CARSTEN	2,355,579	AUER, MANFRED	2,356,344
AHTOLA, UNTO	2,354,692	ANDERSEN, CARSTEN	2,355,580	AUGUSTSSON, TORSTEN	2,356,876
AISAKA, KAZUO	2,357,038	ANDERSEN, CARSTEN	2,355,947	AURAN, LARS	2,356,486
AKPORIAYE, DUNCAN	2,356,388	ANDERSEN, CARSTEN	2,355,969	AURORA SYSTEMS, INC.	2,355,614
AKSYS LTD.	2,356,365	ANDERSEN, PETER	2,356,675	AU-YOUNG, JANICE	2,353,797
AKZO NOBEL N.V.	2,356,842	ANDERSON, DAVID W.	2,356,986	AVENTIS CROPSCIENCE S.A.	2,356,818
ALBERTA RESEARCH COUNCIL, INC.	2,356,658	ANDERSON, RICHARD R.	2,356,705	AVENTIS PASTEUR LIMITED	2,354,431
ALBIZZATI, ENRICO	2,356,851	ANDERSON, RUSSELL F.	2,356,274	AVENTIS PHARMA	
ALBIZZATI, ENRICO	2,356,870	ANDO, KUNIO	2,355,299	DEUTSCHLAND GMBH	2,354,154
ALBRIGHT, JAY DONALD	2,356,267	ANDO, OSAMU	2,355,700	AVENTIS PHARMA	
ALGATE, PAUL A.	2,354,156	ANELLI, PIER LUCIO	2,355,888	DEUTSCHLAND GMBH	2,355,300
ALLAN, DOUGLAS C.	2,355,678	ANGIBAUD, PATRICK RENE	2,355,717	AVENTIS PHARMACEUTICALS INC.	2,356,919
ALLERGAN SALES, INC.	2,357,014	ANGIOTECH PHARMACEUTICALS, INC.	2,355,873	AVENTIS PHARMACEUTICALS PRODUCTS INC.	2,357,008
ALLIEDSIGNAL INC.	2,355,609	ANTCZAK, CASIMIR	2,356,871	AVERY DENNISON CORPORATION	2,355,116
ALLIEDSIGNAL INC.	2,356,274	ANTIGEN EXPRESS, INC.	2,354,188	AVERY DENNISON CORPORATION	2,356,093
ALLIEDSIGNAL INC.	2,356,521	ANTON ZAHORANSKY GMBH & CO.	2,356,245	AVERY, JAMES E.	2,356,910
ALLIEDSIGNAL INC.	2,356,529	ANTON, OCTAVIAN	2,356,143	AWARE, INC.	2,357,551
ALLISON, JAMES P.	2,352,783	ANTTILA, JORMA	2,356,321	AZIMZAI, YALDA	2,353,797
ALMQVIST, FREDERIK	2,355,117	AOKI, YUHKO	2,355,694	B D MEDICO S.A.R.L.	2,355,617
ALTERA HOLDINGS CORPORATION	2,356,248	AOUNI, LARBI	2,356,817	BABA, HAJIME	2,357,045
ALZA CORPORATION	2,355,860			BABCOCK, MYRON BRUCE	2,355,605
ALZA CORPORATION	2,356,860			BACH, NICHOLAS JAMES	2,356,159
AMERICAN BIOGENETIC SCIENCES, INC.	2,355,296			BACHMAN, TIMOTHY A.	2,355,929
				BACHMANN, MARTIN	2,354,183

## Index of PCT Applications Entering the National Phase

BACHMANN, MICHEL	2,355,121	BERNDT, DIETER	2,356,666	BPB PLC	2,356,908
BACOS, MARIE PIERRE	2,355,692	BERSTORFF GMBH	2,355,833	BRABANTIA NEDERLAND B.V.	2,356,833
BACOS, MARIE PIERRE	2,355,695	BERTRAM, RICHARD L.	2,355,961	BRACCO IMAGING S.P.A.	2,355,888
BADER, JOEL S.	2,356,950	BESEMER, ARIE CORNELIS	2,356,849	BRADLEY, DAVID E.	2,356,274
BAE SYSTEMS PLC	2,355,838	BESNIER, PHILIPPE	2,355,697	BRANDENBURG, KARLHEINZ	2,356,869
BAE-LEE, MYONGSUK	2,355,122	BEST, GREGORY C.	2,355,885	BRANNEBY, ANDERS	2,355,718
BAI, YILI	2,356,896	BETREMIEUX, ISABELLE	2,355,693	BRATZ, MATTHIAS	2,355,230
BAKER NORTON		BETTIOL, JEAN-LUC PHILIPPE	2,357,046	BRAUNS, ALLEN	2,357,543
PHARMACEUTICALS, INC.	2,355,932	BETTIOL, JEAN-LUC PHILIPPE	2,357,047	BRIDENNE, PIERRE	2,355,701
BAKER, JANNIE LEA	2,356,313	BEUDON, DIDIER	2,355,701	BRIFFAUD, THIERRY	2,355,705
BALES, THOMAS O.	2,356,136	BEYER, DAVID A.	2,356,947	BRIGHT, GENE MICHAEL	2,356,985
BALLARD POWER SYSTEMS		BHADURI, PARI	2,356,387	BRINKER, RONALD J.	2,356,556
INC.	2,355,110	BHAGWAT, SHRIPAD S.	2,356,986	BRISTOL-MYERS SQUIBB	
BANDINI, JEAN-CHRISTOPHE	2,357,016	BICHENKOVA, ELENA		COMPANY	2,356,360
BANERJEE, NILOY	2,356,387	VLADIMIROVNA	2,355,352	BRITTEN, NANCY J.	2,355,894
BANKS, BERNARD JOSEPH	2,356,300	BIO MERIEUX	2,354,152	BROCCHETTA, MARINO	2,355,888
BARANY, FRANCIS	2,356,697	BIOGEN, INC.	2,352,738	BROCHETON, YVES A.	2,357,427
BARKARO, STEFAN	2,355,719	BIOMEDICAL RESEARCH		BROCHETON, YVES A.	2,357,439
BARNES, TAMILA J.	2,356,355	GROUP INC.	2,355,893	BROWN, DAVE	2,356,478
BARNICKEL, GERHARD	2,356,134	BIOMIRA, INC.	2,354,644	BROWN, IAN	2,355,116
BARSS, JAMES F.	2,356,878	BIONEER CORPORATION	2,356,700	BRUCATO, MICHAEL	2,355,932
BARTIK-HIMMLER, IBOLYA	2,355,100	BIRENDRA, LAL	2,356,911	BRUHN, STEFAN	2,356,883
BARTOSZYK, GERD	2,356,134	BISHOP INNOVATION LIMITED	2,356,341	BRUNO, RENE	2,357,008
BASF AKTIENGESELLSCHAFT	2,355,230	BITTO, ROLAND	2,356,869	BRUUN-JENSEN, JORGEN	2,355,237
BASF AKTIENGESELLSCHAFT	2,355,711	BJ SERVICES COMPANY		BUAN, ANGELES LILLIAN	2,356,956
BASF CORPORATION	2,355,240	CANADA	2,356,081	BUDREVICH, JODI A.	2,356,692
BASF CORPORATION	2,355,935	BKI HOLDING CORPORATION	2,356,651	BUENAFE, MARIA W.	2,355,932
BASILEA PHARMACEUTICA		BLACK, STEVEN M.	2,356,995	BUENEMANN, MORRIS C., JR.	2,355,885
AG	2,355,694	BLACKMORE, PHILLIP W.	2,356,519	BUITENDIJK HOLDING B.V.	2,356,528
BATEMAN, LINDA S.	2,355,245	BLANCHARD, BEATRICE	2,355,704	BUNCZEK, MICHAEL T.	2,356,935
BATHINA, HARINATH B.	2,356,692	BLESSENT, LUCA	2,355,837	BURATTIN, PAOLO	2,356,817
BATTELLE MEMORIAL		BLOCK, HANS-DIETER	2,355,862	BURI, MATTHIAS	2,355,684
INSTITUTE	2,354,140	BLOM, VESA	2,356,339	BURI, MATTHIAS	2,356,775
BATTELLE MEMORIAL		BLONDINO, FRANK E.	2,355,932	BURNS, JAMES	2,354,863
INSTITUTE	2,355,683	BLUM, RENE VINZENZ	2,356,775	BUSCH, ALFRED	2,357,046
BATTELLE MEMORIAL		BODENHAMER, WILLIAM T.	2,356,277	BUSCH, ALFRED	2,357,047
INSTITUTE	2,356,342	BODICKY, RAYMOND O.	2,355,597	BUSH, JAMES H.	2,357,040
BAU', FABIO	2,356,980	BODIE, ELIZABETH A.	2,357,577	BUSH, MARY ELIZABETH	2,356,890
BAUER, CHARLES W.	2,356,355	BOEHRINGER INGELHEIM		BUSICK, DAVID R.	2,355,683
BAUGHN, MARIAH R.	2,353,797	(CANADA) LTD.	2,355,865	BUTLER, BRIAN K.	2,355,837
BAUGHN, MARIAH R.	2,355,074	BOGACHENKOV, EVGENY	2,357,033	BUTTERBACH, RUDIGER	2,356,925
BAUN, KENNETH W.	2,356,340	BOIRE, JANET L.	2,357,568	BYRNE, BOB	2,357,651
BAUNOCH, DAVID	2,355,114	BOIRE, MARTIN C.	2,357,568	CABUZ, CLEOPATRA	2,357,049
BAXTER INTERNATIONAL INC.		BOIS, HENRI GEORGES	2,355,699	CAHILL, PAUL J.	2,356,355
	2,356,956	BOISDEQUIN, VINCENT	2,356,350	CAISSE, PHILIPPE G.	2,356,556
BAY MILLS, LTD	2,356,519	BOMBARDIER MOTOR		CALDARALE, CHARLES	
BAYER		CORPORATION OF		RAYMOND	2,355,065
AKTIENGESELLSCHAFT	2,355,295	AMERICA	2,356,612	CALIMETRICS, INC.	2,356,858
BAYER CORPORATION	2,355,825	BOND, BOB	2,355,685	CAMAIL, MICHEL	2,356,759
BEARDWOOD, EDWARD		BORRELLI, FRANCESCO	2,356,737	CAMPBELL, KENNETH C.	2,356,858
SAMUEL	2,356,153	BORRELLI, NICHOLAS F.	2,355,678	CAMPUBI, JOSE	2,356,736
BEAVERSON, GREGORY K.	2,356,369	BORRELLI, NICHOLAS F.	2,357,427	CANNON, JAMES B.	2,356,902
BECHTOLD, HERBERT	2,355,617	BORRELLI, NICHOLAS F.	2,357,439	CANTRELL, PAUL	2,356,672
BELKNAP, BRIAN B.	2,355,885	BOSETTO, ANTONIO	2,356,774	CARDINAL IG COMPANY	2,355,685
BELL, ROBERT IRVIN	2,356,651	BOSMANS, JEAN-PAUL RENE		CARLISLE MANAGEMENT	
BELTSEKOVSKY, EDWARD	2,355,621	MARIE ANDRE	2,355,857	COMPANY	2,356,358
BEMPORAD, LUCA	2,356,849	BOSTON SCIENTIFIC LIMITED	2,355,115	CARLSON, CHRISTOPHER	2,356,248
BENDEK, WILFREDO G.	2,355,601	BOSTON SCIENTIFIC LIMITED	2,356,129	CARR, J. SCOTT	2,355,715
BENDER, FREDRIC G.	2,356,088	BOSTON SCIENTIFIC LIMITED	2,356,136	CARUFEL, ROGER J.	2,357,000
BENDER, PAUL E.	2,355,837	BOSTON SCIENTIFIC LIMITED	2,356,309	CASIO COMPUTER CO., LTD.	2,356,949
BENJAMIN, RAJAPANDIAN	2,355,235	BOTTCHER, HENNING	2,356,134	CASSCELLS, S. WARD III	2,356,911
BENKOVIC, STEPHEN J.	2,355,934	BOURDREZ, XAVIER MARC	2,355,717	CASTELLANI, LUCA	2,356,851
BEN-NERIAH, YINON	2,354,153	BOURNAT, PHILIPPE	2,356,953	CASTLE, ROBERT W.	2,356,525
BENOIT, DAVID A.	2,357,543	BOUTON, CHAD E.	2,356,342	CATALANO, RICCARDO	2,355,872
BENSON, DANIEL C.	2,355,931	BOWMEAD HOLDINGS INC.	2,355,107	CAVANAUGH, KELLY A.	2,355,932
BENSON, GERALD M.	2,356,418	BOYD, OWEN E.	2,356,902	CELGENE CORPORATION	2,356,954
BENSON, GERALD M.	2,357,420	BOYD, STEVEN A.	2,356,320	CENTRE NATIONAL DE LA	
BERANEK, MARK W.	2,357,486	BP CHEMICALS LIMITED	2,355,119	RECHERCHE	
BERGHAUS, RAINER	2,355,230	BP CORPORATION NORTH		SCIENTIFIQUE - CNRS	2,355,704
BERNDT, DIETER	2,356,663	AMERICA, INC.	2,356,355		

## Index des demandes PCT entrant en phase nationale

CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS	2,356,777	COMPAGNIE INTERNATIONALE DE TURBINES		DAHL, TERRENCE C.	2,355,239
CERTAINTED CORPORATION	2,356,519	ATMOSPHERIQUES	2,355,690	DAI, HONGYUE	2,356,696
CESARONI, ANTHONY JOSEPH	2,355,605	COMPUTER ASSOCIATES THINK, INC.	2,356,351	DAIICHI PURE CHEMICALS CO., LTD.	2,356,738
CESARONI, TECHNOLOGIES INCORPORATED	2,355,605	COMPUTER ASSOCIATES THINK, INC.	2,356,563	DAIKIN INDUSTRIES LTD.	2,355,246
CEVC, GREGOR	2,356,080	COMPUTER ASSOCIATES THINK, INC.	2,356,672	DALBON, PASCAL	2,354,152
CEZANNE, BERTRAM	2,356,134	COMSTOCK, DAVID	2,356,862	DANA-FARBER CANCER INSTITUTE	2,353,086
CHAN, GRACE SZE MAN	2,356,562	CONAGHEY, ORLA MARY	2,355,829	DANA-FARBER CANCER INSTITUTE, INC.	2,357,601
CHANG, FRANK F.	2,356,332	CONI, PHILIPPE	2,355,697	DAN-CONTROL ENGINEERING A/S	2,355,841
CHARLEUX, BERNADETTE	2,355,693	CONLAN, BRENDON	2,356,894	DANIELS, MICHAEL P.	2,357,420
CHATTERJEE, SUBHANKAR	2,356,832	CONNELL, MAUREEN P.	2,355,065	DANIELSON, DOUG	2,355,293
CHEGINI, NASSER	2,354,863	CONNER, JOE	2,356,483	DANKWARDT, SHARON MARIE	2,352,740
CHEN, JAMES	2,356,478	CONSTON, STANLEY R.	2,356,890	DANNENBERG, ANDREW J.	2,357,525
CHEN, JAMES	2,356,776	CONVENIENCE FOOD SYSTEMS B.V.	2,356,663	D'ANTONIO, MAURO	2,356,737
CHEN, JAMES MING	2,356,267	CONVENIENCE FOOD SYSTEMS B.V.	2,356,666	DARKE, ANDREW	2,355,854
CHEN, JAMES MING	2,356,299	COOK, HARRY N.	2,355,293	DAUTEL, SANDRINE	2,354,986
CHEN, JAMES MING	2,356,313	COOK, JEFFERY TODD	2,356,651	DAVIES, DONALD	2,355,859
CHEN, JAMES MING	2,356,345	COOPERATIEVE VERKOOP- EN PRODUCTIEVERENIGING VAN AARDAPPELMEEL EN DERIVA	2,356,880	DAVIS, BRUCE L.	2,355,715
CHEN, JAMES MING	2,356,346	COQUERET, PIERRE	2,356,817	DAVIS, JAMIE MARIE	2,356,346
CHEN, JAMES MING	2,356,480	CORBETT, EDDIE	2,356,654	DAVIS, MARGARET R.	2,355,848
CHEN, JAMES MING	2,356,481	CORIXA CORPORATION	2,354,156	DAVIS, MATTI	2,354,153
CHEN, JAMES MING	2,356,855	CORIXA CORPORATION	2,356,669	DAVIS, RONALD PERCIVAL	2,356,814
CHEN, JANE	2,356,387	CORNELIUS, LAUREN K.	2,357,427	DAVISON, MARK	2,356,332
CHEN, YIQIN	2,356,242	CORNELL RESEARCH FOUNDATION, INC.	2,356,697	DE CLEYN, MICHEL ANNA JOZEF	2,355,857
CHEUNG, ADRIAN WAI-HING	2,355,714	CORNELL RESEARCH FOUNDATION, INC.	2,357,525	DE DONNO, MARCO	2,356,997
CHEVRON PHILLIPS CHEMICAL COMPANY LP	2,356,632	CORNELL, ROBERT	2,356,248	DE HAEN, CHRISTOPH	2,355,888
CHIARELLI, JOSEPH A.	2,356,692	CORNING INCORPORATED	2,355,678	DE LE FEVRE, PATRICK Y.	2,356,653
CHILDREN'S HOSPITAL MEDICAL CENTER	2,354,673	CORNING INCORPORATED	2,357,427	DECHARRAN, DOMINIQUE	2,356,659
CHIM 92	2,355,703	CORNING INCORPORATED	2,357,439	DEGUCHI, TSUNEO	2,356,365
CHIRON S.P.A.	2,355,876	CORNING INCORPORATED	2,357,496	DEGUSSA AG	2,356,154
CHORGHADE, MUKUND SHANKAR	2,356,841	CORSET, INC.	2,356,649	DEKMEZIAN, ARMENAG H.	2,356,667
CHSZANIECKI, SIEGFRIED	2,355,833	CORZINE, ALAN J.	2,355,885	DEL BRENNIA, MARCELLO	2,356,864
CHU, SIMON	2,356,245	COTE, HAROLD	2,355,889	DELAVAL HOLDING AB	2,356,865
CHU, WEI-SING	2,356,354	COUPAYE, THIERRY	2,357,048	DELOS SANTOS, EFREN GUILLERMO	2,356,267
CHUANG, KARL TZE-TANG	2,356,658	COWLE, GREGORY J.	2,357,496	DEMMIN, RICHARD A.	2,356,920
CHUNG, SON	2,356,353	CRAIG, PAUL M., JR.	2,356,247	DEN NORSEK STAT	
CHUPKA, DAVID E.	2,356,137	CRANE, ANTHONY E.	2,356,280	OLJESELSKAP A.S.	2,356,388
CIBA SPECIALTY CHEMICALS WATER TREATMENTS LIMITED	2,356,359	CRANE, ANTHONY E.	2,356,282	DENECKE, JURGEN	2,355,284
CINELLI, FABIO	2,356,657	CRATON, MICHELE A.	2,357,420	DERMATECH LIMITED	2,356,391
CLANCY, MAURICE JOSEPH ANTHONY	2,355,829	CROOK, ROBERT, JAMES	2,356,300	DESAI, KISHOR AMRATLAL	2,356,985
CLARE, TANA	2,355,929	CROSSLAND, WILLIAM ALDEN	2,356,520	DESAI, KISHOR JIVANLAL	2,356,881
CLARKE, GORDON JAMES	2,355,605			DESROCHERS, ERIC M.	2,356,835
CLARKE, STEVEN R.	2,356,358			DEVILLERS, RICHARD E.	2,356,563
CO2 TECHNOLOGIES, INC.	2,355,687			DEWALD, JAMES E., JR.	2,356,356
CODD, JANET ELIZABETH	2,355,829			DEWAN, STANLEY H.	2,356,340
CODERRE, JAMES C.	2,356,418			DIAMOND, MICHAEL	2,354,863
CODERRE, JAMES C.	2,357,420			DIEFENBACH, BEATE	2,355,874
COGNIS DEUTSCHLAND GMBH	2,356,241			DIETZ, MARTIN	2,356,869
		CSEM CENTRE SUISSE D'ELECTRONIQUE ET DE MICROTECHNIQUE SA	2,356,341	DIGIMARC CORPORATION	2,355,715
		CUI, DONGHUI	2,355,848	DING, YUAN-PANG SAMUEL	2,356,956
		CUI, JIAN	2,357,613	DISETRONIC LICENSING AG	2,356,924
		CULLEN, ROBERT R.	2,356,147	DISETRONIC LICENSING AG	2,356,936
		CUMMING, KENNETH IAIN	2,355,829	DISIS, MARY L.	2,355,696
		CUMMINGS, KEVIN M.	2,357,000	DIVERSI-PLAST PRODUCTS, INC.	2,356,133
		CUNNINGHAM, JAMES J.	2,356,302	DOBROZSI, DOUGLAS JOSEPH	2,356,881
		CURAGEN CORPORATION	2,356,950	DOBROZSI, DOUGLAS JOSEPH	2,356,944
		CYTOS BIOTECHNOLOGY AG	2,354,183	DOHERTY, C. GREGORY	2,356,387
		CZAKI, ANDREA	2,356,389	DOLINSKY, DMITRY	2,357,016
		DAALAND, OLE	2,356,486	DOMI, SHINJIRO	2,356,260
		DADEY, ERIC J.	2,356,306	DONG, LIANG-CHANG	2,355,860
		DAEWOO ELECTRONICS CO., LTD.	2,356,991	DOSHI, SHAILESH RATILAL	2,355,605
				DOTTERWEICH, BERND	2,355,689
				DOUBLEDAY, MARY	2,356,986

## Index of PCT Applications Entering the National Phase

DOUGLAS, KENNETH THOMAS	2,355,352	EVEREADY BATTERY		FUBA COMMUNICATIONS	
DOW AGROSCIENCES LLC	2,354,185	COMPANY, INC.	2,356,915	SYSTEMS GMBH	2,354,732
DRAUZ, KARLHEINZ	2,356,154	EXCELENTEC HOLDING AB	2,357,548	FUDGE, BOB	2,355,895
DREXLER TECHNOLOGY		EXXONMOBIL CHEMICAL		FUJII, TOSHIHIKO	2,355,694
CORPORATION	2,357,002	PATENTS INC.	2,356,667	FUJISAWA PHARMACEUTICAL	
DREXLER, JEROME	2,357,002	EXXONMOBIL RESEARCH AND		CO., LTD.	2,356,382
DRILL, CRAIG A.	2,356,705	ENGINEERING COMPANY	2,356,628	FUJISHIMA, MINORU	2,356,636
DRISTY, MARK E.	2,357,630	EXXONMOBIL RESEARCH AND		FUKAMACHI, ISAMU	2,356,738
DT VYHYBKARNA A		ENGINEERING COMPANY	2,356,920	FULLER, PETER E.	2,355,687
MOSTARNA, SPOL. S R.O.	2,355,868	EXXONMOBIL RESEARCH AND		FURU, TROND	2,356,486
DU, MILA TI	2,356,313	ENGINEERING COMPANY	2,357,022	FUX, RUDI	2,356,663
DUAN, JIANMIN	2,355,865	EXXONMOBIL RESEARCH AND		FUX, RUDI	2,356,666
DUBININ, VLADIMIR		ENGINEERING COMPANY	2,357,024	G.D. SEARLE & CO.	2,356,302
STEPANOVICH	2,357,039	EXXONMOBIL RESEARCH AND		G.D. SEARLE LLC	2,356,156
DUCROCQ, CLAIRE	2,355,704	ENGINEERING COMPANY	2,357,528	G.D. SEARLE LLC	2,356,157
DUFEU, JORGE L.	2,355,601	EXXONMOBIL UPSTREAM		G.D. SEARLE LLC	2,356,158
DUFFY, KEVIN J.	2,355,864	RESEARCH COMPANY	2,357,604	G.D. SEARLE LLC	2,356,240
DUNN, MICHAEL	2,355,848	EZURA, YUICHI	2,356,343	GABRIEL, JOCHEN	2,355,617
DUPRET, DANIEL	2,354,986	EZURA, YUICHI	2,356,763	GABRIEL, JOCHEN	2,356,614
DURACELL INC.	2,356,395	F. HOFFMANN-LA ROCHE AG	2,352,740	GADNER, WOLFGANG	2,356,524
DUTERTE, OLIVIER P.	2,356,393	F. HOFFMANN-LA ROCHE AG	2,355,714	GADNER, WOLFGANG	2,356,874
DUVAL, FLORENCE	2,356,659	FABIJANSKI, STEVEN F.	2,354,185	GAJATE, CONSUELO	2,356,736
DUVERT, PATRICE	2,356,818	FACTOR, PHILLIP H.	2,356,877	GALAGANOV, NIKOLAI	2,356,988
DVORSKY, JAMES E.	2,355,683	FAJARDO, JAMES C.	2,355,678	GALE, KENNETH RONALD	2,355,691
DYKHNO, IGOR	2,357,033	FARAMUS, ELLIE	2,356,562	GALLEGUILLOS, RAMIRO	2,356,692
DZIUDA, DARIUS	2,356,950	FAULL, ALAN WELLINGTON	2,356,898	GALLOWAY, EUGENE V.	2,355,637
E.I. DU PONT DE NEMOURS		FAWZI, NATALIE V.	2,356,890	GALLOWAY, EUGENE V.	2,355,638
AND COMPANY	2,355,605	FEIL, HERMAN	2,357,032	GANE, PATRICK A. C.	2,356,775
EASON, RAYMOND	2,355,291	FERGUSON, STEPHEN B.	2,355,714	GANTI, LALITHA	2,356,387
EBIHARA, MUNETAKE	2,356,343	FERRARA, NAPOLEONE	2,355,976	GARBAY, CHRISTIANE	2,356,777
EBIHARA, MUNETAKE	2,356,763	FIACCO, RICHARD M.	2,355,678	GARCIA-LUNA-ACEVES,	
EBIIKE, HIROSATO	2,355,694	FIELD, STEPHEN	2,355,107	JOAQUIN	2,356,947
EBINA, ATSUSHI	2,355,654	FIELDS, SONJA MCNEIL	2,356,651	GARDNER, MICHAEL JOSEPH	2,356,352
ECKENHOFF, BONNIE J.	2,356,860	FIGOTIN, ALEKSANDR	2,356,629	GARDNER, ROBERT J.	2,355,885
EDEMA CLEARANCE, INC.	2,356,877	FINKIELSZTEIN, SERGIO	2,356,087	GARDNER, TIMOTHY S.	2,353,800
EDGELL, TRACY ANN	2,356,894	FISCHER, WILFRIED	2,355,271	GARONZIK, SCOTT N.	2,356,940
EDGREN, DAVID	2,355,860	FLEXICO-FRANCE	2,355,699	GASPAROTTO, FERNANDA A.	2,357,604
EFNER, HOWARD F.	2,356,272	FOGLIANISI, VINCENZO	2,356,241	GATELY, STEPHEN T.	2,356,302
EHLERT, MARTIN	2,356,896	FOLCINI, PIERLUIGI	2,356,864	GAUL, STEVEN J.	2,356,835
EHRET, ANDREAS	2,356,869	FOLEY, LOUISE HELEN	2,355,714	GAWTHORPE, PETER	2,355,838
EINAMO, KARI	2,356,339	FOO, SAMUEL SIANG KIANG	2,356,896	GAYO, LEAH M.	2,356,986
EINIG, HEINZ	2,355,291	FORET, FRANTISEK	2,357,623	GAZZOTTI, ORNELLA	2,355,888
ELAN CORPORATION, PLC	2,355,829	FORKNER, TERRY RAY	2,356,872	GE BAYER SILICONES GMBH &	
ELCHUK, MARK D.	2,356,353	FOURNIE, GLENN G.	2,355,597	CO. KG	2,355,862
ELF ATOCHEM S.A.	2,356,759	FRAAS, LEWIS M.	2,356,910	GEDULIN, BRONISLAVA	2,356,331
ELI LILLY AND COMPANY	2,356,159	FRALEY, MARK E.	2,356,349	GELB, MICHAEL H.	2,355,696
ELLINGSEN, JAN EIRIK	2,356,916	FRANKLIN INDUSTRIES, L.L.C.	2,356,561	GELLERT, JOBST ULRICH	2,356,245
ELLIS, EDWARD STANLEY	2,356,628	FRAUNHOFER-GESELLSCHAFT		GENE LOGIC INC.	2,356,946
ELLIS, EDWARD STANLEY	2,357,022	ZUR FOERDERUNG DER		GENENCOR INTERNATIONAL,	
ELLIS, EDWARD STANLEY	2,357,024	ANGEWANDTEN		INC.	2,357,577
ELLISON, LAWRENCE J.	2,356,387	FORSCHUNG E.V.	2,356,869	GENENTECH, INC.	2,353,799
ELLSFROM, CHRISTEL	2,355,827	FRAUNHOFER-GESELLSCHAFT		GENENTECH, INC.	2,355,976
ELSBERND, CHERYL L.		ZUR FOERDERUNG DER		GENERAL ELECTRIC CANADA	
SENGER	2,356,081	ANGEWANDTEN		INC.	2,356,948
EOS BIOTECHNOLOGY, INC.	2,356,852	FORSCHUNG E.V.	2,357,023	GENZYME CORPORATION	2,354,863
E-PHARMA TRENTO S.P.A.	2,355,872	FREEDOM-2, LLC	2,356,705	GERHAUSER, HEINZ	2,356,869
EREZ-ALON, NETA	2,354,862	FREEMAN, JENNIFER C.	2,356,320	GERLACH, UWE	2,355,300
ERICSSON INC.	2,356,839	FRENCH, MICHAEL J.	2,356,612	GERRY, NORMAN P.	2,356,697
ERICSSON INC.	2,356,866	FREY, CHERYL M.	2,357,420	GERSHMAN, RUSSELL J.	2,355,709
ERICSSON, INC.	2,356,933	FREYSSINET INTERNATIONAL		GERVAIS, DAVID P.	2,355,680
ERIKSSON, N. LENNART	2,356,893	(STUP)	2,356,819	GESSNER, MICHAEL	2,355,240
ERUGGALLERY.COM	2,356,907	FRIES, JURGEN	2,355,230	GHADIMINEJAD, IRAJ	2,355,840
ERUGGALLERY.COM	2,356,989	FRITZSCHE, WOLFGANG	2,356,389	GHOSH, SUTAPA	2,356,816
EST CAROLINA UNIVERSITY	2,356,368	FRIVOLD, THANE J.	2,356,947	GIACHELLI, CECILIA M.	2,354,189
ETHICON, INC.	2,357,043	FROLOV, DMITRY		GIARD, STEPHAN	2,355,889
ETZOLD, THURE	2,357,048	VLADIMIROVICH	2,357,039	GIBLIN, EDWARD JOHN	2,356,698
EURO-CELTIQUE, S.A.	2,355,854	FROMENTIN, SERGE	2,355,707	GIBSON, STEPHEN PAUL	2,356,300
EVANGELISTA, OLINDO	2,356,657	FRUDAKIS, TONY N.	2,354,156	GIEBEL, MATTHIAS	2,356,663
EVANS, BENJAMIN	2,355,848	FU, DIANKUI	2,356,332	GIEBEL, MATTHIAS	2,356,666

## Index des demandes PCT entrant en phase nationale

GIJSEN, HENRICUS JACOBUS MARIA	2,355,857	HALL, IAN C.	2,356,353	HOECHST TRESPAPHAN GMBH	2,357,030
GILEAD SCIENCES, INC.	2,355,239	HAMILTON, MARTHA	2,355,293	HOELZEMAN, RONALD G.	2,355,791
GILLESPIE, JANE L.	2,356,556	HAMMERLINDL, JOSEPH K.	2,354,185	HOFFLER, JUTTA	2,355,595
GIMINEZ, JUAN	2,355,680	HAMMERMAN, MARC R.	2,356,990	HOFMANN, JOACHIM	2,355,300
GLADNEY, RICK F.	2,355,233	HANS OETIKER AG		HOGAN, BILLY	2,356,654
GLAXO GROUP LIMITED	2,356,897	MASCHINEN- UND APPARATEFABRIK	2,356,247	HOHE, HANS-PETER	2,357,023
GLEN RAVEN MILLS, INC.	2,356,695	HANSEN KAMP, PETER	2,355,579	HOKE, GLENN	2,356,946
GLENN, KEVIN C.	2,356,156	HANSEN KAMP, PETER	2,355,580	HOLLFELDER, HANS-PETER	2,356,090
GLENN, KEVIN C.	2,356,157	HANSEN KAMP, PETER	2,355,947	HOLLINGWORTH, HELEN	2,356,859
GLENN, KEVIN C.	2,356,158	HANSEN KAMP, PETER	2,355,969	HOLMDAHL, LENA	2,354,863
GLENN, KEVIN C.	2,356,240	HANSEN, NORMAN J.	2,356,955	HOLZER, DIANE	2,355,639
GLITHO, ROCH	2,356,892	HANSEN, PETER W.	2,355,709	HOLZER, RICHARD A.	2,355,639
GLOVER, MICHAEL	2,355,107	HANSSON, THOMAS W.	2,356,958	HOMANN, KLAUS	2,357,634
GOBBI, LUIGI	2,356,978	HANTZER, SYLVAIN S.	2,357,528	HOMESTAD, OLE MAGNE	2,356,942
GODDARD, AUDREY	2,353,799	HARA, TAKAHIRO	2,356,348	HONE, NEAL DAVID	2,355,880
GODERSTAD, COLETTE	2,355,293	HARBRON, STUART	2,356,613	HONEYWELL INC.	2,356,530
GODOWSKI, PAUL J.	2,353,799	HARDING, VALERIE DENISE	2,355,102	HONEYWELL INC.	2,357,049
GOLD, STEPHEN	2,356,950	HARIDASAN, NAIR K.	2,356,274	HONEYWELL INTERNATIONAL, INC.	2,356,525
GOLDBERG, HARRY	2,357,413	HARIPRASAD, CHITTINENI	2,356,841	HONEYWELL-MEASUREX CORPORATION	2,355,621
GOLDSTEIN, ALEX S.	2,355,696	HARPER, RICHARD WALTZ	2,356,159	HONEYWELL-MEASUREX CORPORATION	2,356,337
GOODNOW, RONALD F.	2,357,543	HARTIG, KLAUS	2,355,685	HOPKINS, RANDALL K.	2,356,958
GOODWIN, RALPH T., III	2,356,560	HARTMAN, DAVID	2,355,710	HORIMAI, HIDEYOSHI	2,356,001
GORDON, ALEXANDER YAKOVLEVICH	2,356,629	HARTNESS INTERNATIONAL, INC.	2,356,393	HORIZON PHOTONICS, INC.	2,356,147
GORDON, GARY	2,356,302	HARTWELL, JOHN G.	2,356,946	HORNING, ROBERT D.	2,357,049
GOTTLIEB, KORNELIS FESTER	2,357,032	HASHIMOTO, TOMOMICHI	2,355,113	HOSPAL AG	2,356,774
GOURAUD, CHRISTOPHE	2,356,892	HASHIZUME, KAZUTO	2,356,976	HOTTINGER BALDWIN MEASUREMENTS, INC.	2,356,958
GRACEY, BENJAMIN PATRICK	2,355,119	HASKELL, JACOB DANIEL	2,355,614	HOU, ZHIGUO	2,357,022
GRADIPORE LIMITED	2,356,562	HATZUBAI, ADA	2,354,153	HOU, ZHIGUO	2,357,024
GRADIPORE LIMITED	2,356,894	HAWTOF, DANIEL W.	2,355,678	HOUSING KOUSAN CO., LTD.	2,356,884
GRANGER, MAURICE	2,356,758	HAYASHI, KEIJI	2,356,850	HSU, ARDING	2,355,931
GRASSWILL, VINCENT	2,356,656	HAYES, JERRY WILLIAM II	2,356,881	HSU, FENG-LUNG GORDON	2,355,122
GREENBERG, MICHAEL J.	2,356,935	HAYS, GEORGE F.	2,356,153	HSU, RONG	2,355,614
GREINER, HARTMUT	2,356,134	HEADLEY, RICHARD E.	2,356,563	HUANG, XIAOHUA	2,356,360
GRESZCZUK, JOHN A.	2,357,551	HECZKO, EDUARD	2,355,868	HUBERT, RONALD M.	2,356,270
GRIBBLE, MICHAEL Y.	2,357,050	HEGARTY, JAMES NOEL MARTIN	2,355,119	HUFF, BYRON JERRY LEE	2,356,651
GRIFFITHS, ANDREW	2,357,037	HEIM, PASCAL	2,356,341	HUGG, BERO	2,356,138
GRINVALDS, CARSTEN BRONNUM	2,356,363	HEINZ, JURGEN A.	2,356,847	HULST, ANNE COENRAAD	2,356,880
GROSS, RICHARD W.	2,357,551	HEINZ, VOLKER	2,356,112	HULTGREN, SCOTT	2,355,117
GROSSHEIMANN, GABRIELE	2,356,154	HEITGER, FRIEDRICH	2,356,341	HUMBERT, MARIE	2,356,759
GROU, GEORGE THEODORE	2,356,346	HELLWIG, KARL	2,356,883	HUMPAL, PAUL E.	2,356,418
GROTE, THOMAS	2,355,711	HENKEL KOMMANDITGESELLSCH AFT AUF AKTIEN	2,355,100	HUMPHREYS, ROBERT	2,354,188
GRUNG, BERNARD L.	2,356,242	HENKEL KOMMANDITGESELLSCH AFT AUF AKTIEN	2,356,925	HUNGATE, RANDALL W.	2,356,349
GSTACH, HUBERT	2,356,344	HENNECKE, FRANK	2,354,183	HUNTER DOUGLAS INC.	2,355,710
GUARDIAN AUTOMOTIVE TRIM, INC.	2,355,244	HENRIKSSON, PAR	2,355,121	HUNTER, JAMES R.	2,355,065
GUEROULT, ALAIN	2,357,026	HERB, WILLIAM R.	2,357,049	HUNTER, WILLIAM L.	2,355,873
GULICK, ROBERT C.	2,355,065	HERDEWIJN, PIET ANDRE MAURITS MARIA	2,356,380	HUNTLEY, MARK	2,356,844
GUNAWARDANA, INDRANI W.	2,356,320	HERKEL, JOHANNES	2,354,862	HURME, JAANA	2,356,339
GUO, BUJIN	2,356,911	HERSHEY, GURJIT K. KHURANA	2,354,673	HURWITZ, ARTHUR A.	2,352,783
GUPTA, D. V. SATYANARAYANA	2,356,081	HEYER, ARND G.	2,354,987	HUSER, MARC	2,356,817
GUPTA, RAMESH	2,356,628	HEYNEKER, HERBERT L.	2,356,852	HUSTON, DARRIN	2,356,478
GURJAR, MUKUND KESHAO	2,356,841	HILGERS, HERMANN	2,355,705	HUTCHINSON, RICHARD C.	2,354,736
GURNEY, AUSTIN L.	2,353,799	HILL, MARVIN	2,356,249	HUTT, DETLEF	2,357,030
GURTNER, THOMAS	2,356,924	HILLMAN, JENNIFER L.	2,353,797	HUVER, THOMAS	2,356,241
GURTNER, THOMAS	2,356,936	HILL-ROM, INC.	2,355,964	ICHIMURA, MICHIO	2,352,347
GUSEV, VLADIMIR	2,356,950	HIRAI, TAKAAKI	2,356,636	IDEA AG	2,356,080
GUSTAVSSON, BODIL	2,356,842	HIRATA, YOSHIHIRO	2,356,250	IDEMITSU PETROCHEMICAL CO., LTD.	2,356,635
HA, KIM D.	2,356,852	HIROSE, RYO	2,352,347	IGARASHI, TOSHINORI	2,356,317
HAAKE, JOHN M.	2,357,486	HIRSCH, RICHARD	2,355,891	IGNATCHENKO, GEORGY	2,357,033
HAAPALA, SOILI	2,356,339	HITCHNER, JIM	2,356,304	IKE, HIDETOSHI	2,356,362
HACH, HARALD	2,355,291			IKEDA, YOSHINORI	2,355,654
HAEFNER, PETER	2,356,337			IMAGAWA, NAOYA	2,357,038
HAGOPIAN, CHRISTOPHE	2,355,690			IMAGEMAP, INC.	2,356,863
HAHN, DAVID A.	2,355,894			IMAI, KEN	2,356,365
HAKETA, YASUSHI	2,356,317				
HALL, DOUGLAS W.	2,357,496				

## Index of PCT Applications Entering the National Phase

INCYTE PHARMACEUTICALS, INC.	2,353,797	JOHNSON, JIM	2,356,249	KINDE, DOUGLASS D.	2,355,233
INCYTE PHARMACEUTICALS, INC.	2,355,074	JOHNSON, TERENCE LESLIE	2,356,555	KINDERMANN, PETER	2,356,762
INFOGATION CORPORATION	2,356,961	JOLIVET, MICHEL	2,354,152	KING, GORDON E.	2,354,156
INGENIO, FILIALE DE LOTTO- QUÉBEC INC.	2,355,889	JOLIVET-REYNAUD, COLETTE	2,354,152	KING, HARRISS T.	2,356,337
INGHARDT, TORD	2,355,792	JOMAA PHARMAKA GMBH	2,356,262	KING, WILLIAM	2,356,088
INKEYSA. S.A.	2,356,736	JOMAA, HASSAN	2,356,262	KINNICK, MICHAEL DEAN	2,356,159
INOUE, OSAMU	2,355,246	JONCZYK, ALFRED	2,355,874	KINOSHITA, MASAHARU	2,356,001
INOUE, YOICHI	2,356,141	JONES, RICHARD	2,355,114	KIRCHHOFFER, FRITZ	2,356,924
INSTITUT FUR PHYSIKALISCHE HOCHTECHNOLOGIE E.V.	2,356,389	JONKKA, ARVO	2,356,875	KIRCHHOFFER, FRITZ	2,356,936
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM)	2,356,777	JOSCELYNE, IAN SPENCER	2,355,649	KIRIN BEER KABUSHIKI KAISHA	2,355,289
INTEL CORPORATION	2,355,881	JOSSO, PIERRE	2,355,692	KIRK, BRIAN W.	2,356,697
INTELLIKRAFT LIMITED	2,357,039	JOSSO, PIERRE	2,355,695	KIRKEGAARD, KARSTEN	2,355,841
INTERIOR GREEN INC.	2,356,336	JOUANDON, ERIC	2,356,759	KITAYAMA, MASAYA	2,356,928
INTERLEGO AG	2,356,964	JOUBERT, DANIEL	2,356,773	KITATAKA, MASAHARU	2,356,928
INTRALUMINAL THERAPEUTICS, INC.	2,355,835	JUDSON, RICHARD S.	2,356,950	KLAYH, JOHN	2,356,085
IPPEN, JOACHIM	2,355,295	JULIANO, ROLANDO O.	2,356,078	KLEIN, DARRYL PATRICK	2,357,022
IRELAND, TANJA	2,356,154	JUNG, WON HYUK	2,355,281	KLEIN, DARRYL PATRICK	2,357,024
ISHIGURO, RYUJI	2,356,343	JX CRYSTALS INC.	2,356,910	KLEMENT, INGO	2,356,154
ISHIGURO, RYUJI	2,356,763	K.U. LEUVEN RESEARCH & DEVELOPMENT	2,356,380	KLING, HANS-WILLI	2,355,100
ISHIHARA, NOBUHIDE	2,356,635	KABUSHIKI KAISHA UENO SEIYAKU OYO KENKYUJO	2,356,928	KNOCHER, PAUL	2,356,154
ISHIKAWA, YASUSHI	2,356,362	KABUSHIKI KAISYA ADVANCE	2,356,867	KNOLL	2,355,291
ISLAM, AMINUL	2,356,841	KAKUTA, KAZUNARI	2,356,362	AKTIENGESELLSCHAFT KNUDSEN, JAMES G.	2,356,153
IWATA, RYUICHI	2,356,854	KALENIAN, PAUL A.	2,355,663	KOBAYASHI, MITSUAKI	2,356,999
IZUMICHI, NOBUTAKA	2,356,928	KALENTUIN, PIA	2,356,849	KOBER, REINER	2,355,230
JABBA, RONALD J.	2,356,309	KALTENBACHER, ERIC	2,357,651	KOCH MEMBRANE SYSTEMS, INC.	2,356,316
JACKSON, JOHN K.	2,355,873	KAMIGIRI, KAZUMA	2,356,845	KOHLER, JOHANN MICHAEL	2,356,389
JAE, HWAN-SOO	2,356,320	KANEKA CORPORATION	2,355,113	KOIS, ADAM	2,356,986
JAGER, KARL-FRIEDRICH	2,355,230	KANEKO, NOBORU	2,357,038	KOJO, ILKKA	2,356,138
JAKUBOWSKI, JAMES J.	2,357,050	KANG, HEE-WON	2,356,904	KOKI, ALANE T.	2,356,302
JALLURI, RAVI KUMAR	2,356,986	KANG, HEE-WON	2,357,518	KOLTERMAN, ORVILLE	2,356,706
JANSEN, KATHRIN U.	2,355,883	KANG, SU-HIANG	2,356,991	KONG, JUN-JIN	2,356,904
JANSSEN PHARMACEUTICA N.V.	2,355,658	KANKYO CO., LTD.	2,356,362	KOONEN, JOSEPH THERRATIL	2,356,387
JANSSEN PHARMACEUTICA N.V.	2,355,716	KARGER, BARRY L.	2,357,623	KOOTA, RAIMO	2,356,138
JANSSEN PHARMACEUTICA N.V.	2,355,717	KARI, HANUMATH P.	2,355,848	KOPANNIA, SIEGFRIED	2,356,925
JANSSEN PHARMACEUTICA N.V.	2,355,822	KARLSSON, ROLAND	2,356,663	KORTENBACH, JUERGEN A.	2,356,136
JANSSEN PHARMACEUTICA N.V.	2,355,857	KARLSSON, ROLAND	2,356,666	KORTSCHACK, FRITZ	2,356,112
JANSSEN, CORNELUS GERARDUS MARIA	2,355,822	KARTH, BEAT	2,356,775	KOVAR, ROBERT	2,356,316
JANUSZ, MICHAEL J.	2,356,919	KATAYAMA, MITSUO	2,356,348	KRAFT, SABINE	2,355,874
JAPAN TOBACCO INC.	2,357,038	KATZENBACH, BURKHARD	2,357,634	KRAULEDAT, PETRA B.	2,355,709
JARLEHOLM, ANDERS WILHELM	2,356,699	KAVANAGH, RONAN	2,356,326	KRISHNA, LEVADALA MURALI	2,356,841
JARMAN, DAVID MICHAEL	2,355,713	KAWAKAMI, ITARU	2,356,343	KRISHNA, PALAKODETY RADHA	2,356,841
JELITTO, EDITH	2,355,284	KAWAKAMI, ITARU	2,356,763	KRISHNAMURTHY, THINNAYAM N.	2,355,854
JENKE, DENNIS	2,356,956	KAWASAKI STEEL CORPORATION	2,355,855	KRISHNAMURTHY, THINNAYAM N.	2,355,854
JENS, STEPHEN	2,356,316	KAWASAKI, KENICHI	2,355,694	KRISKO, ANNETTE	2,355,685
JIANG, SHUSHENG	2,356,259	KELLER, BRADLEY T.	2,356,156	KRISTENSEN, PER	2,355,841
JIN, QI	2,355,890	KELLER, PAUL M.	2,355,883	KRUPIN, ALEKSANDR.	2,356,988
JO, SUNG-CHAN	2,356,670	KELLER, WILFRED A.	2,354,185	KRUTOVA, ELENA IGOREVNA	2,357,039
JOFFE, DANIEL M.	2,356,952	KENNEDY, JAMES G.	2,357,050	KUKLA, RALF	2,356,921
JOHANSSON, HANS OLOF	2,356,704	KENNEDY, JONATHAN	2,354,736	KUKLA, RALF-DIETER	2,355,689
JOHANSSON, TED	2,356,868	KENNEDY, THOMAS J.	2,355,825	KULZICK, MATTHEW A.	2,356,355
JOHN, E. SO JOHN	2,356,387	KENNIS, LUDO EDMOND JOSEPHINE	2,355,716	KUMARESAN, BALA	2,356,387
JOHNSON, BURGESS R.	2,356,530	KERBY, MICHAEL CHARLES	2,357,022	KUSAMITU, HIDEKI	2,356,854
JOHNSON, DAVID C.	2,356,355	KERBY, MICHAEL CHARLES	2,357,024	KWAK, SHIN-UNG	2,356,991
		KETELAARS, JAN JOSEF MARIA HUBERT	2,356,880	KWOK, HOI SING	2,356,555
		KETTLE, JASON GRANT	2,356,898	KYOWA HAKKO KOGYO CO., LTD.	2,352,347
		KHAMMUNGKHUNE, SAK	2,356,986	KYTE, MARTIN PAUL	2,355,232
		KHURANA, MAHENDER KUMAR	2,355,605	LACEY, NEVILLE	2,356,395
		KIKKOMAN CORPORATION	2,356,317	LACROIX, CHRISTOPHE	2,355,705
		KIM, JAE-YOEL	2,356,904	LADIE', PIERLUIGI	2,356,922
		KIM, JAE-YOEL	2,357,518	LADIE', PIERLUIGI	2,356,983
		KIM, NAM YOUNG	2,355,877	LADIE', PIERLUIGI	2,357,019
		KIM, YOUNG-KY	2,357,518	LADRET, PATRICK	2,356,819
				LADSTATTER, GERALD	2,356,524

## Index des demandes PCT entrant en phase nationale

LADSTATTER, GERALD	2,356,874	LIGHT SCIENCES		MAKRIGIORGOS, G. MIKE	2,357,601
LAFFONT, JEROME	2,357,026	CORPORATION	2,356,776	MALLA, VENKAT	2,356,387
LAGOSTINA S.P.A.	2,356,482	LILLBACKA JETAIR OY	2,355,858	MALLORY, CHRISTOPHER S.	2,355,894
LAGU, BHARAT	2,355,848	LILLICO, DOUGLAS		MANDELIN, PETERI	2,356,339
LAI, RONALD K.	2,357,014	ALEXANDER	2,356,658	MANFREDI, GIUSEPPE	2,355,888
LAKSIN, MIKHAIL	2,356,832	LIN, HO-SHEN	2,356,159	MANN, DOUGLAS B.	2,355,637
LAL, PREETI	2,353,797	LIN, ROGER	2,355,245	MANNESMANN DEMATIC	
LALITHA, SISTA VENKATA SAI		LIN, SUE L.	2,356,954	POSTAL AUTOMATION	
	2,356,841	LINDBERG, PEDER WEHNER	2,355,841	S.A.	2,356,656
LAM, KIN SING	2,356,360	LINDGREN, TOMI	2,356,339	MANNESMANN DEMATIC	
LAMAR, GEORGE THOMAS	2,356,872	LINDSAY, STACE	2,354,638	POSTAL AUTOMATION	
LANCASTER, ROBERT		LINDSKOG, JAN	2,355,686	S.A.	2,356,659
WILLIAM	2,356,897	LINEMANN, REINHARD	2,355,705	MANNING, ANTHONY M.	2,354,153
LANDIS, MICHAEL E.	2,355,679	LING, KURTIS	2,355,233	MANNONI, ALBERTO	2,355,605
LANG, HANS, JOCHEN	2,355,300	LINK, JAMES	2,356,320	MARELLI, PAOLO	2,356,980
LANGE, HORST	2,355,862	LION BIOSCIENCE AG	2,357,048	MARGAILLAN, ANDRE	2,356,759
LANGEBRAKE, LAWRENCE C.	2,357,651	LIPARI, JOHN M.	2,355,820	MARGOLSKEE, ROBERT F.	2,356,533
LANGECKER, PETER J.	2,357,042	LISLERUD, ARNE	2,354,692	MARGVARDSEN, ION	2,355,594
LANGSDORF, BRIAN J.	2,355,609	LISTE, MATTHEW	2,356,330	MARINE POLYMERS	
LANHAM, CHRISTOPHER C.	2,356,078	L'ITALIEN, JAMES J.	2,356,706	TECHNOLOGIES, INC.	2,356,087
LARSON, ERIC	2,354,140	LITTLEWOOD, PETER STUART	2,356,359	MARKEL, ERIC J.	2,356,667
LASSEN, GERT GODVIG	2,356,363	LIU, GUANG	2,356,320	MARSTERS, SCOT A.	2,353,799
LATHROP, GREGORY ALAN	2,356,698	LIU, HUANGHUI	2,357,623	MARTELLI, FABRIZIO	2,356,737
LATTUADA, LUCIANO	2,355,888	LIU, JIANZHAO	2,356,697	MARTIN, ALAIN	2,355,241
LAU, YIU-WA AUGUST	2,357,604	LIU, PINGLI	2,355,694	MARTIN, MARKUS	2,356,339
LAUBACH, BENNO	2,355,862	LIU, WANG-QING	2,356,777	MARTINEZ, MICHEL	2,355,697
LAUBER, PIERRE	2,356,869	LIU, XU	2,356,555	MARTON, MATTHEW	2,356,873
LAUMOND, CHRISTIAN	2,356,656	LIU, YI	2,356,950	MARUMOTO, TSUNEHISA	2,356,854
LAVON, IRIS	2,354,153	LOCKWOOD, MAURA	2,356,859	MASA, PETER	2,356,341
LAZAR, MAY	2,356,894	LOK, SI	2,352,560	MASFERRER, JAIME L.	2,356,302
LE NABOUR, MARCEL	2,355,690	LONGDEN, ROBERT MARK	2,356,863	MASSON, JEAN-MICHEL	2,354,986
LE, TU	2,356,956	LONGENECKER, B. MICHAEL	2,354,644	MASUBUCHI, MIYAKO	2,355,694
LEBOVIC, GAIL S.	2,356,890	LONKY, NEAL M.	2,355,661	MASUNAGA, HIROAKI	2,356,850
LEE, IVAN S.	2,356,093	LONSDALE, ANTHONY	2,356,484	MASUZAWA, YOSHIHIDE	2,356,141
LEE, JASON IAN KIEN HUAT	2,356,562	LONSDALE, BRYAN	2,356,484	MATCHAM, GEORGE W.	2,356,954
LEE, KOO	2,355,281	LORENZ, GISELA	2,355,711	MATSON, JAMES A.	2,356,360
LEE, KUM HOON	2,352,255	LOVEY, ALLEN J.	2,355,714	MATSON, KENNETH D.	2,356,672
LEE, SANG KOO	2,355,281	LOWE, ROBERT S.	2,355,883	MATSUMOTO, KAZUMI	2,356,999
LEE, SEUNG-TAEG	2,356,832	LOYEN, KARINE	2,355,693	MATSUMURA, HIDEYASU	2,356,636
LEE, SUN HWA	2,355,281	LU, DYUNG, AINA M.	2,353,797	MATSUSHITA ELECTRIC	
LEFEVRE, FABRICE	2,354,986	LUDOLPHIJ, JOHANNES		INDUSTRIAL CO., LTD.	2,356,347
LEIDEN, JEFFREY M.	2,356,551	WILHELMUS LUBERTUS	2,356,848	MATSUSHITA ELECTRIC	
LEISTEN, OLIVER PAUL	2,357,041	LUDWIG, REINER	2,356,900	INDUSTRIAL CO., LTD.	2,356,364
LEMERCIER, ALAIN J. L.	2,356,556	LUEHRS, ROGER E.	2,357,420	MATURI, SRINIVAS	2,356,387
LEONE, ROBERT	2,355,241	LUENGO, JUAN I.	2,355,864	MAUER, SHARON M.	2,355,065
LERNOUT & HAUSPIE SPEECH		LUHR, WOLFGANG	2,356,903	MAXIM PHARMACEUTICALS,	
PRODUCTS N.V.	2,356,640	LUKAS, TIMOTHY MICHAEL	2,355,102	INC.	2,356,871
LEUNG, SAU-HUNG SPENCE	2,355,241	LUKYANOV, ANATOLY N.	2,355,696	MAX-PLANCK-GESELLSCHAFT	
LEUSCHNER, TAMARA	2,356,241	LUNDBORG, TOMAS	2,356,906	ZUR FORDERUNG DER	
LEVAN, DOUGLAS W.	2,356,519	LUNDGREN, GORAN	2,356,893	WISSENSCHAFTEN E. V.,	
LEVIN, JEREMY IAN	2,356,267	LUNN, GRAHAM	2,356,300	BERLIN	2,354,987
LEVIN, JEREMY IAN	2,356,299	LUX, GIOVANNA	2,355,888	MAXWELL, SIDNEY R.	2,355,839
LEVIN, JEREMY IAN	2,356,313	LYNCH, JOHN K.	2,356,320	MAYFIELD, SCOTT H.	2,355,885
LEVIN, JEREMY IAN	2,356,345	LYNCH, TSUEI-YUN	2,356,355	MAYOLET, ALEXANDRE M.	2,357,439
LEVIN, JEREMY IAN	2,356,346	MA, MING	2,355,718	MCLELAND, BRENT W.	2,355,890
LEVIN, JEREMY IAN	2,356,480	MAASSEN, ULRICKE	2,356,925	MCCLLENAHAN, MICHEL	
LEVIN, JEREMY IAN	2,356,481	MACHAN, LINDSAY S.	2,355,873	ROBERT CRAWFORD	2,356,819
LEVIN, JEREMY IAN	2,356,855	MADDON, PAUL J.	2,355,607	MCCLURE, GRACE A.	2,356,360
LEWIS, CRAIG	2,356,954	MADSEN, BENNI	2,356,908	MCCRAE, KEITH R.	2,355,287
LEWOW, PREBEN	2,354,635	MAENG, SEUNG-JOO	2,357,518	MCDERMOTT, THOMAS	2,356,316
LEYENDECKER, JOACHIM	2,355,711	MAGAE, JUNJI	2,355,299	MCGEE, JOHN	2,355,240
LG CI LTD.	2,355,281	MAGENDANZ, GALEN	2,356,910	MCGOLRICK, JEFFRY DAVID	2,356,871
LI, BIN	2,357,613	MAGNA INTERNATIONAL OF		MCGOWAN, BRIAN	2,356,326
LI, HUI HENRY	2,356,961	AMERICA, INC.	2,355,884	MCI WORLDCOM, INC.	2,355,895
LI, WENYING	2,356,360	MAGNA REFLEX HOLDING		MCKEARN, JOHN P.	2,356,302
LIBOI, PAOLO	2,356,870	GMBH	2,356,847	MCKIE, JEFFREY A.	2,356,986
LIGAND PHARMACEUTICALS	2,355,864	MAGNETI MARELLI		MCMANUS, MARTIN P.	2,356,356
LIGHT SCIENCES		CLIMATIZZAZIONE S.R.L.	2,355,605	MCMANUS, PATRICK W.	2,356,356
CORPORATION	2,356,478	MAHAJAN, PRAMOD B.	2,354,433	MCNAMARA, THOMAS W.	2,357,496
		MAKINEN, PERTTI	2,356,138	MCQUADE, MIKE	2,356,478



## Index of PCT Applications Entering the National Phase

MCQUADE, WILLIAM	2,356,369	MIRZADEH, SHIVA	2,356,563	NAGHAVI, MORTEZA	2,356,911
MCVICKER, GARY BRICE	2,357,022	MISEO, SABATO	2,357,022	NAIR, CHENICHERI	
MCVICKER, GARY BRICE	2,357,024	MISEO, SABATO	2,357,024	HARIHARAN	2,356,562
MEADE INSTRUMENTS		MISONOU, MASAO	2,356,260	NAIR, CHENICHERI	
CORPORATION	2,356,340	MITCHAM, JENNIFER L.	2,354,156	HARIHARAN	2,356,894
MEDGENE BIOSCIENCES, INC.	2,356,701	MITSUBISHI PLASTICS, INC.	2,356,674	NAKAMURA, YOSHIAKI	2,356,949
MEDICAL RESEARCH COUNCIL		MIYAI, HISATO	2,357,038	NAKANISHI, KOICHI	2,355,289
	2,355,232	MIYAKE, TOSHIRO	2,356,141	NAKAYAMA, SHINPEI	2,356,636
MEDICAL RESEARCH COUNCIL		MIYAZAKI, OSAMU	2,356,738	NAKOS, DIMITRIS	2,356,387
	2,357,037	MIZUTA, TOSHIO	2,355,113	NALEWAJEK, DAVID	2,356,274
MEDICO DEVELOPMENT		ML LABORATORIES PLC	2,355,859	NAM, SANG-SEON	2,356,991
INVESTMENT COMPANY	2,356,614	MLYNARCZYK, SUSANNA K.	2,356,705	NAMBA PRESS WORKS CO.,	
MEHTA, RAY	2,355,874	MOBIL OIL CORPORATION	2,355,679	LTD.	2,356,348
MEI, XIAO-HUI	2,356,306	MOELLER, DOUGLAS	2,356,330	NANKAI, SHIRO	2,356,364
MEIER, KEVIN C.	2,355,597	MOESE, ROSA LAURA	2,357,046	NANOTRON, INC.	2,356,259
MEIJA SEIKA KAISHA, LTD.	2,356,885	MOESE, ROSA LAURA	2,357,047	NAPIER, MARY A.	2,353,799
MEISTER, KURT	2,356,529	MOHAMMADI, FATEMEH	2,356,746	NARA, SYUNGO	2,356,928
MELTON, RICHARD LEE	2,356,872	MOLCHANOV, STANISLAV		NARAGHI, HOOSHYAR F.	2,356,907
MENARD, JEAN-PAUL	2,356,886	ALEKSEEVITCH	2,356,629	NARAGHI, HOOSHYAR F.	2,356,989
MENNO CHEMIE		MOLD-MASTERS LIMITED	2,356,245	NASSI, MARCO	2,356,922
VERTRIEBSGES. MBH	2,355,595	MOLLET, BEAT	2,356,394	NASSI, MARCO	2,356,983
MERCK & CO. INC.	2,355,680	MOLTER, TRENT M.	2,357,630	NASSI, MARCO	2,357,019
MERCK & CO. INC.	2,356,349	MONSANTO TECHNOLOGY		NATIONAL RESEARCH	
MERCK & CO., INC.	2,355,883	LLC	2,356,556	COUNCIL OF CANADA	2,354,185
MERCK PATENT		MONTGOMERY, ALAN B.	2,355,283	NATSUNO, TAKESHI	2,356,357
GESELLSCHAFT MIT		MOON, JONG-YEOL	2,356,991	NATSUNO, TAKESHI	2,356,361
BESCHRANKTER		MOORE, SEAN	2,356,554	NATSUNO, TAKESHI	2,356,371
HAFTUNG	2,355,874	MOORE, THOMAS C.	2,356,309	NAVARRO, FRANCIS	2,356,333
MERCK PATENT		MOREAU, PASCAL	2,355,697	NEC CORPORATION	2,356,854
GESELLSCHAFT MIT		MORI, MASAMICHI	2,356,845	NEET, JOHN M.	2,355,835
BESCHRANKTER		MORI, TOSHIYUKI	2,355,113	NELSON, FRANCES CHRISTY	2,356,481
HAFTUNG	2,356,134	MORIN, JOHN MICHAEL		NELSON, RICHARD A.	2,356,954
MERCURIO, FRANK	2,354,153	JUNIOR	2,356,159	NEOVENTA MEDICAL AB	2,355,850
MERISTEM THERAPEUTICS	2,356,953	MORIOKA, IKUO	2,356,636	NEPA, LUCREZIA	2,355,095
MERTENS, JOSEPHUS		MORISHITA, RYUICHI	2,356,701	NESBITT, R. DENNIS	2,356,941
CAROLUS	2,355,716	MORIYAMA, NAOHICO	2,356,365	NETTER, PAUL L.	2,357,427
METSO WOODHANDLING OY	2,356,875	MORONI, DONATO	2,356,482	NEUFELD, ARTHUR JAMES	2,356,627
MEULEMANS, ANN LOUISE		MOROSINI, PIERFRANCESCO	2,355,888	NEUROTECH (S.A.)	2,355,879
GABRIELLE	2,355,857	MORREHEAD, JOHN S.	2,354,140	NEUROTECH (S.A.)	2,355,882
MEYRUEIX, REMI	2,356,556	MORRIS, ELIZABETH W. A.	2,356,332	NEUSER, KRISTINA MARIE	2,355,122
MHASKAR, SUDHAKAR		MORRIS, RICHARD J.	2,356,133	NEVERMANN, JAN	2,355,595
YESHWANT	2,355,235	MORRISSEY, ANNE B.	2,356,890	NEVEU, SYLVAIN	2,356,773
MHATRE, SUBHASH		MORRISSEY, DOUGLAS E.	2,355,065	NEWBERG, DOUGLAS A.	2,356,385
SHIVSHANKAR	2,355,235	MORTARA, ALESSANDRO	2,356,341	NGUYEN-BA, NGHE	2,355,712
MICKLE, MARLIN H.	2,355,791	MORTON, GERALD HUNT	2,356,651	NIEBA, LARS	2,354,183
MIGDAL, CYRIL A.	2,356,083	MOSCATELLI, ALEXANDRE	2,355,703	NIEGEL, MICHAEL	2,356,921
MIKKELSEN, FRANK	2,355,579	MOSCOVITCH, JERRY	2,356,353	NIIDUMA, YOSHIMI	2,356,884
MIKKELSEN, FRANK	2,355,580	MOTIWALA, QUAED	2,355,837	NIKI, TAKEFUMI	2,356,336
MIKKELSEN, FRANK	2,355,947	MOULTHROP, LAWRENCE C.		NILSSON, MATS	2,356,865
MIKKELSEN, FRANK	2,355,969	JR.	2,357,630	NIPPON SHEET GLASS CO.,	
MIKKELSEN, HANS CHRISTIAN	2,355,065	MOUNT SINAI SCHOOL OF		LTD.	2,356,260
MILLENNIUM		MEDICINE OF NEW YORK		NISHIDA, YOSHITSUGU	2,355,846
PHARMACEUTICALS		UNIVERSITY	2,356,533	NISHIMURA, YOSHIO	2,356,885
LIMITED	2,355,880	MUKHERJEE, SUBRATA	2,356,866	NISHTALA, SRINIVAS	2,356,129
MILLENNIUM		MULLER, BERND W.	2,355,291	NISSAN CHEMICAL	
PHARMACEUTICALS, INC.	2,356,841	MULLER, JENS	2,355,110	INDUSTRIES, LTD.	2,356,141
MILLER, RODNEY D.	2,356,270	MULROY, ROBERT	2,354,638	NL TECHNOLOGIES, LTD.	2,356,385
MILLER, STEPHEN G.	2,355,864	MULTIGIG LIMITED	2,355,930	NO, JONG-SEON	2,356,904
MILOJEVIC, SNEZANA	2,355,102	MUNCH, GAUTE	2,356,964	NOK CORPORATION	2,355,700
MIMORI, NORIHIKO	2,356,141	MURAKAMI, SEIJI	2,356,317	NOKIA NETWORKS OY	2,355,111
MING, DING	2,356,533	MURATA, SUSUMU	2,357,045	NOKIA NETWORKS OY	2,355,112
MING, XINTIAN	2,356,088	MURDIN, ANDREW D.	2,354,431	NOKIA NETWORKS OY	2,356,339
MINNESOTA MINING AND		MURPHY, DENNIS STEPHEN	2,355,122	NOKIA WIRELESS ROUTERS,	
MANUFACTURING		MURRAY, KENNETH	2,352,738	INC.	2,356,947
COMPANY	2,356,081	MURUGAIAH, ANDAPPAN		NORREGAARD-MADSEN,	
MINNESOTA MINING AND		MURUGAIAH SUBBAIAH	2,356,841	MADS	2,355,579
MANUFACTURING		NACHBOR, MARK D.	2,356,418	NORREGAARD-MADSEN,	
COMPANY	2,356,999	NAGAI, KOJI	2,356,845	MADS	2,355,580
		NAGARATHNAM,		NORREGAARD-MADSEN,	
		DHANAPALAN	2,355,848	MADS	2,355,947

## Index des demandes PCT entrant en phase nationale

NORREGAARD-MADSEN, MADS	2,355,969	OUTOKUMPU OYJ	2,356,138	PIONEER HI-BRED INTERNATIONAL, INC.	2,354,433
NORSK HYDRO ASA	2,356,486	OWENS CORNING	2,355,637	PIRELLI CAVI E SISTEMI S.P.A.	2,355,124
NORTEL NETWORKS LIMITED	2,356,330	OWENS CORNING	2,355,638	PIRELLI CAVI E SISTEMI S.P.A.	2,356,851
NORTEL NETWORKS LIMITED	2,357,613	P.N. GEROLYMATOS S.A.	2,356,745	PIRELLI CAVI E SISTEMI S.P.A.	2,356,864
NORTHEASTERN UNIVERSITY	2,357,623	PADIR, HALIL	2,357,551	PIRELLI CAVI E SISTEMI S.P.A.	2,356,870
NOURBAKHS, SEYED-HAMI	2,356,921	PALANO, DANIELA	2,355,888	PIRELLI CAVI E SISTEMI S.P.A.	2,356,922
NOVARTIS AG	2,356,344	PALDAN, ESKO	2,356,339	PIRELLI CAVI E SISTEMI S.P.A.	2,356,980
NOVARTIS PHARMA GMBH	2,356,246	PALOVICH, MICHAEL R.	2,355,890	PIRELLI CAVI E SISTEMI S.P.A.	2,356,983
NOVOZYMES A/S	2,352,749	PALVIAINEN, KEIJO	2,355,112	PIRELLI CAVI E SISTEMI S.P.A.	2,357,019
NOVOZYMES A/S	2,355,579	PANACEA PHARMACEUTICALS, LLC	2,357,413	PIRRO, JEFFREY P.	2,356,915
NOVOZYMES A/S	2,355,580	PAOLINI, FRANCESCO	2,356,774	PITTI, ROBERT M.	2,353,799
NOVOZYMES A/S	2,355,947	PAPADOPOULOS, JEREMY		PIZANO, ARTURO	2,355,931
NOVOZYMES A/S	2,355,969	JAMES MICHAEL	2,355,661	Plasma-Laser Technologies Ltd.	2,357,033
NOWBAKHT-IRANI, ALI	2,356,869	PARG, ADOLF	2,355,230	PLUSS-STAUER AG	2,356,775
NTT DOCOMO, INC.	2,356,357	PARISER, ERNEST R.	2,356,087	POHLMANN, WILLIAM N.	2,356,672
NTT DOCOMO, INC.	2,356,361	PARK, CHANG-SOO	2,356,904	POLLOCK-DOVE, CRYSTAL	2,355,860
NTT DOCOMO, INC.	2,356,371	PARK, CHEOL WON	2,355,281	POLZIN, ULF	2,356,614
NUCLEAR RECEPTOR RESEARCH LIMITED	2,355,299	PARK, CHEONSEOK	2,354,736	POPOVICH, VADIM PAVLOVICH	2,356,629
NUMATA, AKIRA	2,356,141	PARK, HAN-OH	2,356,700	PORUBEK, DAVID J.	2,355,283
NUMATA, HISASHI	2,356,889	PARK, HEE DONG	2,355,281	POTTER, MICHAEL D.	2,355,660
NUMMINEN, RAILI	2,356,339	PARKER HUGHES INSTITUTE	2,356,816	POZZATI, GIOVANNI	2,356,864
NUMRICH, UWE	2,356,338	PARLAR, MEHMET	2,356,332	PRECISION COMBUSTION, INC.	2,356,523
NYCE, JONATHAN W.	2,356,368	PARRINO, MAURIZIO	2,355,605	PROGENICS PHARMACEUTICALS, INC.	2,355,607
NYCOMED IMAGING AS	2,356,942	PARRISH, JOHNNY E.	2,356,695	PROSPOT, INC.	2,356,626
NYDEREK, WALTER M.	2,356,355	PATEL, MAHESH	2,356,866	PROSZOWSKI, MARIOLA J.	2,356,274
NYSTROM, CHRISTIAN	2,356,868	PATHOGENESIS CORPORATION	2,355,283	PROTEUS (S.A.)	2,354,986
NYSTROM, JAN-ERIK	2,355,792	PATY, PHILIP B.	2,356,697	PROTON ENERGY SYSTEMS, INC.	2,357,630
OAKLEY, ANDREW ROBERT	2,355,649	PAULUSSEN, AIMEE DYMHPNE CATHERINE	2,355,658	PU, QING KENT	2,356,961
O'BRIEN, EDWIN WILLIAM	2,355,838	PAYNE, LLOYD JAMES	2,355,880	PUIGSERVER, PERE	2,353,086
OGATA, HIROYUKI	2,355,855	PEI, ZHONGHUA	2,356,320	PYRET, THOMAS W.	2,355,894
OGAWA, SATOSHI	2,357,038	PELISSIER, EDOUARD	2,357,020	QIU, GANG	2,354,188
OGAWA, TARO	2,356,348	PELTONEN, KARI	2,356,527	QUALCOMM INCORPORATED	2,355,837
OGIHARA, TOSHIO	2,356,701	PERAUS, GISELA	2,354,154	QUALCOMM INCORPORATED	2,356,627
OGURA, TOMOYUKI	2,356,141	PEREZ, TIMOTHY W.	2,355,964	QUEST DIAGNOSTICS INVESTMENTS INCORPORATED	2,356,270
OHRBOM, WALTER	2,355,240	PERRAULT, CHARLES	2,356,092	QUINN, JOSEPH EDWARD	2,356,629
OHTSUKA, TATSUO	2,355,694	PERRY, ANTHONY C. F.	2,354,735	QUINONERO, JEROME	2,355,879
OHVO, MIKKO	2,355,111	PERSILLON, CECILE	2,354,986	QUINONERO, JEROME	2,355,882
OLAGAPPAN, MUTHU	2,356,387	PERSOON, JOSEFINE	2,356,704	QUITMANN, UWE	2,356,609
OLIN CORPORATION	2,355,885	PERRUZZOTTI, FRANCO	2,356,870	RAAP, MAIK	2,354,987
OLSBYE, UNNI	2,356,388	PETERS, RICHARD D.	2,355,683	RADCLYFFE, NICHOLAS J.	2,356,863
OLSON, WILLIAM C.	2,355,607	PETERS, RICHARD D.	2,356,342	RAJAN, VARAGUR S.V.	2,356,658
OLSSON, MIKAEL L. E.	2,356,626	PETERSON, BRETT	2,356,351	RANDAHL, TORBJORN	2,355,719
OMYA AG	2,355,684	PETTENSKI, THOMAS A.	2,354,140	RANFORD, ALAN	2,355,597
ONERA (OFFICE NATIONAL D'ÉTUDES ET DE RECHERCHES AÉROSPATIALES)	2,355,692	PETTMAN, ALAN JOHN	2,356,300	RANTALA, VEIKKO KALEVI	2,355,843
ONERA (OFFICE NATIONAL D'ÉTUDES ET DE RECHERCHES AÉROSPATIALES)	2,355,695	PFÄFF, GARY	2,355,685	RAO, ALLA VENKATA RANA RAO, BATCHU VENKATESWARA	2,356,841
OOMEN, RAYMOND P.	2,354,431	PFEFFERLE, WILLIAM C.	2,356,523	RASANEN, JUHA	2,355,111
OOSTING, LOUIS	2,356,389	PFIZER INC.	2,355,102	RASMUSSEN, JESPER	2,356,964
OPITZ, WERNER	2,355,100	PFIZER INC.	2,356,300	RASP, WOLFGANG	2,357,030
OPSAHL, LARS	2,356,916	PFIZER PRODUCTS INC.	2,356,985	RATHONYI, BELA	2,356,900
OPSOMMER, ANN	2,356,143	PFLEIDERER, WOLFGANG EUGEN	2,356,380	RATIOPHARM GMBH	2,355,271
OPTICAL TECHNOLOGIES ITALIA S.P.A.	2,356,978	PHARMACIA & UPJOHN COMPANY	2,355,894	RATTI, GIULIO	2,355,876
OPTICAL TECHNOLOGIES ITALIA S.P.A.	2,356,997	PHILD CO., LTD.	2,356,250	RAWAT, HARISH	2,356,387
OPTICAL TECHNOLOGIES ITALIA S.P.A.	2,357,017	PHILLIPS PETROLEUM COMPANY	2,356,272	RAY, SUBHANKAR	2,356,839
ORACLE CORPORATION	2,356,387	PHOENIX CONTROLS CORPORATION	2,356,835	RAYMOND, DAWN M.	2,355,820
ORPHAN MEDICAL, INC.	2,355,293	PHYTOGEN LIFE SCIENCES, INCORPORATED	2,356,896	RE, ROBERT G.	2,355,894
ORTHO-MCNEIL PHARMACEUTICAL, INC.	2,356,747	PIERCE, RONALD G.	2,356,081	REAMSNYDER, CHRISTOPHER R.	2,355,609
OSTERLING, JACOB KRISTIAN	2,356,879	PIETERS, SERGE MARIA ALOYSIUS	2,355,716	REARDAN, DAYTON	2,355,293
OU, YUANJIANG	2,356,387	PIETILAINEN, ERKKI	2,355,068	REDCO N.V.	2,356,143
		PIETRAS, BERND-GEORG	2,356,471	REEVES, EDWIN H.	2,356,863
		PIETRAS, BERND-GEORG	2,356,930	REGAN, CIARAN M.	2,355,296
				REGBERG, TOR	2,355,827

## Index of PCT Applications Entering the National Phase

REHFUSS, JOHN	2,355,240	SAMSUNG ELECTRONICS CO., LTD.	2,356,904	SHANKLAND, IAN ROBERT	2,356,521
REICHARD, GREGORY A.	2,355,886	SAMSUNG ELECTRONICS CO., LTD.	2,357,518	SHAW, ROBERT WILLIAM	2,356,282
REILAND, TOM	2,355,820	SAMUELSSON, ARNE	2,355,850	SHAWVER, LAURA KAY	2,357,042
REINERS, ULRICH	2,356,663	SANDANAYAKA, VINCENT	2,356,313	SHELL INTERNATIONALE RESEARCH	
REINERS, ULRICH	2,356,666	PREMARANA		MAATSCHAPPIJ B.V.	2,356,280
RENNER, WOLFGANG A.	2,354,183	SANDERS, JOHAN PIETER		SHELL INTERNATIONALE RESEARCH	
RHOADS, GEOFFREY B.	2,355,715	MARINUS	2,356,880	MAATSCHAPPIJ B.V.	2,356,282
RHODIA CHIMIE	2,356,773	SANDQUIST, KENT K.	2,357,548	SHELL INTERNATIONALE RESEARCH	
RHODIA INC.	2,356,088	SANDVIK TAMROCK OY	2,354,692	MAATSCHAPPIJ B.V.	2,357,635
RHODIA POLYAMIDE INTERMEDIATES	2,356,817	SANELLI, ENRICO	2,357,044	SHEPPARD, PAUL O.	2,352,560
RICHETT, MICHAEL ENRICO	2,356,159	SARANTEL LIMITED	2,357,041	SHERWOOD SERVICES AG	2,355,597
RICOULT, DANIEL L.	2,357,427	SARCHI, DAVIDE	2,355,124	SHETH, MIHIR	2,356,956
RILEY, KENNETH LLOYD	2,356,920	SASTRY, CHELLURY R.	2,355,931	SHEVLIN, GRAZIELLA I.	2,356,986
RILEY, KENNETH LLOYD	2,357,022	SATO, ICHIRO	2,356,343	SHIBA, KIYOKO	2,356,867
RILEY, KENNETH LLOYD	2,357,024	SATO, ICHIRO	2,356,763	SHIELDS, TED M.	2,356,902
RILEY, KENNETH LLOYD	2,357,528	SAUERER, JOSEF	2,357,023	SHIH, NENG-YANG	2,355,886
RIONDEL, ALAIN	2,356,759	SAUR, REINHOLD	2,355,711	SHIMAZAKI SEED CO., LTD.	2,355,846
ROBA, GIACOMO STEFANO	2,355,124	SAVINO, THOMAS	2,355,240	SHIMAZAKI, FUJIO	2,355,846
ROBB, ALLAN F.	2,356,901	SCA HYGIENE PRODUCTS		SHIMOGOME, HIROYUKI	2,356,347
ROBBINS, BRIAN JAMES	2,356,881	ZEIST B.V.	2,356,849	SHINDO, NOBUAKI	2,356,845
ROBERGE, PHILIPPE	2,355,707	SCELZA, CRISTIANA	2,356,851	SHIN-YA, KAZUO	2,356,845
ROBINSON, MOISES E.	2,356,242	SCHAFAER, BERNHARD	2,356,338	SHIRE BIOCHEM INC.	2,355,712
ROETH, PHILIP JOHN	2,356,562	SCHAPAUGH, RANDAL L.	2,355,894	SHITARA, EIKI	2,356,885
ROEVEN, PETER WALTER		SCHAPPERT, KEITH	2,354,544	SHOWELL, MICHAEL	
MARIA	2,355,822	SCHELBERGER, KLAUS	2,355,711	STANFORD	2,357,046
ROGERS, SHARON A.	2,356,990	SCHELDE MARITIEM B.V.	2,356,848	SHOWELL, MICHAEL	
ROHM GMBH	2,356,338	SCHERER, JONATHAN E.	2,356,902	STANFORD	2,357,047
ROMANO, JAMES J.	2,355,964	SCHERER, MARIA	2,355,711	SIEMENS	
ROMANTCHIKOV, YURI	2,355,349	SCHERING CORPORATION	2,355,886	AKTIENGESELLSCHAFT	2,356,675
RONNEKLEIV, MORTEN	2,356,388	SCHIATTONE, FRANCESCO	2,356,978	SIEMENS CORPORATE	
RONOLD, HANS JACOB	2,356,916	SCHIATTONE, FRANCESCO	2,356,997	RESEARCH, INC.	2,355,931
ROOS, MARTIN	2,356,316	SCHLUMBERGER		SIEMENS HEARING	
ROQUES, BERNARD P.	2,356,777	TECHNOLOGY		INSTRUMENTS, INC.	2,356,052
ROSE, BRUCE	2,356,832	CORPORATION	2,356,332	SIEMENS WESTINGHOUSE	
ROSE, LYNN M.	2,355,283	SCHMID, STEFFEN	2,357,017	POWER CORPORATION	2,356,888
ROSEN, KARL G.	2,355,850	SCHMIDT, RAINER	2,354,732	SIERRI, GIANCARLO	2,355,123
ROSETTA INPHARMATICS, INC.		SCHOGGEN, HOWARD LEON	2,356,651	SIERRI, GIANCARLO	2,355,933
	2,356,696	SCHOPEN, ULRIKE	2,355,295	SIGNAL PHARMACEUTICALS, INC.	2,354,153
ROSETTA INPHARMATICS, INC.		SCHRADER, DAVID	2,356,995	SIGNAL PHARMACEUTICALS, INC.	2,356,986
	2,356,873	SCHRAVEN, BAS	2,356,849	SIKORSKI, JAMES A.	2,356,157
ROSSI, LEENA	2,356,339	SCHROCK, ALAN K.	2,357,050	SIKORSKI, JAMES A.	2,356,158
ROSSITER, JAY	2,356,387	SCHUCKLER, FRITZ	2,355,295	SIKORSKI, JAMES A.	2,356,240
ROTH, MICHAEL JOSEPH	2,356,871	SCHUH, JOSEPH R.	2,356,156	SIMMONS COMPANY	2,355,233
ROTTER, GEORGE E.	2,356,355	SCHUMACHER, DALE	2,356,351	SIMONATO, ENRICO	2,355,605
ROTTER, VARDA	2,354,862	SCHUT, FREDERIK	2,356,389	SIMONYI, VICTOR	2,356,852
ROYCHOUDHURY, SUBIN	2,356,523	SCHWARZENTRUBER,		SINGH, HARDEV	2,356,897
R-TECH UENO, LTD.	2,356,382	PATRICK	2,355,684	SINGH, MICHAEL	2,356,359
RUBIN, ARKADY	2,356,747	SCIMED LIFE SYSTEMS, INC.	2,356,754	SINGH, RAJIV RATNA	2,356,521
RUELLE, JEAN-LOUIS	2,354,190	SCOTT, CHARLES P.	2,355,934	SIRIMANNE, D. LAKSEN	2,356,890
RUKA, ROSWELL J.	2,356,888	SCOTT, RICHARD MARK	2,356,280	SITRIN, ROBERT	2,355,680
RUSIN, RICHARD P.	2,357,000	SCOTT, RICHARD MARK	2,356,282	SITZMANN, EUGENE V.	2,356,274
RUSS, CRAIG F.	2,355,065	SEABROOK, ELIZABETH JEAN	2,356,894	SIVAKUMAR, THIVAKARAM	
RYDIN, ARNE	2,356,868	SEARLE, JOHN, F.	2,354,140	PRAKASH	2,356,387
RYDNELL, GUNNAR	2,355,686	SECUGEN CORPORATION	2,356,670	SKARMAN, KARIN	
RYTTER, ERLING	2,356,388	SEEMANN, JENS	2,355,100	MARGARETA	2,356,699
S. C. JOHNSON HOME		SEKISUI PLASTICS CO., LTD.	2,356,636	SKEIKY, YASIR	2,356,669
STORAGE, INC.	2,356,650	SEMENIUK, DANIEL	2,354,638	SKRZYPCHAK, MARK	2,356,612
SACMI COOPERATIVA		SENDA, KAZUHISA	2,355,700	SLAWINSKI, MICHAEL D.	2,356,626
MECCANICI IMOLA		SENN, ALEXANDER	2,356,245	SLOAN-KETTERING INSTITUTE	
S.C.R.L.	2,356,913	SENOO, YASUMASA	2,356,348	FOR CANCER RESEARCH	2,356,697
SADALAPURE, KASHINATH	2,356,841	SENSOTHERM		SMEETS, SVEN HUBERTUS	
SAFE, STEPHEN H.	2,356,624	TEMPERATURSENSORIK		JOHANNES	2,356,833
SAGEM S.A.	2,355,708	GMBH	2,356,856	SMITH, DAVID JAY	2,356,651
SAINT-GOBAIN CERAMICS		SERBINSKI, ANDREW	2,355,929	SMITH, HENRY H.	2,355,244
AND PLASTICS, INC.	2,355,245	SERCEL	2,356,886		
SAKAGUCHI, KOICHI	2,356,260	SERLETI, MICHELE	2,355,888		
SAKAKIBARA, TATSUYA	2,356,317	SETO, HARUO	2,356,845		
SAKAKIBARA, TATSUYA	2,356,317	SHANGOLD, GARY	2,356,747		
SALTYKOV, OLEG	2,356,052				
SAMPSON, HUGH	2,357,413				

## Index des demandes PCT entrant en phase nationale

SMITH, KENNETH L.	2,356,418	STRAVRAKAS, NICKOLAS		TELEFONAKTIEBOLAGET LM	
SMITH, KENNETH L.	2,357,420	MARK	2,356,629	ERICSSON	2,356,654
SMITH, KEVIN W.	2,355,115	STRESSGEN		TELEFONAKTIEBOLAGET LM	
SMITH, MARK ROYSTON	2,355,119	BIOTECHNOLOGIES		ERICSSON	2,356,699
SMITH, RUSSELL P.	2,357,051	CORPORATION	2,352,608	TELEFONAKTIEBOLAGET LM	
SMITH, WARREN F.	2,356,523	STRUNGSMANN, THOMAS	2,355,891	ERICSSON	2,356,862
SMITHKLINE BEECHAM		STUBLER, JEROME	2,356,819	TELEFONAKTIEBOLAGET LM	
BIOLOGICALS S.A.	2,354,190	SUBBARAMAIAH, KOTHA	2,357,525	ERICSSON	2,356,876
SMITHKLINE BEECHAM		SUCAMPO, A.G.	2,356,912	TELEFONAKTIEBOLAGET LM	
CORPORATION	2,355,864	SUCHANEK, STEVE	2,356,248	ERICSSON	2,356,879
SMITHKLINE BEECHAM		SUGEN, INC.	2,357,042	TELEFONAKTIEBOLAGET LM	
CORPORATION	2,355,890	SULLIVAN, MICHAEL J.	2,356,941	ERICSSON	2,356,883
SMS DEMAG AG	2,356,609	SULZBACH, HORST	2,356,241	TELEFONAKTIEBOLAGET LM	
SNOW BRAND MILK		SULZER PUMPEN AG	2,356,527	ERICSSON	2,356,892
PRODUCTS CO., LTD.	2,356,850	SUMITOMO BAKELITE CO.,		TELEFONAKTIEBOLAGET LM	
SOARES, CHRISTOPHE	2,355,693	LTD.	2,356,857	ERICSSON	2,356,900
SOCIETE DES PRODUITS		SUN CHEMICAL		TELEFONAKTIEBOLAGET LM	
NESTLE S.A.	2,356,394	CORPORATION	2,356,832	ERICSSON	2,356,906
SOCIETE DES PRODUITS		SUN, LI	2,357,042	TELEFONAKTIEBOLAGET LM	
NESTLE S.A.	2,357,026	SUTHERLAND, MAY S.	2,356,986	ERICSSON	2,356,918
SOGARD, DAVID J.	2,356,754	SUTTON, DOUGLAS S.	2,356,890	TELEFONAKTIEBOLAGET LM	
SOHDA, KIN-YA	2,356,845	SUZUKI, KENICHIRO	2,356,854	ERICSSON	2,356,921
SOLED, STUART LEON	2,357,022	SUZUKI, YASUYUKI	2,356,310	TELEFONAKTIEBOLAGET LM	
SOLED, STUART LEON	2,357,024	SVENSSON, ERIC	2,356,551	ERICSSON (PUBL)	2,356,868
SOLMETEX, INC.	2,356,902	SWAN, ELLEN L.	2,356,274	TELITAL R & D DENMARK A/S	2,355,594
SOLOMON, DAVID LOUIS		SWEENEY, RICHARD J.	2,356,147	TEMPLE UNIVERSITY - OF THE	
CHARLES	2,356,391	SWERS, DAVID N.	2,356,695	COMMONWEALTH	
SOLOMON, MONTAGUE CECIL	2,356,391	SWISZCZ, PAUL	2,355,710	SYSTEM OF HIGHER	
SOLTANI, SOHRAB	2,355,964	SYNAPTIC PHARMACEUTICAL		EDUCATION	2,355,287
SOLUTIA INC.	2,356,560	CORPORATION	2,355,848	TEMPLETON, LOUISE	2,355,829
SOMA, GEN-ICHIRO	2,355,893	SYNOPTIK HOLDING A/S	2,355,237	TENG, HARRY H.	2,356,670
SONY CORPORATION	2,356,343	SZMUSZKOVICZ, JACOB	2,355,296	TERADA, SHIGENORI	2,356,674
SONY CORPORATION	2,356,763	TABOR, RICK L.	2,357,050	TEXAS HEART INSTITUTE	2,356,911
SORENSEN, NIELS HENRIK	2,352,749	TADA, CHIYOKO	2,355,855	THALES AVIONICS S.A.	2,355,707
SOSIN, HOWARD B.	2,357,413	TAIHO PHARMACEUTICAL CO.,		THE B.F. GOODRICH COMPANY	
SOTO, GABE	2,355,117	LTD.	2,355,893		
SOULA, GERARD G.	2,356,556	TAISHO PHARMACEUTICAL		THE BOARD OF TRUSTEES OF	
SPALDING SPORTS		CO., LTD.	2,356,310	THE UNIVERSITY OF	
WORLDWIDE, INC.	2,356,941	TAKAGI, JUN	2,356,674	ILLINOIS	2,356,306
SPANTON, DAVID L.	2,356,519	TAKAHIRA, RYOICHI	2,356,347	THE BOEING COMPANY	2,357,486
SPERANZA, ANTONIO J.	2,357,630	TAKAKI, AKIRA	2,355,113	THE DOW CHEMICAL	
SPERSCHNEIDER, RALPH	2,356,869	TAKASE, HIROAKI	2,356,250	COMPANY	2,356,995
SPIEGELMAN, BRUCE M.	2,353,086	TAKEUCHI, TOMIO	2,356,885	THE DOW CHEMICAL	
SPIELMAN, STEVEN R.	2,356,858	TAKII, SHINJI	2,356,141	COMPANY	2,357,050
SPIRIN, JURY LEONIDOVICH	2,357,039	TALUKDAR, ARINDAM	2,356,841	THE GENERAL HOSPITAL	
SPRINT COMMUNICATIONS		TAMASHIMA, MASAHIRO	2,356,889	CORPORATION	2,356,705
COMPANY, L.P.	2,356,352	TAMURA, GAKUZO	2,355,299	THE LUBRIZOL CORPORATION	2,357,040
SSEDAA TECHNOLOGY CO.,		TAN, PARIS SOM TJWAN	2,356,389	THE NISSHIN OIL MILLS, LTD.	2,355,289
LTD.	2,355,877	TANABE, MITSURU	2,356,343	THE ORALSCAN/TRYLON	
STAEGER, MICHAEL A.	2,356,320	TANABE, MITSURU	2,356,763	JOINT VENTURE	2,355,661
STANEK, ROGER	2,355,685	TANAKA, HAYAO	2,356,857	THE PENN STATE RESEARCH	
STAPPERS, FRANK H., M.	2,357,032	TANG, PENG CHO	2,357,042	FOUNDATION	2,355,934
STEEBER, DORIAN F.	2,356,393	TANG, Y. TOM	2,353,797	THE PROCTER & GAMBLE	
STEELE, ADAM B.	2,356,946	TANG, Y. TOM	2,355,074	COMPANY	2,355,095
STEIN, BERND M.	2,356,986	TAWFIK, DAN	2,357,037	THE PROCTER & GAMBLE	
STEINHAUSER, LOUIS P.	2,356,078	TAZZIA, CHARLES	2,355,935	COMPANY	2,355,123
STEINMILLER, DAVID K.	2,356,852	TDS CAD GRAPHICS LIMITED	2,355,649	THE PROCTER & GAMBLE	
STEITZ, SUSIE	2,354,189	TEBBEN, ANDREW J.	2,356,349	COMPANY	2,355,933
STEPHENS, MICHAEL	2,356,272	TEEKAY SHIPPING (CANADA)		THE PROCTER & GAMBLE	
STETSENKO, GENNADY		LTD.	2,356,889	COMPANY	2,356,657
NIKOLAEVICH	2,356,629	TEIJIN LIMITED	2,355,654	THE PROCTER & GAMBLE	
STEVENS, KENNETH EARL	2,355,605	TEIJIN LIMITED	2,356,365	COMPANY	2,356,944
STFI	2,356,321	TELEFONAKTIEBOLAGET LM		THE PROCTER & GAMBLE	
STHANIKAM,		ERICSSON	2,355,686	COMPANY	2,357,045
BALASUBRAMANYAM	2,356,387	TELEFONAKTIEBOLAGET LM		THE PROCTER & GAMBLE	
STOLT, TOMAS	2,356,699	ERICSSON	2,355,689	COMPANY	2,357,047
STOUGHTON, ROLAND	2,356,696	TELEFONAKTIEBOLAGET LM		THE PROCTER & GAMBLE	
STOUGHTON, ROLAND	2,356,873	ERICSSON	2,355,718	COMPANY	2,356,881
STOWELL, DAVID	2,356,387	TELEFONAKTIEBOLAGET LM			
STRATHMANN, SIEGFRIED	2,355,711	ERICSSON	2,355,719		

## Index of PCT Applications Entering the National Phase

THE PROCTOR & GAMBLE COMPANY	2,357,046	TZANNES, MICHAEL A. U.N.I.R. ULTRA PROPRE- NUTRITION INDUSTRIE- RECHERCHE	2,357,551	VARIAGENICS, INC. VARINTELLIGENT (BVI) LIMITED	2,354,544 2,356,555
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2,352,783	UCHIDA, TAKAFUMI	2,355,701	VASLIN, SOPHIE	2,356,773
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2,356,629	UCKUN, FATIH M.	2,356,816	VENET, MARC GASTON	2,355,717
THE SECRETARY OF STATE FOR DEFENCE	2,356,520	UEDA, YOSHIO	2,356,250	VENKATARAMAN, RAMKUMAR	2,356,387
THE TEXAS A & M UNIVERSITY SYSTEM	2,356,624	UENO, HIDEKI	2,356,141	VENKATESAN, ARANAPAKAM MUDUMBAI	2,356,313
THE UNIVERSITY OF YORK	2,355,284	UENO, HIROYUKI	2,356,636	VENKATESAN, ARANAPAKAM MUDUMBAI	2,356,346
THE VICTORIA UNIVERSITY OF MANCHESTER	2,355,352	UENO, RYUJI	2,356,912	VENTANA MEDICAL SYSTEMS, INC.	2,355,114
THEEUWES, FELIX	2,356,860	UENO, RYUZO	2,356,928	VERBEEK, ANTONIUS JOHANNES	2,356,833
THEOPHILUS, ANDREW LEWIS	2,356,897	UGGERI, FULVIO	2,355,888	VERGE, CHRISTOPHE	2,355,693
THERMO BLACK CLAWSON INC.	2,356,137	ULRICH, JOHANNES	2,355,858	VERNET, JEAN-LOUIS	2,356,759
THERMO WEB SYSTEMS, INC.	2,357,543	UMINO, SHIGERU	2,355,855	VERWILLIGEN, ANNE-MIEKE YVONNE WILHELMINA	2,356,849
THETIS ENGINEERING DEVELOPMENT (PTY) LTD	2,355,118	UNILEVER PLC	2,355,122	VESALA, REIJO	2,356,527
THIEWES, HARM JAN	2,356,849	UNILEVER PLC	2,355,235	VESSEY, BRUCE ALAN	2,355,065
THIJSSSEN, JOZEF BERTHA AUGUST	2,355,822	UNILEVER PLC	2,356,698	VESUVIUS CRUCIBLE COMPANY	2,356,350
THOMAS, NORMAN W.	2,356,954	UNILEVER PLC	2,356,746	VIDAL, MICHEL	2,356,777
THOMPSON, RICHARD C.	2,355,291	UNILEVER PLC	2,355,709	VIDAURRE, VICTOR H.	2,355,601
THOMSON-CSF SEXTANT	2,355,697	UNION BIOMETRICA, INC.	2,356,083	VIDAURRE-MILLER, FRANCISCA	2,355,601
THORNTON, JEFFREY WILSON	2,356,849	UNIROYAL CHEMICAL COMPANY, INC.	2,355,065	VIDEM, KETIL	2,356,916
TIBBLES, RAYMOND J.	2,356,332	UNISYS CORPORATION	2,355,296	VIKMAN, VESA	2,356,527
TICK, PAUL A.	2,357,427	UNIVERSITY COLLEGE DUBLIN	2,356,658	VIND, JESPER	2,352,749
TILLET, YVES THEODORE	2,356,745	UNIVERSITY OF ALBERTA	2,355,873	VINOD, PALATHINKARA	2,356,332
TIMKEN, HYE KYUNG CHO	2,355,679	UNIVERSITY OF BRITISH COLUMBIA	2,354,863	VISIGALLI, MASSIMO	2,355,888
TIMM, DEBRA	2,357,043	UNIVERSITY OF FLORIDA	2,354,735	VITEBSKIY, ILYA MARKOVICH	2,356,629
TIMSIT, SERGE	2,355,879	UNIVERSITY OF HAWAII	2,356,955	VIVANT MEDICAL, INC.	2,356,890
TIMSIT, SERGE	2,355,882	UNIVERSITY OF MARYLAND	2,356,955	VKR HOLDING A/S	2,356,363
TINGEY, BRIAN G.	2,356,340	UNIVERSITY OF PITTSBURGH OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION	2,355,791	VOLUSIA HOLDING CORPORATION, THE	2,357,568
TIRELLI, DIEGO	2,356,870	UNIVERSITY OF SOUTH FLORIDA	2,357,651	VON DER HEYDE, JURGEN	2,355,230
TJEENK WILLINK, CORNELIS ANTONIE	2,357,635	UNIVERSITY OF WASHINGTON	2,354,189	VON DYCK, PETER	2,355,597
TJERNELD, FOLKE	2,356,704	UNIVERSITY OF WASHINGTON	2,355,696	VON GELDERN, TOM	2,356,320
TOCILI, BILJANA	2,356,391	UNSWORTH, PETER	2,355,649	VON HAGEN, INGO	2,356,609
TODA, YASUYUKI	2,356,348	UPMALIS, DAVID	2,356,747	VORA, SHAILESH D.	2,356,888
TOMIE, TAKASHI	2,355,654	URAOKA, NOBUKI	2,355,246	VOTICKY, MICHAEL	2,356,483
TONEY, KENNETH A.	2,356,650	URNEZIS, PHILIP W.	2,356,935	VOURNAKIS, JOHN N.	2,356,087
TONG, WEN	2,357,613	USHEROVICH, BORIS	2,356,561	VRBA, ANTHONY C.	2,356,754
TOUVELLE, MICHELE SUE	2,357,022	VAIRON, JEAN-PIERRE	2,355,693	VT HOLDINGS II, INC.	2,356,356
TOUVELLE, MICHELE SUE	2,357,024	VALDE, LIRIS KYLLIKKI	2,355,843	VYAS, KAMLESH P.	2,355,848
TOVANDER, LARS A.	2,356,933	VALENTINE, ERIC	2,356,839	WAER, MARK JOSEPH ALBERT	2,356,380
TOXIN ALERT, INC.	2,356,277	VALMET FIBERTECH AB	2,356,893	WALDAU, CHRISTOPH	2,356,663
TRACY, ROGER H.	2,356,863	VAN AELTEN, FILIP	2,356,640	WALDAU, CHRISTOPH	2,356,666
TRANSENSE TECHNOLOGIES PLC	2,356,484	VAN BELLEGEM, PAULUS C. J. M.	2,357,050	WALKER, KEITH ADRIAN MURRAY	2,352,740 2,355,121
TREWELLA, JEFFREY C.	2,355,679	VAN BERLO, ANDRE OLGAR HENRY	2,357,635	WALLSTEN MEDICAL S.A.	2,355,121
TROXELL, EUGENE W.	2,355,065	VAN BRUGGEN, NICHOLAS	2,355,976	WALLSTEN, HANS I.	2,357,496
TRUSTEES OF BOSTON UNIVERSITY	2,353,800	VAN BRUSSEL-VERRAEST, DORINE LISA	2,356,849	WANG, CHIA C.	2,357,496
TSUJII, SHINJI	2,355,694	VAN DER KAAIJ, HENGAMEH	2,356,394	WANG, DASONG	2,355,886
T-SYSTEMS INTERNATIONAL, INC.	2,356,844	VAN DER POEL, HANS	2,356,528	WANG, HUAMING	2,357,577
T-SYSTEMS INTERNATIONAL, INC.	2,356,901	VAN DUYN, MARTIN	2,356,948	WANG, JIPING	2,357,045
TUMBLEWEED COMMUNICATIONS CORP.	2,357,016	VAN MAMEREN, HANS	2,356,675	WANG, JOE	2,354,431
TURGIS, JEAN DOMINIQUE	2,356,832	VAN SCHIJNDEL, RENEE JOSIE GIDE	2,357,032	WANG, RUI R.	2,357,613
TURTON, THOMAS NORMAN	2,356,894	VAN SOEST, JEROEN JOHANNES GERARDUS	2,357,032	WARD, ANTHONY J. I.	2,356,556
TYCO ELECTRONICS UK LTD	2,356,326	VAN WART, HAROLD EDGAR	2,352,740	WARD, GREGORY J.	2,356,560
		VANELSAS, ANDREA	2,352,783	WARDLE, JOHN L.	2,356,649
				WARNER-LAMBERT COMPANY	2,355,241
				WARSHAWSKY, ALAN M.	2,356,919
				WASHINGTON UNIVERSITY	2,355,117
				WASHINGTON UNIVERSITY	2,356,990
				WASICEK, LARRY D.	2,356,309

## Index des demandes PCT entrant en phase nationale

WATANABE, MOTOKAZU	2,356,364	WYNBLATT, MICHAEL	2,355,931	ZUFFA, ZENO	2,356,913
WATANABE, SHIGEMI	2,356,362	XCAFE LLC	2,355,663	ZUMTOBEL STAFF GMBH	2,356,524
WATER PIK, INC.	2,355,929	XILINX, INC.	2,356,242	ZUMTOBEL STAFF GMBH	2,356,874
WATERBURY, ROBERT	2,357,651	XIN, ZHILI	2,356,320	ZYMOGENETICS, INC.	2,352,560
WATLOW ELECTRIC MANUFACTURING COMPANY	2,356,078	XU, MINZHEN	2,354,188		
WEATHERFORD/LAMB, INC.	2,356,471	YABUNOUCHI, NOBUHIRO	2,356,635		
WEATHERFORD/LAMB, INC.	2,356,930	YADAV, SATYENDRA	2,355,881		
WEATHERLY, STEPHEN M.	2,356,137	YAGER, PAUL	2,355,696		
WEBB, STEVEN R.	2,354,185	YAMANOUCI PHARMACEUTICAL CO., LTD.	2,356,845		
WEBER, GEORGE	2,356,088	YANAGIMACHI, RYUZO	2,354,735		
WEBER, NORBERT	2,357,023	YANG, JUNMING	2,353,797		
WEBER, RAINER	2,355,862	YANG, KYEONG-CHEOL	2,356,904		
WEHAGE, HARALD	2,356,609	YANG, KYEONG-CHEOL	2,357,518		
WEI, AGUAN	2,355,300	YANG, WEI	2,356,530		
WEISCHEDEL, WALTER	2,356,609	YANO, TETSUYA	2,356,365		
WELLS, ERIC C.	2,357,046	YARON, AVRAHAM	2,354,153		
WELLS, ERIC C.	2,357,047	YAVATKAR, RAJ S.	2,355,881		
WELLS, KEVIN W.	2,355,791	YEADON, GRAHAM	2,355,116		
WELZEL, DIETER	2,356,246	YEAGER, MARK D.	2,355,883		
WENG, WEIQING	2,356,667	YEDA RESEARCH AND DEVELOPMENT CO. LTD.	2,354,862		
WENNBERG, OLLE	2,357,548	YEH, WEN-LUNG	2,356,871		
WENT, GREGORY T.	2,356,950	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALE	2,354,153		
WESSELING, MARTIN	2,355,891	YOKOTA, KIYOHICO	2,356,635		
WEST, JAMES A.	2,355,678	YONEHARA, HISATOMO	2,356,832		
WESTFALISCHE GASVERSORGUNGS AG & CO. KG	2,357,634	YOON, CHONG-MAN	2,356,991		
WHEELER, LARRY A.	2,357,014	YORK INTERNATIONAL CORPORATION	2,356,369		
WHITWORTH, ANDREW JOHN	2,356,859	YOSHINO, YOSHIKO	2,356,310		
WHITWORTH, DOROTHY	2,356,859	YOSHIOKA, KATSUJI	2,352,347		
WICKS, STEPHEN RICHARD	2,355,102	YOU, HAE-SANG	2,356,991		
WIDDOWSON, KATHERINE L.	2,355,890	YOUNG, ADAM LUCAS	2,356,665		
WIDERA, GUNTER	2,354,732	YOUNG, ANDREW	2,356,331		
WIEGAND, ANTJE	2,356,389	YOUNG, ANDREW	2,356,706		
WIERENGA, ANTJE M.	2,356,332	YUAN, LUNG-CHI J.	2,355,239		
WIERLACHER, STEFAN ALOIS	2,355,095	YUE, HENRY	2,353,797		
WIERLACHER, STEFAN ALOIS	2,355,123	YUE, HENRY	2,355,074		
WIERLACHER, STEFAN ALOIS	2,355,933	YUGAWA, KEIKO	2,356,364		
WILKERSON, BRIAN	2,356,478	YUNG, MARCEL MORDECHAY	2,356,665		
WILKINSON, DAVID P.	2,355,110	ZAHORANSKY, ULRICH	2,356,245		
WILLERSON, JAMES T.	2,356,911	ZAIDAN HOJIN BISEIBUTSU KAGAKU KENDYU KAI	2,356,885		
WILLIAMSON, GARY S.	2,356,137	ZAQQA, NADIM	2,355,862		
WILLKENS, CRAIG A.	2,355,245	ZASK, ARIE	2,356,313		
WILSON, BRUCE B.	2,357,420	ZASK, ARIE	2,356,345		
WILSON, DAVID PAUL	2,356,521	ZBO.RCARON.IL, JOSEF	2,355,868		
WILSON, FRASER	2,355,838	ZERLING, WOLFGANG	2,355,595		
WILSON, JOHN STUART	2,355,118	ZETATRONICS LIMITED	2,356,613		
WILSON, PETER M.	2,356,890	ZHANG, JIUJUN	2,355,110		
WILSON, PHILLIP S.	2,355,884	ZHANG, KANYIN	2,355,848		
WINELL, STAFFAN	2,356,918	ZHANG, MINGHUA	2,356,954		
WINN, MARTIN	2,356,320	ZHAO, QINJIAN	2,355,680		
WINSTON, THOMAS R.	2,355,835	ZHENG, YAGUO	2,356,816		
WINTERS, HERBERT A.	2,356,835	ZHU, GUI-DONG	2,356,320		
WISCONSIN ALUMNI RESEARCH FOUNDATION	2,354,736	ZHU, YONG	2,357,046		
WISNIEWSKI, JAN	2,352,608	ZHU, YONG	2,357,047		
WITTE, DAVID H.	2,356,632	ZIEGLER, REINER	2,355,295		
WM. WRIGLEY JR. COMPANY	2,356,935	ZIMLICH, WILLIAM C., JR.	2,355,683		
WOLDEMUSSIE, ELIZABETH	2,357,014	ZIMLICH, WILLIAM C., JR.	2,356,342		
WONG, PATRICK	2,355,860	ZINGMAN, JONATHAN A.	2,356,858		
WONG, TERRY	2,356,858	ZINK, RALF	2,356,394		
WOOD, JOHN	2,355,930	ZIRVI, MONIB	2,356,697		
WOOD, WILLIAM I.	2,353,799	ZITZMANN, HEINRICH	2,356,856		
WRIGHT, ALLEN B.	2,355,609	ZIVANOVIC, IVICA	2,356,819		
WRIGHT, SCOTT E.	2,356,529				
WRONA, MARK	2,356,871				
WU, SU-SYIN	2,357,043				
WU, ZHIDAN	2,353,086				

## **Index of PCT Applications Entering the National Phase**

## Index of Canadian Divisional and Previously Unavailable Laid-Open applications

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

AGRAHARAM, SANJAY	2,356,826	MUSSO, DAVID LEE	2,355,987
ALBAS, EVREN	2,356,538	NEC CORPORATION	2,355,194
ALLIANCE COMPRESSORS	2,356,534	ORR, GLORIA FAYE	2,355,987
ARÇELIK A.S.	2,356,538	PADOVANI, ROBERTO	2,356,076
AT&T CORP.	2,350,875	PEREA, CARLOS ALBERTO	2,356,826
AT&T CORP.	2,356,826	QUALCOMM INCORPORATED	2,356,076
AT&T CORP.	2,356,828	RAMAMURTHY, RAM S.	2,356,826
BELL COMMUNICATIONS RESEARCH, INC.	2,355,318	RATHORE, RAM N. S.	2,356,828
BENVENISTE, MATHILDE	2,350,875	RESEARCH IN MOTION LIMITED	2,356,073
Bryant & May Ltd.	2,355,191	RIGDON, GREGORY COOKSEY	2,355,987
CARMELLO, SALVATORE	2,356,102	ROSEN, KENNETH H.	2,356,826
CIVANLAR, MEHMET REHA	2,356,826	SCHILLING, DONALD L.	2,354,687
COMINCO ENGINEERING SERVICES LTD.	2,356,048	SCHNELL, CHAD M.	2,356,095
COMINCO ENGINEERING SERVICES LTD.	2,356,050	SELPH, JEFFREY LEAMAN	2,355,987
COOPER, BARRETT RANDOLPH	2,355,987	SERAFETTINOGLU, A. HAKAN	2,356,538
COX, MICHAEL GRAHAM CAREY	2,355,191	SERIZAWA, MASAHIRO	2,355,194
DAVIS, GREGORY K.	2,356,095	Softell	2,356,102
DURAKBASA, OSMAN TUGRUL	2,356,538	STUNTEBECK, PETER H.	2,356,826
DUYAR, AHMET	2,356,538	STYLES, VIRGIL LEE	2,355,987
EHARA, HIROYUKI	2,356,041	SYMBOL TECHNOLOGIES, INC.	2,355,192
EHARA, HIROYUKI	2,356,049	TATOMIR, PAUL J.	2,354,251
EHARA, HIROYUKI	2,356,051	THE BOEING COMPANY	2,354,251
FIELDS, GENE M.	2,356,534	THE WELLCOME FOUNDATION LIMITED	2,355,987
GILHOUSEN, KLEIN S.	2,356,076	TYMES, LAROY	2,355,192
HASKELL, BARIN GEOFFRY	2,356,826	UTTER, ROBERT E.	2,356,534
HENRIOTT, JAY M.	2,356,095	VESEL, RICHARD	2,356,102
HILL, JOE T.	2,356,534	WANG, YANG-WEI	2,355,318
HOVEY, RICHARD REID	2,355,318	WATANABE, TAISUKE	2,356,041
INTERDIGITAL TECHNOLOGY CORPORATION	2,354,687	WATANABE, TAISUKE	2,356,049
JAIN, AJAY K.	2,356,828	WATANABE, TAISUKE	2,356,051
JONES, DAVID L.	2,356,048	WHEATLEY, CHARLES E., III	2,356,076
JONES, DAVID L.	2,356,050	WILLIAMS, JOHN R.	2,356,534
KELLEY, JAMES LEROY	2,355,987	YASUNAGA, KAZUTOSHI	2,356,041
KIMBALL INTERNATIONAL, INC.	2,356,095	YASUNAGA, KAZUTOSHI	2,356,049
KRAMER, MICHAEL	2,355,318	YASUNAGA, KAZUTOSHI	2,356,051
KUTHYAR, ASHOK K.	2,356,826		
LAZARIDIS, MIHAL	2,356,073		
LOI, KEITH N.	2,354,251		
MARKOWITZ, ROBERT EDWARD	2,356,826		
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	2,356,041		
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	2,356,049		
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	2,356,051		
MCLEAN, ED WILLIAMS	2,355,987		
MILLER, GROVER L.	2,356,095		
MORII, TOSHIYUKI	2,356,041		
MORII, TOSHIYUKI	2,356,049		
MORII, TOSHIYUKI	2,356,051		
MORTENSON, ROBERT F.	2,356,826		
MOUSSEAU, GARY P.	2,356,073		