

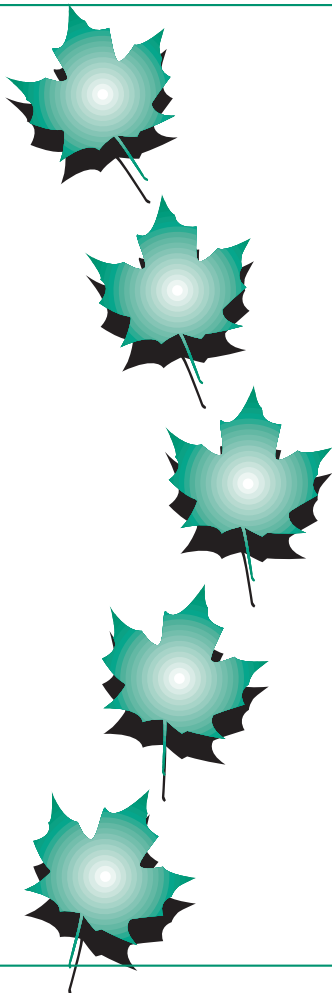


**Canadian  
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**The Patent  
Office  
Record**

**La Gazette  
du Bureau  
des brevets**

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Vol. 129, N° 29 le 17 juillet 2001

**Canada**



# THE PATENT OFFICE RECORD

## LA GAZETTE DU BUREAU DES BREVETS

David Tobin  
Commissioner of Patents

David Tobin  
Commissaire aux brevets

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

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

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

### Important Notice to Subscribers

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

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

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

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### Avis important aux abonnés

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

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

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

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## Notices

### 1. Dates and Code Numerals Appearing in Patent Headings

#### Dates

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

#### Code Numerals

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

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

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application
  
- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention
  
- [43] - Date of publication by printing or similar process of an unexamined document on which no grant has taken place on or before the said date
  
- [45] - Date of Issue
- [48] - Reissue Grant Date
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

## Avis

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

#### Dates

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

#### Chiffres de code

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

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

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
  
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la convention de Paris
  
- [43] - Date de publication, par impression ou par un procédé similaire, d'un document non examiné, n'ayant encore donné lieu à la délivrance d'aucun titre à la date en question ou avant
  
- [45] - Date de délivrance
- [48] - Date de redélivrance
- [51] - Classification internationale
- [52] - Classification nationale
- [54] - Titre de l'invention
- [60] - Apparenté par divulgation supplémentaire
- [62] - Apparenté par division
- [64] - Apparenté par redélivrance
- [71] - Noms(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

## Avis

### 2. Country Code

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

### 3. Canadian Class Titles

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

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

### 4. Class Schedules and Definitions

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

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

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

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

### 2. Code des pays

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

### 3. Liste des classes canadiennes

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

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

### 4. Listes et définitions des classes

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

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

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

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

## Notices

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

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

### 7. Advice on Making a Patent Application

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

### 8. Licensing of Patents

#### Voluntary Licences

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

#### Compulsory Licences

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

### 9. Patents Available for Licence or Sale

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

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

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

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

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

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

#### Licences librement accordées

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

#### Licences obligatoires

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

### 9. Brevets disponibles pour licence ou vente

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

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

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

**2,177,014**

## 11. Expired Patents

For patent applications filed before October 1, 1989, the life of a Canadian patent is 17 years. Consequently all Canadian patents up to and including No. 1,171,200 which issued on July 17, 1984 have now expired. The inventions covered by these and all earlier patents may now be used by the public in Canada provided other unexpired patents are not infringed.

## 12. Laid-Open Applications

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

## 13. Language of Published Documents

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

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

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

**2,177,014**

## 11. Brevets expirés

Pour toutes les demandes de brevet déposées avant le 1er octobre 1989, la durée d'un brevet canadien est de 17 ans. Par conséquent, tous les brevets canadiens qui ont été délivrés le 17 juillet 1984 sont maintenant expirés, jusque et y compris le no. 1,171,200. Les inventions faisant l'objet de ces brevets et de tout brevet antérieur peuvent maintenant être utilisées par le public au Canada, pourvu qu'il n'y ait pas contre façon d'autres brevets non expirés.

## 12. Demandes mises à la disponibilité du public

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

## 13. Langue du document publié

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

## Notices

### 14. Patent Cooperation Treaty (PCT)

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

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

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

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

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

#### Preliminary Examination

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

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

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

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

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

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

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

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

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

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

#### Examen préliminaire

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

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

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

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



## Avis

### 15. PCT Notices

#### PCT Signature Requirements

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

#### Patent Cooperation Treaty (PCT)

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

#### Erratum

In the Canadian Patent Office Record volume 129 edition no. 26 under "Canadian Patents Issued" an error was made in the information listed under patent number 1,341,263. The application number should have read 581,654.

### 16. Lay-Open Applications

The Patent Office Record of July 17, 2001 contains laid-open applications from June 24, 2001 - June 30, 2001.

### 15. Avis PCT

#### Exigences des signatures du PCT

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

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

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

#### Erratum

Dans la publication de la Gazette du bureau des brevets, volume 129 édition numéro 26, sous la rubrique "Brevets canadiens délivrés" une erreur a été inscrite sous le brevets 1,341,263. Le numéro d'application aurait dû se lire 581,654.

### 16. Demandes Canadiennes mises à la disponibilité du public

Ce numéro de la Gazette des brevets du Canada contient les demandes disponibles au public pour consultation pour la période du 24 juin 2001 - 30 juin 2001.

# Canadian Patents Issued

July 17, 2001

## Brevets canadiens délivrés

17 juillet 2001

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[11] **2,001,490**  
[13] C  
[51] **Int.Cl. 5G03G 9/125 5C07C 15/02**  
[25] EN  
[54] **DEVELOPING SOLVENT FOR LAYERS WHICH ARE CROSSLINKABLE BY PHOTOPOLYMERIZATION AND PROCESS FOR THE PRODUCTION OF RELIEF FORMS**  
[54] **MISE AU POINT D'UN SOLVANT POUR COUCHES RETICULABLES PAR PHOTOPOLYMERISATION; METHODE POUR L'OBTENTION DE FORMES EN RELIEF**  
[72] Schlosser, Hans-Joachim, DE  
[72] Schoen, Guenther, DE  
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[22] 1989-10-25  
[30] DE (P 38 36 403.4) 1988-10-26

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[11] **2,002,494**  
[13] C  
[51] **Int.Cl. 5C07C 29/48**  
[25] EN  
[54] **OXIDATION OF SATURATED HYDROCARBON CHAINS**  
[54] **OXYDATION DES CHAINES D'HYDROCARBURE SATURE**  
[72] Huybrechts, Diana R. C., BE  
[73] EXXONMOBIL CHEMICAL PATENTS INC., US  
[22] 1989-11-08  
[30] BE (08801275) 1988-11-08

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[11] **2,005,252**  
[13] C  
[51] **Int.Cl. 5C12N 15/10 6C07K 19/00 5C07H 21/02 5C12N 15/62 5C12N 15/63**  
[25] EN  
[54] **ISOLATION OF FULL-LENGTH CDNA CLONES AND CAPPED MRNA**  
[54] **ISOLEMENT DE CLONES D'ADN-C PLEINE LONGUEUR ET DE MRNA CHAPEAUTES**  
[72] Sonenberg, Nahum, CA  
[72] Edery, Isaac, CA  
[72] Altmann, Michael, CH  
[73] Royal Institution for the Advancement Learning (McGill University), CA  
[22] 1989-12-12  
[30] US (283,677) 1988-12-13

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[13] C  
[51] **Int.Cl. 5B41M 3/12 5D06Q 1/00 5D06Q 1/14**  
[25] EN  
[54] **FLOCK APPLIQUE AND TRANSFERS AND METHOD FOR MAKING SAME**  
[54] **METHODE DE TRANSFERTS ET D'IMPRESSION AU FLOPAGE**  
[72] Abrams, Louis Brown, US  
[72] Arzberger, Gerhard, US  
[73] High Voltage Graphics, Inc., US  
[22] 1990-02-14  
[30] US (07/309,850) 1989-02-14

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[11] **2,011,386**  
[13] C  
[51] **Int.Cl. 5E02D 5/08**  
[25] EN  
[54] **IN-GROUND BARRIER**  
[54] **ENCEINTE DE CONFINEMENT SOUTERRAINE**  
[72] Vales, Enoch Sam, CA  
[73] University of Waterloo, CA  
[22] 1990-03-02  
[30] GB (89 04845.8) 1989-03-03

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[11] **2,016,039**  
[13] C  
[51] **Int.Cl. 5A61K 9/32**  
[25] EN  
[54] **EXTENDED RELEASE PHARMACEUTICAL FORMULATIONS**  
[54] **FORMULES PHARMACEUTIQUES A DELITEMENT PROGRESSIF**  
[72] Paradissis, George N., US  
[72] Whaley, Roy S., US  
[72] Garegnani, James A., US  
[73] KV Pharmaceutical Company, US  
[22] 1990-05-03  
[30] US (07/349,533) 1989-05-05  
[30] US (07/469,210) 1990-01-24

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[13] C  
[51] **Int.Cl. 5C04B 35/66 5F27D 1/16**  
[25] EN  
[54] **CERAMIC WELDING PROCESS AND POWDER MIXTURE FOR USE IN SAME**  
[54] **METHODE DE SOUDAGE DE MATIERE CERAMIQUE ET POUDRES MIXTES CONNEXES**  
[72] Zvosec, Charles Michaël, US  
[72] Mottet, Léon Philippe, US  
[72] Robyn, Pierre, BE  
[72] Moreau, Jean, BE  
[72] Marcke de Lummen, Guy Van, BE  
[72] Zivkovic, Alexandre, BE  
[72] Cherico, Stephen D., US  
[73] Fosbel International Ltd., GB  
[73] Glaverbel, BE  
[22] 1990-05-28  
[30] GB (89 16 951.0) 1989-07-25

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[11] **2,017,827**  
[13] C  
[51] Int.Cl. 5C08L 77/00 5C08L 39/06  
**5D01F 6/90**  
[25] EN  
[54] PVP/PARA-ARAMID FIBERS AND  
PROCESS FOR MAKING THEM  
[54] FIBRES DE PVP/PARA-ARAMIDE;  
METHODE DE PREPARATION  
[72] Lee, Kiu-Seung, US  
[73] DU PONT (E. I.) DE NEMOURS AND  
COMPANY, US  
[22] 1990-05-30  
[30] US (361,411) 1989-06-05

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[11] **2,018,455**  
[13] C  
[51] Int.Cl. 5B65B 31/00  
[25] EN  
[54] VACUUM PACKAGING METHOD  
AND APPARATUS  
[54] DISPOSITIF D'EMBALLAGE SOUS  
VIDE ET METHODE CONNEXE  
[72] Brembilla, Sandro, IT  
[72] Romani, Mario, IT  
[73] CRYOVAC, INC., US  
[22] 1990-06-07  
[30] GB (8919523.4) 1989-08-29

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[11] **2,019,546**  
[13] C  
[51] Int.Cl. 5C07C 67/52 5C07C 69/76  
**5C08G 63/80**  
[25] EN  
[54] PROCESS FOR  
CRYSTALLIZATION OF  
POLYETHYLENE NAPHTHALATE  
[54] METHODE DE CRISTALLISATION  
DE POLY(NAPHTALATE  
D'ETHYLENE)  
[72] Duh, Ben, US  
[73] SHELL CANADA LIMITED, CA  
[22] 1990-06-21  
[30] US (408,354) 1989-09-18

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[11] **2,021,913**  
[13] C  
[51] Int.Cl. 5G01N 29/04 5G01M 13/00  
[25] EN  
[54] ROTOR BORE INSPECTION  
SYSTEM  
[54] SYSTEME DE CONTROLE  
D'ALESAGE  
[72] Alford, James Warren, US  
[72] Rethage, Wilbert B., US  
[72] Lutz, William, US  
[72] Guenther, Paul, US  
[72] Berryman, Vincent Jr., US  
[72] Marfin, Alan A., US  
[72] Bosco, Patricia Ann, US  
[72] Fisher, Mark William, US  
[73] WESTINGHOUSE ELECTRIC  
CORPORATION, US  
[22] 1990-07-25  
[30] US (385,865) 1989-07-26

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[11] **2,022,349**  
[13] C  
[51] Int.Cl. 5C08L 67/04 5C08F 8/00  
[25] EN  
[54] PEROXIDE MASTERBATCHES  
USING POLYCAPROLACTONE AS THE  
CARRIER  
[54] MELANGE MERE DE PEROXYDE  
UTILISANT UN  
POLYCAPROLACTANE COMME  
VEHICULE  
[72] Stein, Daryl L., US  
[73] ATOCHEM NORTH AMERICA INC.,  
US  
[22] 1990-07-31  
[30] US (420,843) 1989-10-13

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[11] **2,022,982**  
[13] C  
[51] Int.Cl. 5C07C 2/66 5C07C 15/067  
[25] EN  
[54] TRANSALKYLATION PROCESS  
[54] PROCEDE DE  
TRANSALKYLATION  
[72] Butler, James R., US  
[73] Fina Technology, Inc., US  
[22] 1990-08-09

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[11] **2,024,719**  
[13] C  
[51] Int.Cl. 5G01B 17/00  
[25] EN  
[54] ULTRASONIC SYSTEM FOR  
DETERMINING THE PROFILE OF  
SOLID BODIES  
[54] PROFILOMETERIE  
ULTRASONORE  
[72] Metala, Michael Joseph, US  
[72] Fair, Michael Francis, US  
[72] Burtner, Lee Wayne, US  
[73] WESTINGHOUSE ELECTRIC  
CORPORATION, US  
[22] 1990-09-06  
[30] US (404,136) 1989-09-07

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[11] **2,025,421**  
[13] C  
[51] Int.Cl. 5F16D 51/24 5F16D 51/20  
[25] EN  
[54] LEADING/TRAILING DRUM  
BRAKE HAVING SERVO PARKING  
BRAKE  
[54] FREIN A TAMBOUR A SEGMENTS  
PRIMAIRE ET SECONDAIRE  
COMPORTANT UN SERVO-FREIN DE  
STATIONNEMENT  
[72] Evans, Anthony C., US  
[73] Kelsey-Hayes Company, US  
[22] 1990-09-14  
[30] US (408,857) 1989-09-18

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[11] **2,026,335**  
[13] C  
[51] Int.Cl. 5C23G 5/036 5C23G 5/032  
**5H05K 3/26**  
[25] EN  
[54] FURFURYL ALCOHOL MIXTURES  
FOR USE AS CLEANING AGENTS  
[54] MELANGES DE FURFURYL  
ALCOOL ET LEUR UTILISATION  
COMME AGENTS NETTOYANTS  
[72] Bixenman, Michael L., US  
[72] Wolf, George C., US  
[73] Delco Electronics Corporation, US  
[73] Kyzen Corporation, US  
[22] 1990-09-27  
[30] US (414,011) 1989-09-29  
[30] US (586,080) 1990-09-21

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[11] **2,026,605**  
[13] C

[51] **Int.Cl. 5H01L 21/465**  
[25] EN  
[54] **MULTI-LEVEL  
INTERCONNECTION CMOS DEVICES  
INCLUDING SOG**  
[54] **DISPOSITIFS CMOS A  
INTERCONNEXION MULTINIVEAU A  
COUCHES SPIN SUR VERRE**  
[72] Ouellet, Luc, CA  
[73] MITEL CORPORATION, CA  
[22] 1990-10-01

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[11] **2,027,146**  
[13] C

[51] **Int.Cl. 5C07F 7/00 5C08F 4/64**  
[25] EN  
[54] **PROCESS AND CATALYST FOR  
PRODUCING SYNDIOTACTIC  
POLYMERS**  
[54] **METHODE ET CATALYSEUR  
POUR LA PREPARATION DE  
POLYMERES SYNDIOTACTIQUES**  
[72] Razavi, Abbas, BE  
[73] Fina Technology, Inc., US  
[22] 1990-10-09  
[30] US (418,497) 1989-10-10  
[30] US (418,846) 1989-10-10  
[30] US (418,886) 1989-10-10  
[30] US (419,157) 1989-10-10

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[11] **2,028,506**  
[13] C

[51] **Int.Cl. 5H01S 3/07 5H01S 3/091**  
[25] EN  
[54] **OPTICAL MULTILAYER  
STRUCTURES FOR HARMONIC  
LASER EMISSION**  
[54] **STRUCTURES OPTIQUES  
MULTICOUCHE POUR LASER  
HARMONIQUE**  
[72] Normandin, Richard J. F., CA  
[72] Letourneau, Sylvie, CA  
[72] Chatenoud, Françoise, FR  
[72] Williams, Robin L., CA  
[73] Normandin, Richard J. F., CA  
[73] Letourneau, Sylvie, CA  
[73] Chatenoud, Françoise, FR  
[73] Williams, Robin L., CA  
[22] 1990-10-25

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[11] **2,029,006**  
[13] C

[51] **Int.Cl. 5C07J 19/00 5C12N 11/10  
5C07H 15/26**  
[25] EN  
[54] **DICARBOXYLIC ACID  
OXIDATION PRODUCTS**  
[54] **PRODUITS D'OXYDATION D'UN  
ACIDE DICARBOXYLIQUE**  
[72] Detty, Michael R., US  
[72] Danielson, Susan J., US  
[73] EASTMAN KODAK COMPANY, US  
[22] 1990-10-30  
[30] US (558,919) 1990-07-27

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[11] **2,029,021**  
[13] C

[51] **Int.Cl. 5C07F 7/10 5C22B 3/42 5C22B  
3/44**  
[25] EN  
[54] **PYRIDINE-CONTAINING  
ALKOXYLANES BONDED TO  
INORGANIC SUPPORTS AND  
PROCESSES OF USING THE SAME  
FOR REMOVING AND  
CONCENTRATING DESIRED IONS  
FROM SOLUTIONS**  
[54] **ALKOXYLANES CONTENANT  
DE LA PYRIDINE, LIES A DES  
SUPPORTS INORGANIQUES, ET  
PROCEDES POUR LEUR UTILISATION  
PERMETTANT D'ELIMINER ET DE  
CONCENTRER DES IONS  
PARTICULIERS CONTENUS DANS DES  
SOLUTION**  
[72] Bradshaw, Jerald S., US  
[72] Tarbet, Bryon J., US  
[72] Bruening, Ronald L., US  
[72] Izatt, Reed M., US  
[72] Krakowiak, Krzysztof E., US  
[73] Brigham Young University, US  
[22] 1990-10-31  
[30] US (07/432,199) 1989-11-06

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[11] **2,029,153**  
[13] C

[51] **Int.Cl. 5C07F 7/00 5C07F 9/00 5C07F  
11/00**  
[25] EN  
[54] **PROCESS FOR THE  
PREPARATION OF METALLOCENES**  
[54] **PROCEDE POUR LA  
PREPARATION DE METALLOCENES**  
[72] Razavi, Abbas, BE  
[73] Fina Research, S.A., BE  
[22] 1990-11-01

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[11] **2,031,525**  
[13] C

[51] **Int.Cl. 5B65D 47/06**  
[25] EN  
[54] **DRINKING/DISPENSING DEVICE  
FOR BEVERAGE CONTAINERS**  
[54] **CHALUMEAU POUR CANNETTE  
DE BOISSON**  
[72] Murphy, Peter F., US  
[72] Kurtz, James H., Jr., US  
[73] Murphy, Peter F., US  
[73] Kurtz, James H., Jr., US  
[85] 1990-12-24  
[86] 1990-05-02 (PCT/US90/02441)  
[87] (WO90/13491)  
[30] US (347,171) 1989-05-03

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[11] **2,032,501**  
[13] C

[51] **Int.Cl. 5C09D 101/02 5B05D 1/02  
5A01G 13/02 5E04B 1/16 5C09D 101/26**  
[25] EN  
[54] **SPRAYABLE COMPOSITION**  
[54] **COMPOSITION POUR  
REVETEMENT PAR PROJECTION**  
[72] Nachtmann, Thomas, US  
[72] Hull, John, US  
[72] O'Shea, Patrick, US  
[73] Newwastecon, Inc., US  
[85] 1991-01-09  
[86] 1990-05-10 (PCT/US90/02691)  
[87] (WO90/13598)  
[30] US (350,599) 1989-05-10

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[11] **2,033,009**  
[13] C

[51] **Int.Cl. 5B22D 41/16 5B22D 41/08  
5B22D 41/20**  
[25] EN  
[54] **METAL CASTING APPARATUS**  
[54] **APPAREIL SERVANT A LA  
COULEE DES METAUX**  
[72] Brown, Charles Daniel, GB  
[72] O'Sullivan, Denis, GB  
[73] CAPITAL REFRACTORIES LIMITED,  
GB  
[22] 1990-12-21  
[30] GB (89.29193.4) 1989-12-27

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[11] **2,034,025**  
[13] C  
[51] **Int.Cl. 5A61K 47/44 5A61K 9/08**  
[25] EN  
[54] **FLUID OPHTHALMIC COMPOSITION BASED ON LIPID MICROPARTICLES CONTAINING AT LEAST ONE ACTIVE PRINCIPLE**  
[54] **COMPOSITION LIQUIDE A USAGE OPHTALMIQUE A BASE DE MICROPARTICULES LIQUIDES CONTENANT AU MOINS UN PRINCIPE ACTIF**  
[72] Rozier, Annouk, FR  
[73] Laboratoires Merck Sharp & Dohme-Chibret, FR  
[22] 1991-01-11  
[30] FI (9000340) 1990-01-12

[11] **2,034,197**  
[13] C  
[51] **Int.Cl. 5C07H 21/00 5A61K 47/48 5A61K 31/70**  
[25] EN  
[54] **CONJUGATES OF BIOLOGICALLY STABLE POLYMERS AND POLYNUCLEOTIDES FOR TREATING SYSTEMIC LUPUS ERYTHEMATOSUS**  
[54] **CONJUGATS DE POLYMERES BIOLOGIQUEMENT STABLES ET POLYNUCLEOTIDES POUR LE TRAITEMENT DU LUPUS ERYTHEMATOSUS SYSTEMIQUE**  
[72] Conrad, Michael J., US  
[72] Coutts, Stephen, US  
[73] LA JOLLA PHARMACEUTICAL COMPANY, US  
[22] 1991-01-15  
[30] US (466,138) 1990-01-16  
[30] US (494,118) 1990-03-13

[11] **2,035,689**  
[13] C  
[51] **Int.Cl. 5B65D 47/34**  
[25] FR  
[54] **PROCEDE DE PULVERISATION A L'AIDE D'UN VAPORISATEUR A POMPE MANUELLE ET VAPORISATEUR A POMPE MANUELLE POUR LA MISE EN OEUVRE DU PROCEDE**  
[54] **ATOMIZING PROCESS, USING A MANUAL PUMP VAPORIZER, AND SAID VAPORISER**  
[72] Baudin, Gilles, FR  
[73] L'OREAL, FR  
[22] 1991-02-05  
[30] FR (90 04 994) 1990-04-19

[11] **2,036,437**  
[13] C  
[51] **Int.Cl. 5F23N 3/00 5F23D 14/22**  
[25] EN  
[54] **DIRECT GAS-FIRED INDUSTRIAL AIR HEATER BURNER**  
[54] **BRULEUR A GAZ INDUSTRIEL A CHAUFFAGE DIRECT AU GAZ**  
[72] Potter, Gary J., US  
[72] Reinkemeyer, Robert W., US  
[72] Heitmann, Clifford L., US  
[73] Cambridge Engineering, Inc., US  
[22] 1991-02-15  
[30] US (480,888) 1990-02-16

[11] **2,036,554**  
[13] C  
[51] **Int.Cl. 5B29C 47/06 5B29C 55/12 5C08J 3/28**  
[25] EN  
[54] **COOK-IN FILM WITH IMPROVED SEAL STRENGTH**  
[54] **PELLICULE A CUISSON A ETANCHEITE AMELIOREE**  
[72] Friedrich, Steven George, US  
[73] CRYOVAC, INC., US  
[22] 1991-02-18  
[30] US (498,175) 1990-03-23  
[30] US (640,200) 1991-01-10

[11] **2,041,985**  
[13] C  
[51] **Int.Cl. 5F23C 9/00 5F27B 15/02 5F23C 11/02 5F27B 15/09**  
[25] EN  
[54] **FLUIDIZED BED COMBUSTION SYSTEM AND PROCESS FOR OPERATING SAME**  
[54] **SYSTEME DE COMBUSTION EN LIT FLUIDISE ET PROCEDE D'EXPLOITATION CONNEXE**  
[72] Dietz, David H., US  
[73] FOSTER WHEELER ENERGY CORPORATION, US  
[22] 1991-05-07  
[30] US (537,397) 1990-06-12

[11] **2,042,010**  
[13] C  
[51] **Int.Cl. 5F26B 23/04**  
[25] EN  
[54] **RADIO FREQUENCY VENEER DRYER**  
[54] **SECHOIR CONTINU A PLACAGES**  
[72] Erz, Joseph M., US  
[72] Miller, Bruce G., US  
[72] Gribskov, Craig A., US  
[73] Production Machinery, Inc., US  
[22] 1991-05-07  
[30] US (07/643,039) 1991-01-18

[11] **2,042,054**  
[13] C  
[51] **Int.Cl. 5C12N 15/55 5C12N 1/15 5C12N 9/16 5A23K 1/165 5C12N 1/19 5C12N 15/80**  
[25] EN  
[54] **CLONING AND EXPRESSION OF MICROBIAL PHYTASE**  
[54] **CLONAGE ET EXPRESSION DE LA PHYTASE MICROBIENNE**  
[72] Van Gorcom, Robert F. M., NL  
[72] Van Hartingsveldt, Willem, NL  
[72] Van Paridon, Petrus A., NL  
[72] Veenstra, Annemarie E., NL  
[72] Luiten, Rudolf G. M., NL  
[72] Selten, Gerardus C. M., NL  
[73] DSM N.V., NL  
[85] 1991-05-22  
[86] 1990-09-27 (PCT/NL90/00140)  
[87] (WO91/05053)  
[30] EP (89202436.5) 1989-09-27  
[30] EP (90202231.8) 1990-08-17

[11] **2,042,117**  
[13] C  
[51] **Int.Cl. 5B61D 3/10 5B61G 5/02**  
[25] EN  
[54] **BEARING ASSEMBLY FOR AN ARTICULATED COUPLING APPARATUS WHICH CONNECTS ADJACENT ENDS OF A PAIR OF RAILWAY CARS TOGETHER**  
[54] **SUPPORT D'ATTELAGE ARTICULE DE MATERIEL FERROVIAIRE**  
[72] Wallace, William D., US  
[72] Lynch, Edward G., Jr., US  
[72] Daugherty, David W., Jr., US  
[72] Kanjo, Wajih, US  
[72] Hawryszkow, Micheal G., US  
[73] WESTINGHOUSE AIR BRAKE COMPANY, US  
[73] SARGENT INDUSTRIES, INC., US  
[22] 1991-05-08  
[30] US (521,861) 1990-05-08

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[11] **2,042,505**  
[13] C

[51] **Int.Cl. 5A01N 39/00**  
[25] EN  
[54] **HERBICIDAL COMBINATION COMPRISING 2-CHLORO-6-NITRO-3-PHENOXYANILINE AND AT LEAST ONE HERBICIDE SELECTED FROM AMONGST BROMOXYNIL OR IOXYNIL OR ONE OF THEIR DERIVATIVES**  
[54] **COMBINAISON DE PRODUITS HERBICIDES COMPRENANT DE LA 2-CHLORO-6-NITRO-3-PHENOXYANILINE ET AU MOINS UN HERBICIDE CHOISI PARMIS LE BROMOXYNIL OU L'IOXYNIL OU UN DE LEURS DERIVES**  
[72] Bernard, Thierry, FR  
[73] RHONE-POULENC AGROCHIMIE, FR  
[22] 1991-05-14  
[30] FR (90 06209) 1990-05-14

[11] **2,043,108**  
[13] C

[51] **Int.Cl. 5C07C 51/12 5C07C 57/30**  
[25] EN  
[54] **METHOD FOR PRODUCING IBUPROFEN**  
[54] **METHODE DE PRODUCTION D'IBUPROFENE**  
[72] Hendricks, Joel D., US  
[72] Mott, Graham N., US  
[73] BASF CORPORATION, US  
[22] 1991-05-23  
[30] US (533,630) 1990-06-04

[11] **2,043,354**  
[13] C

[51] **Int.Cl. 5H04M 1/00**  
[25] FR  
[54] **POSTE TELEPHONIQUE A SPECIFICATIONS ADAPTABLES**  
[54] **ADJUSTABLE CHARACTERISTICS TELEPHONE SET**  
[72] Veislinger, Yves, FR  
[72] Raymond, Françoise, FR  
[72] Malaurie, Claude, FR  
[73] ALCATEL, N.V., NL  
[22] 1991-05-28  
[30] FR (90 06 785) 1990-05-31

[11] **2,043,393**  
[13] C

[51] **Int.Cl. 5D06F 37/20 5D06F 39/12**  
[25] EN  
[54] **APPLIANCE MANUFACTURING AND TRANSPORT FIXTURE**  
[54] **ACCESSOIRE DE CHAINE DE MONTAGE**  
[72] Sparks, Gene A., US  
[72] Staun, Paul R., US  
[72] Flam, Steve A., US  
[73] Whirlpool Corporation, US  
[22] 1991-05-28  
[30] US (532,315) 1990-06-01

[11] **2,049,901**  
[13] C

[51] **Int.Cl. 5A01B 59/042**  
[25] EN  
[54] **IMPLEMENT LOCK-UP SYSTEM WITH SHOCK-ABSORBING CUSHION SPRINGS**  
[54] **SYSTEME DE VERROUILLAGE D'EQUIPEMENTS AUXILIAIRES AVEC RESSORTS AMORTISSEURS**  
[72] Davidson, Gregory L., US  
[73] Summers Manufacturing Company, Inc., US  
[22] 1991-08-26  
[30] US (729,358) 1991-07-12

[11] **2,051,889**  
[13] C

[51] **Int.Cl. 5B29C 65/40 5B65D 53/06**  
[25] EN  
[54] **CONTAINER CLOSURES AND PROCESSES OF MAKING THEM**  
[54] **DISPOSITIF D'ETANCHEIFICATION DE CONTENANT ET PROCEDES DE FABRICATION**  
[72] White, Steven Andrew Carl, GB  
[73] W.R. GRACE & CO.-CONN., US  
[22] 1991-09-19  
[30] GB (9021167.3) 1990-09-28

[11] **2,052,042**  
[13] C

[51] **Int.Cl. 5G01F 23/30 5G01N 9/12**  
[25] EN  
[54] **LOW SALT LEVEL SENSOR**  
[54] **DETECTEUR DE NIVEAU DE SEL REDUIT**  
[72] Rak, Stanley F., US  
[73] CULLIGAN INTERNATIONAL COMPANY, US  
[22] 1991-09-23  
[30] US (586,290) 1990-09-21

[11] **2,052,211**  
[13] C

[51] **Int.Cl. 5C08G 69/00**  
[25] EN  
[54] **PREPARATION OF POLYAMIDES FROM OMEGA-AMINONITRILES**  
[54] **OBTENTION DE POLYAMIDES A PARTIR D'OMEGA-AMINONITRILES**  
[72] Marks, David N., US  
[73] DU PONT (E. I.) DE NEMOURS AND COMPANY, US  
[22] 1991-09-25  
[30] US (07/591,191) 1990-10-04

[11] **2,052,314**  
[13] C

[51] **Int.Cl. 5H04L 27/32**  
[25] EN  
[54] **SPREAD SPECTRUM COMMUNICATIONS SYSTEM**  
[54] **SYSTEME DE COMMUNICATION A ETALEMENT DE BANDE**  
[72] Partyka, Andrzej, US  
[72] Crowley, Lee F., US  
[73] PITTWAY CORPORATION, US  
[22] 1991-09-26  
[30] US (07/589,323) 1990-09-27

[11] **2,052,881**  
[13] C

[51] **Int.Cl. 5G06F 15/76**  
[25] EN  
[54] **VERTICALLY INTERCONNECTED PARALLEL DISTRIBUTED PROCESSOR**  
[54] **PROCESSEUR REPARTI PARALLELE INTERCONNECTE VERTICALEMENT**  
[72] Ovshinsky, Stanford R., US  
[72] Wicker, Guy, US  
[73] ENERGY CONVERSION DEVICES, INC., US  
[22] 1991-10-07  
[30] US (594,387) 1990-10-05

[11] **2,053,452**  
[13] C

[51] **Int.Cl. 5F26B 5/00**  
[25] EN  
[54] **CONTINUOUSLY OPERATING DRUM-TYPE PRESS DRIER**  
[54] **SECHEUSE A TAMBOUR DE FONCTIONNEMENT CONTINU**  
[72] Saalasti, Teijo, FI  
[73] Saalasti, Teijo, FI  
[22] 1991-10-15  
[30] FI (905134) 1990-10-18

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[11] **2,055,615**  
[13] C

[51] **Int.Cl. 5C12P 21/08 5A61K 39/395**  
[25] EN  
[54] **MONOCLONAL ANTIBODIES FOR INDUCING TOLERANCE**  
[54] **ANTICORPS MONOCLONAUX POUR INDUIRE LA TOLERANCE**  
[72] Cobbold, Stephen Paul, GB  
[72] Waldmann, Herman, GB  
[73] Wellcome Foundation Limited (The), GB  
[85] 1991-11-22  
[86] 1990-05-31 (PCT/GB90/00840)  
[87] (WO90/15152)  
[30] GB (8912497.8) 1989-05-31

[11] **2,055,800**  
[13] C

[51] **Int.Cl. 5C08J 3/14**  
[25] EN  
[54] **METHOD FOR IMPROVING POWDER CHARACTERISTICS**  
[54] **METHODE UTILISEE POUR AMELIORER LES CARACTERISTIQUES DE LA POUDRE**  
[72] Yamamoto, Naoki, JP  
[72] Yanagase, Akira, JP  
[72] Iwasaki, Tadashi, JP  
[72] Itoh, Masakazu, JP  
[73] Mitsubishi Rayon Co., Ltd., JP  
[22] 1991-11-19  
[30] JP (02-315560) 1990-11-20  
[30] JP (02-315561) 1990-11-20

[11] **2,056,399**  
[13] C

[51] **Int.Cl. 5G01N 3/32**  
[25] EN  
[54] **ARRANGEMENT FOR MEASURING MECHANICAL PROPERTIES OF A FOIL MATERIAL**  
[54] **DISPOSITIF PERMETTANT DE MESURER LES PROPRIETES MECANIKES D'UN MATERIAU EN FEUILLE**  
[72] Pettersson, Thorulf, SE  
[72] Anttila, Jorma, SE  
[73] STFI, SE  
[85] 1991-11-28  
[86] 1991-03-21 (PCT/SE91/00222)  
[87] (WO91/15764)  
[30] SE (9001162-8) 1990-03-30

[11] **2,057,197**  
[13] C

[51] **Int.Cl. 5B22C 15/08**  
[25] EN  
[54] **COMPRESSED AIR BLOWING APPARATUS FOR USE IN GREEN SAND MOLD MOLDING FACILITY**  
[54] **SOUFFLEUR D'AIR COMPRI ME POUR APPAREIL DE MOULAGE EN SABLE VERT**  
[72] Oishi, Ukichi, JP  
[73] Sintokogio Ltd., JP  
[22] 1991-12-06  
[30] JP (02-403415) 1990-12-14  
[30] JP (02-403417) 1990-12-14

[11] **2,060,310**  
[13] C

[51] **Int.Cl. 5G10L 5/00 5G10L 9/18**  
[25] EN  
[54] **DIGITAL SPEECH CODER WITH VECTOR EXCITATION SOURCE HAVING IMPROVED SPEECH QUALITY**  
[54] **CODEUR DE PAROLES NUMERIQUE A QUALITE VOCALE AMELIORE UTILISANT UNE SOURCE D'EXCITATION VECTORIELLE**  
[72] Gerson, Ira Alan, US  
[73] MOTOROLA, INC., US  
[85] 1991-12-13  
[86] 1990-05-02 (PCT/US90/02469)  
[87] (WO91/01545)  
[30] US (370,541) 1989-06-23

[11] **2,061,067**  
[13] C

[51] **Int.Cl. 5G01S 5/02**  
[25] EN  
[54] **GLOBAL POSITIONING SYSTEM RECEIVER DIGITAL PROCESSING TECHNIQUE**  
[54] **METHODE DE TRAITEMENT NUMERIQUE POUR RECEPTEUR DE SYSTEME DE POSITIONNEMENT GLOBAL**  
[72] Lorenz, Robert G., US  
[72] Helkey, Roger J., US  
[72] Abadi, Kamran K., US  
[73] MAGELLAN CORPORATION, US  
[22] 1992-02-12  
[30] US (07/683,608) 1991-04-10

[11] **2,063,150**  
[13] C

[51] **Int.Cl. 5C09D 5/23 5C09D 201/00**  
[25] EN  
[54] **MAGNETIC PAINT MATERIAL AND PROCESS FOR PRODUCING THE SAME**  
[54] **MATERIAU DE PEINTURE MAGNETIQUE ET PROCEDE DE FABRICATION CONNEXE**  
[72] Nishimura, Akihiro, JP  
[72] Hayashi, Kazuyuki, JP  
[72] Iwasaki, Keisuke, JP  
[72] Tanaka, Yasuyuki, JP  
[72] Itamochi, Hiroko, JP  
[73] Toda Kogyo Corp., JP  
[22] 1992-03-16  
[30] JP (80876/91) 1991-03-18  
[30] JP (246576/91) 1991-08-30  
[30] JP (280707/91) 1991-09-30

[11] **2,064,381**  
[13] C

[51] **Int.Cl. 5G09G 5/00**  
[25] FR  
[54] **PROCEDE ET SYSTEME DE TRAITEMENT D'IMAGES**  
[54] **IMAGE PROCESSING METHOD AND SYSTEM**  
[72] Souviron, Marc, FR  
[73] SYNELEC TELECOM MULTIMEDIA, FR  
[22] 1992-03-27

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[11] **2,065,040**  
[13] C

[51] **Int.Cl. 5A61K 31/195**  
[25] EN  
[54] **ARGININE ANTAGONISTS FOR INHIBITION OF SYSTEMIC HYPOTENSION ASSOCIATED WITH NITRIC OXIDE PRODUCTION OR ENDOTHELIAL DERIVED RELAXING FACTOR**  
[54] **ANTAGONISTES DE L'ARGININE POUR REDUIRE L'HYPOTENSION ASSOCIEE A LA PRODUCTION D'OXYDE NITRIQUE OU A UN FACTEUR DE RELAXATION DERIVE DE L'ENDOTHELIUM**  
[72] Kilbourn, Robert G., US  
[72] Gross, Steven S., US  
[72] Levi, Roberto, US  
[72] Griffith, Owen W., US  
[72] Lodato, Robert F., US  
[73] CORNELL RESEARCH FOUNDATION, INC., US  
[73] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US  
[85] 1992-02-18  
[86] 1990-09-13 (PCT/US90/05199)  
[87] (WO91/04024)  
[30] US (07/406,909) 1989-09-13

[11] **2,067,760**  
[13] C

[51] **Int.Cl. 5B65D 35/52 5B65D 47/44**  
[25] FR  
[54] **DISPOSITIF DISTRIBUTEUR A FERMETURE AUTOMATIQUE POUR RECIPIENT CONTENANT UN PRODUIT LIQUIDE OU PATEUX**  
[54] **AUTOMATIC CLOSING DISTRIBUTOR DEVICE FOR LIQUID OR PASTY PRODUCT CONTAINER**  
[72] De Laforcade, Vincent, FR  
[73] L'OREAL, FR  
[85] 1992-04-13  
[86] 1991-08-27 (PCT/FR91/00692)  
[87] (WO92/04244)  
[30] FR (90 10 764) 1990-08-29

[11] **2,068,097**  
[13] C

[51] **Int.Cl. 5F01L 3/02**  
[25] EN  
[54] **LIGHTWEIGHT COMPOSITE ENGINE VALVE**  
[54] **SOUPAPE COMPOSITE LEGERE POUR MOTEUR**  
[72] Fontichiaro, Dominic, US  
[73] FORD MOTOR COMPANY OF CANADA LIMITED, CA  
[22] 1992-05-06  
[30] US (07/706,540) 1991-05-28

[11] **2,070,958**  
[13] C

[51] **Int.Cl. 5G06F 1/30 5G06F 1/24**  
[25] EN  
[54] **APPARATUS AND METHOD FOR SUSPENDING AND RESUMING SOFTWARE APPLICATIONS ON A COMPUTER**  
[54] **DISPOSITIF ET METHODE POUR INTERROMPRE ET RELANCER L'EXECUTION D'UN PROGRAMME D'APPLICATION DANS UN ORDINATEUR**  
[72] Morita, Mitsuaki, JP  
[72] Miyazaki, Masaya, JP  
[72] Enoki, Nobuyuki, JP  
[72] Takuma, Akira, JP  
[73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[22] 1992-06-10  
[30] JP (3-137484) 1991-06-10

[11] **2,071,539**  
[13] C

[51] **Int.Cl. 5G06F 15/72**  
[25] EN  
[54] **IMAGE GENERATOR**  
[54] **GENERATEUR D'IMAGES**  
[72] Olive, Graham John, GB  
[73] Rediffusion Simulation Limited, GB  
[85] 1992-06-04  
[86] 1991-04-22 (PCT/GB91/00627)  
[87] (WO91/18359)  
[30] GB (9010703.8) 1990-05-12  
[30] GB (9012229.2) 1990-06-01

[11] **2,074,300**  
[13] C

[51] **Int.Cl. 5A24D 1/00**  
[25] EN  
[54] **COAXIAL FILTER CIGARETTE**  
[54] **CIGARETTE A FILTRE COAXIAL**  
[72] Schneider, Werner, DE  
[72] Müller, Bernd-Henrik, DE  
[72] Rudolph, Gert, DE  
[73] British-American Tobacco (Germany) GmbH, DE  
[22] 1992-07-21  
[30] DE (P 41 27 420.2) 1991-08-19

[11] **2,074,502**  
[13] C

[51] **Int.Cl. 5C12N 7/01 5A61K 39/295 5C12N 15/35 5C12N 15/47 5C12N 15/48**  
[25] EN  
[54] **VACCINES**  
[54] **VACCINS**  
[72] Spibey, Norman, GB  
[73] University Court of the University of Glasgow (The), GB  
[85] 1992-07-24  
[86] 1991-01-25 (PCT/GB91/00107)  
[87] (WO91/11525)  
[30] GB (GB 9001766.6) 1990-01-25

[11] **2,076,661**  
[13] C

[51] **Int.Cl. 5F16J 15/34**  
[25] EN  
[54] **SHAFT PACKING**  
[54] **GARNITURE D'ETANCHEITE POUR ARBRE**  
[72] Anderberg, Goran, SE  
[73] GA Gold Seal Development, CY  
[85] 1992-08-28  
[86] 1991-03-13 (PCT/SE91/00187)  
[87] (WO91/14118)  
[30] SE (9000919-2) 1990-03-15



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[11] **2,077,019**  
[13] C

[51] **Int.Cl. 5G02B 6/16**  
[25] EN  
[54] **OPTICAL GLASS FIBER**  
[54] **FIBRE OPTIQUE**  
[72] Akasaka, Nobuhiro, JP  
[72] Kakuta, Tatsuya, JP  
[72] Kobayashi, Kohei, JP  
[72] Matsuda, Yasuo, JP  
[72] Tomita, Shigeru, JP  
[73] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP  
[73] NIPPON TELEGRAPH & TELEPHONE CORPORATION, JP  
[22] 1992-08-27  
[30] JP (222639/1991) 1991-09-03

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[11] **2,080,723**  
[13] C

[51] **Int.Cl. 5G01B 9/08**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DEFINING A TEMPLATE FOR ASSEMBLING A STRUCTURE**  
[54] **METHODE ET INSTALLATION PERMETTANT DE DEFINIR UN GABARIT POUR L'ASSEMBLAGE D'UNE STRUCTURE**  
[72] PETTA, Gabriel, CA  
[72] Reub, Kurt, CA  
[73] Laharco, Inc., US  
[73] Virtek Vision Corporation, CA  
[22] 1992-10-16  
[30] US (07/959,245) 1992-10-09

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[11] **2,083,158**  
[13] C

[51] **Int.Cl. 5G06F 15/332 5G06G 7/12**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ENCODING AND DECODING USING WAVELET-PACKETS**  
[54] **METHODE ET APPAREIL DE DECODAGE UTILISANT DES PAQUETS D'ONDELETES**  
[72] Coifman, Ronald, US  
[72] Meyer, Yves, FR  
[72] Wickerhauser, Mladen V., US  
[73] YALE UNIVERSITY, US  
[85] 1992-11-17  
[86] 1991-05-17 (PCT/US91/03504)  
[87] (WO91/18361)  
[30] US (525,973) 1990-05-18

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[11] **2,084,969**  
[13] C

[51] **Int.Cl. 5B32B 27/08**  
[25] EN  
[54] **MULTILAYERED POLYOLEFIN STRUCTURE**  
[54] **STRUCTURE DE POLYOLEFINE MULTICOUCHE**  
[72] Baker, Philip Stanley, US  
[72] Donk, Daniel Lawrence, US  
[73] TENNECO PACKAGING INC., US  
[22] 1992-12-09

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[11] **2,091,406**  
[13] C

[51] **Int.Cl. 5B29C 45/28 5B29C 45/23**  
[25] EN  
[54] **INJECTION MOLDING NOZZLE INSERT WITH VALVE MEMBER LOCATING BLADES**  
[54] **BUSE DE MOULAGE PAR INJECTION A OBTURATEUR DOTE DE LAMES DE POSITIONNEMENT**  
[72] GELLERT, JOBST ULRICH, CA  
[73] GELLERT, JOBST ULRICH, CA  
[22] 1993-03-10

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[11] **2,093,117**  
[13] C

[51] **Int.Cl. 5F01L 1/34 5F16H 35/02**  
[25] EN  
[54] **DRIVING CONNECTIONS BETWEEN TWO ROTABLE BODIES**  
[54] **LIAISON ENTRE DEUX CORPS TOURNANTS, L'UN ENTRAINANT L'AUTRE**  
[72] Mitchell, Stephen William, GB  
[73] BTG INTERNATIONAL LIMITED, GB  
[85] 1993-03-31  
[86] 1991-09-30 (PCT/GB91/01680)  
[87] (WO92/06282)  
[30] GB (9021270.5) 1990-10-01

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[11] **2,096,208**  
[13] C

[51] **Int.Cl. 5H04Q 3/42 5H04Q 1/30 5H04Q 3/52**  
[25] EN  
[54] **CONNECTION PATH SELECTION METHOD FOR CROSS-CONNECT COMMUNICATIONS NETWORKS**  
[54] **METHODE DE SELECTION DE CHEMIN DE CONNEXIONS POUR RESEAUX DE COMMUNICATIONS A RACCORDEMENT CROISE**  
[72] Bowdon, Edward K., US  
[73] ALCATEL, N.V., NL  
[22] 1993-05-13  
[30] US (07/883.594) 1992-05-14

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[11] **2,096,562**  
[13] C

[51] **Int.Cl. 5H01R 43/00**  
[25] EN  
[54] **METHOD OF FORMING CLOSELY SPACED, GENERALLY PARALLEL SLOTS THROUGH A THIN WALL AND PRODUCT FORMED THEREBY**  
[54] **METHODE DE FORMATION DE FENTES HABITUELLEMENT PARALLELES ET SERREES A TRAVERS UNE PAROI MINCE, ET PRODUIT AINSI FORME**  
[72] Johnson, David A., US  
[73] JohnsTech International Corporation, US  
[22] 1993-05-19  
[30] US (07/892,233) 1992-06-02

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[11] **2,096,620**  
[13] C

[51] **Int.Cl. 5G07B 17/02**  
[25] EN  
[54] **CARRIER MANAGEMENT SYSTEM HAVING A CAPABILITY TO DETERMINE WEIGHT BASED HANDLING CHARGES**  
[54] **SYSTEME DE GESTION POUR TRANSPORTEUR, PRESENTANT LA CAPACITE DE DETERMINER LES FRAIS DE MANUTENTION EN FONCTION DU POIDS**  
[72] Campbell, Barbara Ellen, US  
[72] Brandien, Clint Francis, US  
[73] PITNEY BOWES INC., US  
[22] 1993-05-19  
[30] US (887,620) 1992-05-22

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[11] **2,102,317**  
[13] C

[51] **Int.Cl. 5E21B 17/10**  
[25] EN  
[54] **CENTRALISER**  
[54] **CENTREUR**  
[72] Zwart, Klass, GB  
[73] Zwart, Klass, GB  
[85] 1993-11-02  
[86] 1992-05-26 (PCT/GB92/00951)  
[87] (WO92/21850)  
[30] GB (9111381.1) 1991-05-25

[11] **2,103,714**  
[13] C

[51] **Int.Cl. 5H04L 27/36 5E21B 47/00**  
[25] EN  
[54] **TRANSMISSION OF WELL-LOGGING DATA OVER BANDPASS CHANNELS USING QUADRATURE AMPLITUDE MODULATION**  
[54] **TRANSMISSION DE DONNEES DE DIAGRAPHIE VIA DES CANAUX A LARGEUR DE BANDE RESTREINTE EN UTILISANT LA MODULATION D'AMPLITUDE EN QUADRATURE**  
[72] Montgomery, Michael A., US  
[72] Neeley, Jimmy E., US  
[72] Lyon, David L., US  
[72] Poonpol, Chanchai, US  
[73] SCHLUMBERGER TECHNOLOGY CORPORATION, US  
[85] 1993-08-09  
[86] 1992-02-05 (PCT/US92/00891)  
[87] (WO92/15165)  
[30] US (657,225) 1991-02-15

[11] **2,103,742**  
[13] C

[51] **Int.Cl. 5B01D 71/82 5B01D 61/36**  
[25] EN  
[54] **NOVEL SOLID POLY-AMPHIPHILIC POLYMER HAVING USE IN A SEPARATION PROCESS**  
[54] **POLYMERE POLYAMPHIPHILE SOLIDE UTILE DANS UN PROCEDE DE SEPARATION**  
[72] Greenley, Robert Ziolkowski, US  
[72] Ho, Sa Van, US  
[72] Michaels, Alan Sherman, US  
[73] MONSANTO COMPANY, US  
[22] 1993-08-10  
[30] US (07/925,445) 1992-08-11  
[30] US (08/088,126) 1993-07-13

[11] **2,104,225**  
[13] C

[51] **Int.Cl. 5C12N 15/60 5A61K 39/00 6A61K 38/19 6A61K 38/51 5G01N 33/564 5G01N 33/573 5C12N 9/88**  
[25] EN  
[54] **METHOD FOR THE DIAGNOSIS AND TREATMENT OF GLUTAMIC ACID DECARBOXYLASE AUTOANTIGEN ASSOCIATED DISEASES**  
[54] **METHODE POUR LE DIAGNOSTIC ET LE TRAITEMENT DES MALADIES ASSOCIEES AUX AUTO-ANTIGENES DE L'ACIDE GLUTAMIQUE-DECARBOXYLASE**  
[72] Harrison, Leonard, AU  
[72] Honeyman, Margo, AU  
[72] Cram, David, AU  
[72] De Aizpurua, Henry, AU  
[73] THE WALTER AND ELIZA HALL INSTITUTE OF MEDICAL RESEARCH, AU  
[85] 1993-08-16  
[86] 1992-02-21 (PCT/AU92/00063)  
[87] (WO92/14485)  
[30] AU (PK 4773) 1991-02-22  
[30] AU (PK 8620) 1991-09-27

[11] **2,104,632**  
[13] C

[51] **Int.Cl. 5F04D 29/04 5F16C 32/04**  
[25] EN  
[54] **AIR CYCLE MACHINE WITH MAGNETIC BEARINGS**  
[54] **GROUPE TURBO-REFROIDISSEUR MUNI DE PALIERS MAGNETIQUES**  
[72] Andres, Michael, US  
[72] Coons, Terry L., US  
[73] SMITHS INDUSTRIES AEROSPACE & DEFENSE SYSTEMS INC., US  
[22] 1993-08-23  
[30] US (07/961,002) 1992-10-14

[11] **2,108,085**  
[13] C

[51] **Int.Cl. 5B65D 85/10 5B65D 5/44**  
[25] EN  
[54] **HINGE-LID PACK, ESPECIALLY FOR CIGARETTES**  
[54] **EMBALLAGE AVEC COUVERCLE ARTICULE, NOTAMMENT POUR LES CIGARETTES**  
[72] Focke, Heinz, DE  
[72] Buse, Henry, DE  
[73] Focke & Co. (G.m.b.H. & Co.), DE  
[22] 1993-10-08  
[30] DE (P 42 37 523.1) 1992-11-06

[11] **2,108,105**  
[13] C

[51] **Int.Cl. 6C07K 14/435 6C07K 1/14 5G01N 1/34 5G01N 33/52 5G01N 33/92**  
[25] EN  
[54] **IMPROVED DEVICE AND METHOD OF ASSAYING WHOLE BLOOD FOR HDL CHOLESTEROL**  
[54] **DISPOSITIF ET METHODE DE DOSAGE DU HDL-CHOLESTEROL DANS LE SANG TOTAL**  
[72] Kozak, Mary B., US  
[72] Badke, Andrea, US  
[73] BAYER CORPORATION, US  
[22] 1993-10-08  
[30] US (959,400) 1992-10-13

[11] **2,110,519**  
[13] C

[51] **Int.Cl. 5C12N 7/00 5C12P 21/08 5A61K 39/245 5C12N 15/38 5A61K 39/42 5G01N 33/569 5C12Q 1/70**  
[25] EN  
[54] **BOVINE HERPESVIRUS TYPE 1 DELETION MUTANTS, VACCINES BASED THEREON, DIAGNOSTIC KITS DETECTION OF BOVINE HERPESVIRUS TYPE 1**  
[54] **MUTANTS DE DELETION DE L'HERPESVIRUS BOVIN TYPE 1, VACCINS BASES SUR LESDITS MUTANTS, TROUSSES DIAGNOSTIQUES POUR LA DETECTION DE L'HERPESVIRUS BOVIN TYPE 1**  
[72] Rijsewijk, Franciscus A. M., NL  
[72] Van Oirschot, Johannes T., NL  
[72] Maes, Roger K., US  
[73] Stichting Centraal Diergeneeskundig Instituut, NL  
[85] 1993-12-01  
[86] 1992-06-05 (PCT/NL92/00097)  
[87] (WO92/21751)  
[30] NL (9100989) 1991-06-07

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[11] **2,111,350**  
[13] C  
[51] **Int.Cl. 5G01N 1/34 5G01N 33/92**  
[25] EN  
[54] **METHOD FOR THE SEPARATION OF HIGH DENSITY LIPOPROTEIN FROM BLOOD SAMPLES**  
[54] **METHODE DE SEPARATION DES LIPOPROTEINES DE HAUTE DENSITE DANS DES ECHANTILLONS DE SANG HUMAIN**  
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[72] Payne, Robert C., US  
[72] Profitt, James A., US  
[73] BAYER CORPORATION, US  
[22] 1993-12-13  
[30] US (07/990,592) 1992-12-14

[11] **2,117,648**  
[13] C  
[51] **Int.Cl. 5H04B 3/54 5H04M 19/02**  
[25] EN  
[54] **CIRCUITRY FOR SUPERIMPOSING SMALL, LOW ENERGY SIGNALS AND LARGE, ESSENTIALLY HIGHER ENERGY SIGNALS**  
[54] **CIRCUITS DE SUPERPOSITION DE SIGNAUX FAIBLES ET DE SIGNAUX INTENSES**  
[72] Kausel, Wilfried, AT  
[72] Kremser, Hannes, AT  
[72] Stallbaumer, Hermann, AT  
[72] Winkler, Werner, AT  
[73] SEMCOTEC  
HANDELSGESELLSCHAFT M.B.H., AT  
[85] 1994-09-02  
[86] 1993-03-03 (PCT/AT93/00035)  
[87] (WO93/18609)  
[30] AT (A 414/92) 1992-03-04

[11] **2,118,146**  
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[51] **Int.Cl. 5G06F 15/70**  
[25] EN  
[54] **ANALYZING AN IMAGE SHOWING EDITING MARKS TO OBTAIN CATEGORY OF EDITING OPERATION**  
[54] **ANALYSE D'IMAGE FAISANT VOIR DES MARQUEURS D'EDITION CATEGORISANT LES OPERATIONS D'EDITION**  
[72] Mahoney, James V., US  
[72] Rao, Satyajit, US  
[73] XEROX CORPORATION, US  
[22] 1994-10-14  
[30] US (157804) 1993-11-24

[11] **2,119,237**  
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[51] **Int.Cl. 5G05G 1/14 5B60T 7/06**  
[25] EN  
[54] **ADJUSTABLE AUTOMOBILE PEDAL SYSTEM**  
[54] **SYSTEME DE PEDALES REGLABLES POUR AUTOMOBILE**  
[72] Cicotte, Edmond Burton, US  
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[85] 1994-03-16  
[86] 1992-09-25 (PCT/US92/08183)  
[87] (WO93/07551)  
[30] US (07/772,326) 1991-10-07

[11] **2,119,363**  
[13] C  
[51] **Int.Cl. 5C07D 305/14 5C07F 7/10 5C07D 407/12 5C07D 409/12**  
[25] EN  
[54] **10-DESACETOXYTAXOL DERIVATIVES**  
[54] **DERIVES 10-DESACETOXYTAXOL**  
[72] Holton, Robert A., US  
[72] Chem, Shu-Hui, US  
[72] Farina, Vittorio, US  
[73] Florida State University, US  
[73] BRISTOL-MYERS SQUIBB COMPANY, US  
[85] 1994-03-17  
[86] 1992-09-22 (PCT/US92/07935)  
[87] (WO93/06093)  
[30] US (763,805) 1991-09-23  
[30] US (900,408) 1992-06-18

[11] **2,119,759**  
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[51] **Int.Cl. 5C08F 8/32 5C09D 113/00 5C09J 113/00 5C09D 157/10 5C09J 157/10 5C08C 19/36**  
[25] EN  
[54] **COMPOSITIONS WHICH CAN BE CROSS-LINKED AT ROOM TEMPERATURE, METHOD OF PREPARING THEM AND THEIR USE**  
[54] **COMPOSITIONS QUI PEUVENT ETRE RETICULEES A LA TEMPERATURE DE LA PIECE; METHODE DE PREPARATION ET UTILISATION**  
[72] Abend, Thomas P., CH  
[73] VANTICO AG, CH  
[85] 1994-03-23  
[86] 1993-07-19 (PCT/CH93/00182)  
[87] (WO94/04624)  
[30] CH (2553/92-6) 1992-08-17  
[30] CH (1010/93-3) 1993-04-02

[11] **2,119,771**  
[13] C  
[51] **Int.Cl. 5A47C 7/02**  
[25] EN  
[54] **CONTOURED SEAT CUSHION**  
[54] **COUSSIN DE SIEGE MOULANT**  
[72] Graebe, Robert H., US  
[73] Graebe, Robert H., US  
[85] 1994-03-23  
[86] 1991-09-27 (PCT/US91/07098)  
[87] (WO93/05682)

[11] **2,120,853**  
[13] C  
[51] **Int.Cl. 5B05B 11/00 5B05B 7/04 5B65D 83/14**  
[25] EN  
[54] **FOAMER TRIGGER DISPENSER WITH SEALING DEVICE**  
[54] **DISTRIBUTEUR DE MOUSSE A DETENTE ET DISPOSITIF D'ETANCHEITE**  
[72] Nelson, Philip L., US  
[73] Contico International, Inc., US  
[22] 1994-04-08  
[30] US (08/045,631) 1993-04-09

[11] **2,124,047**  
[13] C  
[51] **Int.Cl. 5A01C 21/00 5A01C 23/00**  
[25] EN  
[54] **FARMING METHOD USING WASTE MATERIAL**  
[54] **METHODE DE PRATIQUE AGRICOLE A PARTIR DE DECHETS**  
[72] Rosset, Rene R., CA  
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[51] **Int.Cl. 5C12N 15/62 5C12P 21/08 5C12N 5/10 5C12N 15/13 6C07K 16/28 5A61K 39/395 6C07K 16/46**  
[25] EN  
[54] **HUMANIZED ANTIBODIES REACTIVE WITH GPIIB/IIIA**  
[54] **ANTICORPS HUMANISES REAGISSANT AVEC LE GPIIB/IIIA**  
[72] Co, Man S., US  
[72] Tso, J. Yun, US  
[73] YAMANOUCHI PHARMACEUTICAL CO., LTD., JP  
[73] Protein Design Labs, Inc., US  
[85] 1994-06-17  
[86] 1992-12-15 (PCT/JP92/01630)  
[87] (WO93/13133)  
[30] US (07/812,111) 1991-12-20  
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[13] C

[51] **Int.Cl. 5F16K 1/46**  
[25] EN  
[54] **GLOBE VALVE AND METHOD FOR MAKING SAME**  
[54] **ROBINET A SOUPE ET METHODE DE FABRICATION**  
[72] Bake, Earl A., US  
[72] Stephens, Leonard J., US  
[73] M&FC Holding Company, Inc., US  
[22] 1994-06-27  
[30] US (08/084,541) 1993-06-28

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[51] **Int.Cl. 5E21B 43/10**  
[25] EN  
[54] **CASING DRIVE APPARATUS**  
[54] **APPAREIL D'ENFONCEMENT DE TUBAGE**  
[72] Field, Raymond G., CA  
[73] Big Iron Drilling Ltd., CA  
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[13] C

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[25] EN  
[54] **ISOLATION AND STRUCTURE OF SPONGISTATINS 5, 7, 8, AND 9**  
[54] **ISOLEMENT ET STRUCTURE DE SPONGISTATINES 5,7,8 ET 9**  
[72] Pettit, George R., US  
[72] Cichacz, Zbigniew A., US  
[72] Herald, Cherry L., US  
[73] Arizona Board of Regents, US  
[22] 1994-06-28  
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[51] **Int.Cl. 5C07H 19/01 5A61K 31/70**  
[25] EN  
[54] **ISOLATION AND STRUCTURE OF SPONGISTATIN 2, SPONGISTATIN 3, SPONGISTATIN 4 AND SPONGISTATIN 6**  
[54] **ISOLEMENT ET STRUCTURE DE SPONGISTATINE 2, SPONGISTATINE 3, SPONGISTATINE 4 ET SPONGISTATINE 6**  
[72] Pettit, George R., US  
[72] Cichacz, Zbigniew A., US  
[72] Herald, Cherry L., US  
[73] Arizona Board of Regents, US  
[22] 1994-06-28  
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[13] C

[51] **Int.Cl. 5C07J 41/00 5A61K 31/565**  
[25] EN  
[54] **11-BENZALDOXIME-17-METHOXY-17-METHOXYMETHYLESTRADIENE DERIVATIVES, METHODS FOR THEIR PRODUCTION AND PHARMACEUTICALS CONTAINING THESE SUBSTANCES**  
[54] **DERIVES DE 11-BENZALDOXIME-17.BETA.-METHOXY-17-METHOXYMETHYLESTRADIENE, METHODES DE PRODUCTION ET PRODUITS PHARMACEUTIQUES CONTENANT CES SUBSTANCES**  
[72] Schubert, Gerd, DE  
[72] Kaufmann, Günther, DE  
[72] Sobeck, Lothar, DE  
[72] Oettel, Michael, DE  
[72] Elger, Walter, DE  
[72] Kurischko, Anatoli, DE  
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[22] 1994-08-19  
[30] DE (P 43 32 284.0) 1993-09-20

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[13] C

[51] **Int.Cl. 5C08G 73/02 5G02B 7/00 5C08L 79/02 5G03C 1/795**  
[25] FR  
[54] **COPOLYMER A PROPRIETES MAGNETIQUES, SON PROCEDE DE FABRICATION ET SES APPLICATIONS**  
[54] **COPOLYMER WITH MAGNETIC PROPERTIES, PROCESS FOR ITS FABRICATION AND ITS APPLICATIONS**  
[72] Galaj, Stanislas, FR  
[72] Le Mehaute, Alain, FR  
[73] ALCATEL, FR  
[22] 1994-09-27  
[30] FR (93 11 504) 1993-09-28

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[11] **2,135,380**  
[13] C

[51] **Int.Cl. 5H01B 7/08 5H01B 7/18 5H01B 13/26**  
[25] EN  
[54] **DOUBLE ARMOR CABLE WITH AUXILIARY LINE**  
[54] **CABLE A ARMURE DOUBLE AVEC LIGNE AUXILIAIRE**  
[72] Anthony, Roger B., US  
[72] Neuroth, David H., US  
[73] BAKER HUGHES INCORPORATED, US  
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[86] 1994-05-10 (PCT/US94/05269)  
[87] (WO94/27300)  
[30] US (08/063,995) 1993-05-18

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[13] C

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[25] EN  
[54] **VANE CELL MACHINE**  
[54] **POMPE A CELLULE SEMI-ROTATIVE**  
[72] Lorentz, Bernt, DE  
[73] Lorentz, Bernt, DE  
[85] 1995-04-07  
[86] 1993-08-26 (PCT/EP93/02311)  
[87] (WO94/05912)  
[30] DE (G 92 11 768.6 U) 1992-09-02

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[54] ENVELOPPE POLYVALENTE  
POUR ENVOI POSTAL  
[72] Hoogerwoord, Ronald Patrick, NL  
[73] Nederlandse Pillo-Pak Maatschappij  
B.V., NL  
[22] 1995-03-31  
[30] EP (94250087.7) 1994-04-05

[11] 2,148,161  
[13] C

[51] Int.Cl. 6H04Q 3/52  
[25] EN  
[54] MICROWAVE CROSSPOINT  
BLOCKING SWITCH MATRIX AND  
ASSEMBLY EMPLOYING  
MULTILAYER STRIPLINE AND PIN  
DIODE SWITCHING ELEMENTS  
[54] MATRICE DE COMMUTATION  
POUR POINT DE CROISEMENT DE  
MICRO-ONDES ET INSTALLATION  
UTILISANT DES ELEMENTS DE  
COMMUTATION A RUBAN  
MULTICOUCHE ET A DIODE P-I-N  
[72] Pierro, John A., US  
[73] AIL Systems, Inc., US  
[22] 1995-04-28  
[30] US (245,698) 1994-05-18

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[13] C

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6B02C 17/16 6B02C 23/24  
[25] EN  
[54] DRYING SUSPENSIONS OF  
MATERIALS  
[54] ASSECHEMENT DE SUSPENSIONS  
DE MATIERES  
[72] Pearce, David Anthony, GB  
[73] ECC International Limited, GB  
[22] 1995-05-02  
[30] EP (94303280.5) 1994-05-06

[11] 2,150,328  
[13] C

[51] Int.Cl. 6C02F 1/48 6H01F 13/00  
[25] EN  
[54] APPARATUS FOR  
MANUFACTURING MAGNETIZED  
WATER AND MAGNETIC FORCE  
GENERATOR USED THEREFOR  
[54] APPAREIL SERVANT A  
PRODUIRE DE L'EAU AIMANTEE, ET  
GENERATRICE DE CHAMP  
MAGNETIQUE EUTILISEE A CETTE  
FIN  
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[72] Ohta, Masaru, JP  
[73] OHTA CO., LTD., JP  
[73] Hattori, Toshimitsu, JP  
[22] 1995-05-26  
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[30] JP (291800/1994) 1994-11-25

[11] 2,151,141  
[13] C

[51] Int.Cl. 6C12N 15/24 6C07H 21/00  
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6C07K 14/715  
[25] EN  
[54] MAMMALIAN RECEPTORS FOR  
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[54] RECEPTEURS DE  
L'INTERLEUKINE-10 (IL-10) CHEZ  
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[72] Liu, Ying, US  
[72] Ho, Alice Suk-Yue, US  
[72] Hsu, Di-Hwei, US  
[72] Tan, Jimmy C., US  
[72] Chou, Chuan-Chu, US  
[72] Bazan, J. Fernando, US  
[73] SCHERING CORPORATION, US  
[85] 1995-06-06  
[86] 1993-12-07 (PCT/US93/11638)  
[87] (WO94/13801)  
[30] US (07/989,792) 1992-12-10  
[30] US (08/011,066) 1993-01-29  
[30] US (08/110,683) 1993-08-23

[11] 2,156,270  
[13] C

[51] Int.Cl. 6B23C 5/06 6B23C 5/24  
[25] EN  
[54] FACE MILLING CUTTER WITH  
RECESSES FOR ADJUSTABLE INSERT  
HOLDERS  
[54] FRAISE A SURFACES A DENTS  
RAPPORTEES REGLABLES  
[72] Hessman, Ingemar, SE  
[72] Almersand, Ake, SE  
[73] SANDVIK AB, SE  
[85] 1995-08-16  
[86] 1994-03-18 (PCT/SE94/00245)  
[87] (WO94/21411)  
[30] SE (9300888-6) 1993-03-18

[11] 2,157,466  
[13] C

[51] Int.Cl. 6A47C 1/00  
[25] EN  
[54] UNIVERSAL LIFT FRAME FOR A  
CHAIR  
[54] BATI ELEVATEUR UNIVERSEL  
POUR FAUTEUIL  
[72] Casey, Kenneth, US  
[72] Kemmerer, Kenneth A., US  
[73] Casey, Kenneth, US  
[73] Kemmerer, Kenneth A., US  
[85] 1995-09-01  
[86] 1994-02-28 (PCT/US94/02087)  
[87] (WO94/19994)  
[30] US (08/024,754) 1993-03-02

[11] 2,157,860  
[13] C

[51] Int.Cl. 6C07D 471/06 6C07D 401/12  
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6A61K 31/54  
[25] EN  
[54] 5,6-DIHYDRO-4H-IMIDAZO-4,5,1-  
IJ QUINOLINES, PROCESSES FOR  
THEIR PREPARATION, THEIR USE AS  
MEDICAMENTS, AND  
INTERMEDIATE COMPOUNDS  
[54] 5,6-DIHYDRO-4H-IMIDAZO-4,5,1-  
IJ QUINOLEINES; METHODE DE  
PREPARATION; UTILISATION  
COMME MEDICAMENTS; PRODUITS  
INTERMEDIAIRES  
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[72] Glamkowski, Edward J., US  
[73] HOECHST MARION ROUSSEL, INC.,  
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[25] EN  
[54] **CAULK BEAD TOOL**  
[54] **OUTIL POUR APPLIQUER ET**  
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[72] Dewberry, Andrew, CA  
[73] VANCOUVER TOOL  
CORPORATION, CA  
[22] 1995-10-03

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[13] C

[51] **Int.Cl. 6F24F 12/00 6F24H 4/02**  
[25] EN  
[54] **CONVERTIBLE AIR**  
**CONDITIONING UNIT USABLE AS**  
**WATER HEATER**  
[54] **CLIMATISATEUR POUVANT**  
**SERVIR DE CHAUFFE-EAU**  
[72] MacDonald, Kenneth, CA  
[73] MacDonald, Kenneth, CA  
[22] 1995-10-11  
[30] US (08/322,931) 1994-10-13

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[13] C

[51] **Int.Cl. 6C07D 307/92 6C07D 493/04**  
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**233/60 6C07D 311/92**  
[25] FR  
[54] **NOUVEAUX COMPOSES AMIDES**  
**TRICYCLIQUES, LEUR PROCEDE DE**  
**PREPARATION ET LES**  
**COMPOSITIONS**  
**PHARMACEUTIQUES QUI LES**  
**CONTIENNENT**  
[54] **NEW TRICYCLIC AMIDE**  
**COMPOUNDS, PROCESS FOR**  
**PREPARING THE SAME AND**  
**PHARMACEUTICAL COMPOSITIONS**  
**CONTAINING THEM**  
[72] Lesieur, Daniel, FR  
[72] Depreux, Patrick, FR  
[72] Leclerc, Véronique, FR  
[72] Ait Mansour, Hamid, FR  
[72] Delagrange, Philippe, FR  
[72] Renard, Pierre, FR  
[73] ADIR ET COMPAGNIE, FR  
[22] 1995-10-19  
[30] FR (94.12581) 1994-10-21

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[13] C

[51] **Int.Cl. 6C07D 223/10 6C11D 3/39**  
[25] EN  
[54] **BLEACHING COMPOSITIONS**  
**COMPRISING N-ACYL**  
**CAPROLACTAM ACTIVATORS**  
[54] **COMPOSITIONS DE**  
**BLANCHIMENT RENFERMANT DES**  
**ACTIVATEURS A BASE DE N-**  
**ACYLCAPROLACTAME**  
[72] Willey, Alan David, US  
[72] Burns, Michael Eugene, US  
[72] Collins, Jerome Howard, US  
[73] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 1995-10-23  
[86] 1994-05-12 (PCT/US94/05369)  
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[30] US (08/064624) 1993-05-20

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[13] C

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[25] EN  
[54] **OXYGEN SENSOR ELEMENT**  
[54] **DETECTEUR D'OXYGENE**  
[72] Hotta, Yasumichi, JP  
[72] Sano, Hiromi, JP  
[72] Saito, Toshitaka, JP  
[72] Suzuki, Masatoshi, JP  
[72] Miwa, Naoto, JP  
[73] Nippondenso Co., Ltd., JP  
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[30] JP (06-289092) 1994-10-28

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[13] C

[51] **Int.Cl. 6A47L 15/50**  
[25] EN  
[54] **DISHWASHER RACK**  
[54] **PANIER DE LAVE-VAISSELLE**  
[72] Welch, Rodney M., US  
[73] MAYTAG CORPORATION, US  
[22] 1996-01-03  
[30] US (08/405,731) 1995-03-17

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[51] **Int.Cl. 6C08L 35/00 6C09D 133/00**  
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[25] EN  
[54] **REPULPABLE HOT MELT**  
**POLYMER/WAX COMPOSITIONS FOR**  
**FIBROUS PRODUCTS**  
[54] **COMPOSITIONS DE POLYMERE/**  
**CIRE THERMOFUSIBLES**  
**REPULPABLES POUR PRODUITS**  
**FIBREUX**  
[72] Sandvick, Paul E., US  
[72] Verbrugge, Calvin J., US  
[73] S. C. JOHNSON COMMERCIAL  
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[86] 1994-07-19 (PCT/US94/08067)  
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[13] C

[51] **Int.Cl. 6A47K 7/02**  
[25] EN  
[54] **COMBINATION BODY AND BACK**  
**BATH SCRUBBER**  
[54] **BROSSE POUR LE CORPS ET LE**  
**DOS**  
[72] WEILL, Theodore C., US  
[73] WEILL, Theodore C., US  
[22] 1996-01-31  
[30] US (08/385,115) 1995-02-07

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[11] **2,169,712**  
[13] C

[51] **Int.Cl. 6C21D 9/00**  
[25] EN  
[54] **ANNEALING BASE FOR HOOD-**  
**TYPE ANNEALING FURNACES**  
[54] **BASE DE RECUIT POUR FOUR DE**  
**RECUIT A HOTTE**  
[72] Ebner, Peter Helmut, AT  
[72] Lochner, Heribert, AT  
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[13] C  
[51] Int.Cl. 6B01D 53/52 6C01B 17/027  
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[25] EN  
[54] **PROCESS FOR DESULFURIZING A  
H<sub>2</sub>S -CONTAINING GAS**  
[54] **PROCEDE DE DESULFURATION  
D'UN GAZ CONTENANT DU H<sub>2</sub>S**  
[72] Stetzer, Klaus, DE  
[72] Willing, Wolfgang, DE  
[73] Metallgesellschaft Aktiengesellschaft,  
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[51] Int.Cl. 6H04L 12/56  
[25] EN  
[54] **ATM POLICING DEVICE**  
[54] **CONTROLEUR POUR SYSTEME  
MTA**  
[72] Van Der Wal, Jacob Cornelis, NL  
[73] KONINKLIJKE KPN N.V., NL  
[22] 1996-03-18  
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[54] **ASPIRATEUR ELECTRIQUE**  
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[72] Hirano, Akihiro, JP  
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WOOD PRESERVATIVE AND METHOD  
OF MAKING THE SAME**  
[54] **PRODUIT SOLIDIFIE  
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[72] Melnichuk, James Allen, CA  
[73] GENICS INC., CA  
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[54] **MATERIAUX ABSORBANTS POSSEDANT DES CARACTERISTIQUES DE SURFACE MODIFIEES ET PROCEDES POUR LES OBTENIR**  
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[72] Dörfel, Walter, DE  
[73] BELOIT TECHNOLOGIES INC., US  
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[73] EASTMAN CHEMICAL COMPANY, US  
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[72] Nilsson, Lennart, SE  
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OF REINFORCED SLABS OF STONE  
MATERIAL AND REINFORCED SLABS  
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[54] ROCEDE POUR LA PRODUCTION  
DE DALLES DE MATERIAU PIERREUX  
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[54] BAGAGE FORME PAR PRESSION  
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[72] Kapushion, Joseph, US  
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[54] SYSTEME STABLE D'EMULSION  
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[72] DREHER, John D., US  
[72] KONIK, Richard A., US  
[72] CIOCA, Gheorghe, US  
[72] COHEN, Isaac D., US  
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[54] **TRANSMETTEUR LASER COMPORTANT UN SEUL RESONATEUR UTILISABLE A LA FOIS POUR LE POMPAGE ET POUR FINS D'OSCILLATIONS PARAMETRIQUES**  
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[73] RAYTHEON COMPANY, US  
[22] 1997-05-06  
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[13] C

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[54] **PULVERISATEUR ELECTROSTATIQUE**  
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[73] GEMA VOLSTATIC AG, CH  
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[13] C

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[87] (WO96/17359)  
[30] DK (1370/94) 1994-12-01

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[13] C

[51] **Int.Cl. 6A01K 1/015**  
[25] EN  
[54] **ANIMAL EXCREMENT TREATING MATERIAL AND METHOD OF MANUFACTURING SAME**  
[54] **MATERIAU DE TRAITEMENT POUR EXCREMENTS D'ANIMAUX ET PROCEDE DE PRODUCTION DE CE MATERIAU**  
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[73] ZEOLITE JAPAN CO., LTD., JP  
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[13] C

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[72] DURHAM, Phillip, US  
[72] PARKER, Robert Lawrence, US  
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[11] **2,212,885**  
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[54] **METHODE ET APPAREIL POUR INDIQUER UNE DOSE DE MEDICAMENT**  
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[13] C

[51] **Int.Cl. 6A01K 39/02**  
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[22] 1997-10-20  
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[54] **AQUEOUS ALKALINE EARTH NITRATE FERTILIZER COMPOSITION AND COMBUSTION PROCESS FOR MAKING THE SAME**  
[54] **COMPOSITION AQUEUSE D'ENGRAIS A BASE DE NITRATE ALCALINO-TERREUX ET PROCEDE DE COMBUSTION POUR SA FABRICATION.**  
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[72] BABU, Manyam, US  
[73] DRAVO LIME COMPANY, US  
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[73] THE GILLETTE COMPANY, US  
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[13] C

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[13] C

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[54] FIL-GUIDE A BARBE D'ANCRAGE  
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[54] APPARATUS AND METHOD FOR  
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[54] DISPOSITIF ET PROCEDE DE  
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[85] 1997-12-08  
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[11] 2,233,325  
[13] C

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[25] EN  
[54] LOCKING COUNTERBALANCE  
SHOE FOR TILTABLY REMOVABLE  
SASH WINDOWS  
[54] PATINS D'EQUILIBRAGE  
VERROUILLABLES POUR FENETRES  
A GUILLOTINE AMOVIBLE PAR  
BASCULEMENT  
[72] NIDELKOFF, Michael J., US  
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[13] C

[51] Int.Cl. 6H04N 7/167 6H04N 5/04  
6H04N 5/913  
[25] EN  
[54] METHOD AND APPARATUS FOR  
SCRAMBLING AND DESCRAMBLING  
OF VIDEO SIGNALS WITH EDGE FILL  
[54] METHODE ET APPAREIL DE  
BROUILLAGE ET DE DEBROUILLAGE  
DE SIGNAUX VIDEO A REMPLISSAGE  
DES BORDS  
[72] RYAN, John O., US  
[72] HOLZGRAFE, James R., US  
[73] Macrovision Corporation, US  
[22] 1992-11-12  
[62] 2,082,675  
[30] US (795,890) 1991-11-19

[11] 2,235,447  
[13] C

[51] Int.Cl. 6C03B 23/027  
[25] EN  
[54] APPARATUS AND METHOD FOR  
BENDING GLASS SHEETS  
[54] APPAREIL ET METHODE POUR  
COURBER DES FEUILLES DE VERRE  
[72] GRODZISKI, Zenon, FR  
[73] PPG INDUSTRIES OHIO, INC., US  
[22] 1998-05-22  
[30] US (08/876,872) 1997-06-16

[11] 2,238,224  
[13] C

[51] Int.Cl. 6F25D 29/00  
[25] EN  
[54] THERMAL CAPACITIVE  
CONTROL SYSTEM FOR A MULTI-  
COMPARTMENT REFRIGERATOR  
[54] DISPOSITIF CAPACITIF DE  
REGLAGE DE TEMPERATURE POUR  
REFRIGERATEUR A PLUSIEURS  
COMPARTIMENTS  
[72] MOHEBBI, Behrooz, US  
[72] KEMPIAK, Michael J., US  
[73] MAYTAG CORPORATION, US  
[22] 1998-05-22  
[30] US (08/869,249) 1997-06-04

[11] 2,238,305  
[13] C

[51] Int.Cl. 6H01R 9/09 6H01R 23/02  
6H01R 17/18 6H01R 21/22 6H01R 13/658  
6H01R 23/68  
[25] EN  
[54] MODULAR JACK CONNECTOR  
[54] CONNECTEUR A BROCHES  
MODULAIRE  
[72] TOWNSEND, Peter K., US  
[72] BRENNAN, Robert J., US  
[72] MECKLEY, Ted R., US  
[72] HATCH, David, US  
[72] MCCLUNE, Don, US  
[73] STEWART CONNECTOR SYSTEMS,  
INC., US  
[85] 1998-05-21  
[86] 1996-11-21 (PCT/US96/19682)  
[87] (WO97/19498)  
[30] US (08/561,931) 1995-11-22

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[11] **2,238,461**  
[13] C

[51] **Int.Cl. 6F25D 25/02**  
[25] EN  
[54] **APPLIANCE SHELVING SUPPORT SYSTEM**  
[54] **SUPPORT DE CLAYETTE**  
[72] HAMILTON, Roger E., US  
[72] TUNZI, Todd J., US  
[73] MAYTAG CORPORATION, US  
[22] 1998-05-22  
[30] US (08/869,167) 1997-06-04

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[11] **2,242,925**  
[13] C

[51] **Int.Cl. 6B23K 26/00**  
[25] EN  
[54] **LASER OSCILLATOR SYSTEM**  
[54] **SYSTEME D'OSCILLATEUR LASER**  
[72] SHIGEMATSU, Noriaki, JP  
[72] MATSUO, Kazuhide, JP  
[72] BUNDO, Isao, JP  
[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 1998-07-06  
[30] JP (9-180971) 1997-07-07

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[11] **2,259,732**  
[13] C

[51] **Int.Cl. 6B01F 13/08 6G01N 1/38 6G01N 1/44**  
[25] EN  
[54] **SYNCHRONIZED MAGNETIC STIRRING AND HEATING DEVICE**  
[54] **DISPOSITIF SYNCHRONISE MAGNETIQUE POUR CHAUFFER ET MELANGER**  
[72] MORRIS, Joseph E., Jr., CA  
[73] MORRIS, Joseph E., Jr., CA  
[22] 1999-01-20

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[11] **2,261,500**  
[13] C

[51] **Int.Cl. 6A61K 31/28 7A61P 35/00 7A61K 31/282 6A61K 31/555**  
[25] EN  
[54] **STABLE OXALIPLATIN SOLUTIONS AND THEIR USE IN CYTOSTATIC ANTINEOPLASTIC TREATMENT**  
[54] **FORMULATIONS**  
[72] BROWN, Stephen, GB  
[72] BLUNDELL, Ross, GB  
[72] ENGLAND, David A., GB  
[72] ANDERSON, Nicholas H., GB  
[72] GRAY, Martin R., GB  
[73] SANOFI-SYNTHELABO, FR  
[22] 1999-02-11  
[30] GB (9804013.2) 1998-02-25

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[11] **2,266,042**  
[13] C

[51] **Int.Cl. 6C12N 15/54 6C12N 9/12 6C12P 19/34**  
[25] EN  
[54] **DNA POLYMERASES WITH ENHANCED THERMOSTABILITY AND ENHANCED LENGTH AND EFFICIENCY OF PRIMER EXTENSION**  
[54] **POLYMERASES D'ADN AVEC AMELIORATION DE LA THERMOSTABILITE AINSI QUE DE LA LONGUEUR ET DE L'EFFICACITE DE L'EXTENSION DE L'AMORCE**  
[72] BARNES, Wayne M., US  
[73] TAKARA SHUZO CO., LTD., JP  
[22] 1994-02-22  
[62] 2,156,176  
[30] US (08/021,623) 1993-02-19  
[30] US (08/202,032) 1994-02-22

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[11] **2,269,920**  
[13] C

[51] **Int.Cl. 6F15B 15/22**  
[25] EN  
[54] **EXTERNAL PNEUMATIC CUSHION SYSTEM FOR AIR CYLINDER**  
[54] **SYSTEME DE COUSSIN PNEUMATIQUE EXTERNE POUR CYLINDRE PNEUMATIQUE**  
[72] GAGNON, André, CA  
[72] HARVEY, Gilles, CA  
[73] DENIS COMACT CHICOUTIMI INC., CA  
[22] 1999-04-21

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[11] **2,271,589**  
[13] C

[51] **Int.Cl. 6F16G 11/04**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONNECTING AN OBJECT TO A DEVICE**  
[54] **METHODE ET APPAREIL DE RACCORDEMENT D'UN OBJET A UN DISPOSITIF**  
[72] IVANDIC, Vladimir, CA  
[72] IVANDIC, Ivan, CA  
[73] UNIT ELECTRICAL ENGINEERING LTD., CA  
[22] 1999-05-13

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[11] **2,284,395**  
[13] C

[51] **Int.Cl. 6A61D 19/02 6A01K 21/00**  
[25] EN  
[54] **BOAR CART FOR INSEMINATION OF SOWS**  
[54] **CHARIOT A VERRAT POUR L'INSEMINATION DES TRUIES**  
[72] KLEINSASSER, JONATHAN, CA  
[73] CRYSTAL SPRING COLONY FARMS LTD., CA  
[22] 1999-10-04

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[11] **2,307,548**  
[13] C

[51] **Int.Cl. 7C07D 305/14 7C07D 407/12 6C07D 305/14**  
[25] EN  
[54] **PROCESS FOR CONVERTING 9-DIHYDRO-13-ACETYLBACCATIN III INTO TAXOL AND DERIVATIVES THEREOF**  
[54] **PROCEDE DE CONVERSION DE LA 9-DIHYDRO-13-ACETYLBACCATINE III EN TAXOL ET SES DERIVES**  
[72] LIU, JIAN, CA  
[73] LIU, JIAN, CA  
[85] 2000-05-11  
[86] 1998-05-01 (PCT/CA98/00401)  
[87] (WO98/50378)  
[30] CA (2,204,197) 1997-05-01

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**Canadian Patents Issued  
July 17, 2001**

# Canadian Laid-Open Applications

June 24, 2001 - June 30, 2001

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[21] **2,292,902**  
[13] A1  
[51] Int.Cl. 7A61K 38/23 7A61P 11/00  
7A61K 9/12 7A61K 9/72  
[25] EN  
[54] USE OF CALCITONIN GENE-RELATED PEPTIDE IN THE PREVENTION AND ALLEVIATION OF ASTHMA AND RELATED BRONCHOSPASTIC PULMONARY DISEASES  
[54] UTILISATION DE PEPTIDE CALCITONINE LIE AUX GENES DANS LA PREVENTION ET LE SOULAGEMENT DE L'ASTHME ET D'AFFECTIONS BRONCHOSPASTIQUES CONNEXES  
[72] CADIEUX, ALAIN, CA  
[71] UNIVERSITE DE SHERBROOKE, CA  
[22] 1999-12-24  
[43] 2001-06-24

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[21] **2,293,118**  
[13] A1  
[51] Int.Cl. 7G06K 9/00 7G01K 7/16  
[25] EN  
[54] BOLOMETRIC FINGERPRINT SENSOR  
[54] RECONNAISSEUR D'EMPREINTES DIGITALES BOLOMETRIQUE  
[72] PICARD, FRANCIS, CA  
[71] INSTITUT NATIONAL D'OPTIQUE, CA  
[22] 1999-12-24  
[43] 2001-06-24

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[21] **2,293,132**  
[13] A1  
[51] Int.Cl. 7G02B 6/22  
[25] EN  
[54] TRIPLE-CLAD RARE-EARTH DOPED OPTICAL FIBER AND APPLICATIONS  
[54] FIBRE OPTIQUE DOPEE A TERRES RARES ET A TROIS GAINES, AINSI QUE LES UTILISATIONS  
[72] LAUZON, JOCELYN, CA  
[72] CROTEAU, ANDRÉ, CA  
[71] INSTITUT NATIONAL D'OPTIQUE, CA  
[22] 1999-12-24  
[43] 2001-06-24

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[21] **2,293,134**  
[13] A1  
[51] Int.Cl. 7F02M 31/02 7F02M 31/12  
[25] EN  
[54] COLD STARTING AID SYSTEM FOR AN INTERNAL COMBUSTION ENGINE AND METHOD OF START-UP SEQUENCING FOR SAME  
[54] DISPOSITIF DE DEMARRAGE A FROID POUR MOTEUR THERMIQUE, ET METHODE DE MISE EN MARCHE SEQUENTIELLE DUDIT DISPOSITIF  
[72] OHANIAN, VAHE, CA  
[72] GORSCOVZ, GABRIEL, CA  
[71] MOBILE CLIMATE CONTROL INC., CA  
[22] 1999-12-24  
[43] 2001-06-24

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[21] **2,293,141**  
[13] A1  
[51] Int.Cl. 7B32B 31/04 7A47F 9/00  
7A47B 13/08  
[25] EN  
[54] METHOD FOR MAKING CORNERS FOR LAMINATE AND VENEER COUNTERTOPS  
[54] METHODE DE FABRICATION DE COINS POUR REVETEMENTS DE COMPTOIR PLAQUES ET EN STRATIFIE  
[72] KELLEY, BASIL T., US  
[71] KELLEY, BASIL T., US  
[22] 1999-12-24  
[43] 2001-06-24

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[21] **2,293,143**  
[13] A1  
[51] Int.Cl. 7F01M 11/12 7G01F 23/04  
[25] EN  
[54] LOCATOR DEVICE FOR DIPSTICK  
[54] REPERE DE JAUGE D'HUILE  
[72] MCKEEN, DAVID, CA  
[72] JOHNSON, FRANK, CA  
[71] MCKEEN, DAVID, CA  
[71] JOHNSON, FRANK, CA  
[71] JOHNSON, FRANK, CA  
[22] 1999-12-24  
[43] 2001-06-24

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[21] **2,293,146**  
[13] A1  
[51] Int.Cl. 7B08B 15/00 7F24C 15/20  
[25] EN  
[54] GREASE CATCH BASIN  
[54] PUISARD POUR GRAISSES  
[72] SOMMER, KLAUS K., CA  
[71] SOMMER, KLAUS K., CA  
[22] 1999-12-30  
[43] 2001-06-30

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[21] **2,293,149**  
[13] A1  
[51] **Int.Cl. 7C08K 5/548 7C08K 5/544**  
[25] EN  
[54] **ELASTOMERIC BUTYL COMPOUNDS WITH IMPROVED CHEMICAL BONDING BETWEEN THE BUTYL ELASTOMER AND THE FILLER**  
[54] **COMPOSES DE BUTYLE ELASTOMERES AVEC LIAGE CHIMIQUE AMELIORE ENTRE L'ELASTOMERE DE BUTYLE ET LA CHARGE**  
[72] KOSKI, AHTI, CA  
[72] VON HELLENS, CARL WALTER, CA  
[72] HOPKINS, WILLIAM, CA  
[72] RAUSA, JOHN, CA  
[71] BAYER INC., CA  
[22] 1999-12-24  
[43] 2001-06-24

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[21] **2,293,151**  
[13] A1  
[51] **Int.Cl. 7A01G 25/09**  
[25] EN  
[54] **A CORNER IRRIGATION SYSTEM**  
[54] **SYSTEME D'IRRIGATION DE COIN**  
[72] GERDES, JERRY D., US  
[72] UNRUH, RUDY R., US  
[71] VALMONT INDUSTRIES, INC., US  
[22] 1999-12-24  
[43] 2001-06-24

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[21] **2,293,155**  
[13] A1  
[51] **Int.Cl. 7A63F 3/00**  
[25] EN  
[54] **GOLF GAME**  
[54] **JEU DE GOLF**  
[72] MURPHY, STEVE W., CA  
[72] BEGG, R. JAY, CA  
[71] MURPHY, STEVE W., CA  
[71] BEGG, R. JAY, CA  
[22] 1999-12-24  
[43] 2001-06-24

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[21] **2,293,160**  
[13] A1  
[51] **Int.Cl. 7E05G 1/10 7G07C 9/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ACCESSING SAFE DEPOSIT BOX**  
[54] **METHODE ET APPAREIL POUR AVOIR ACCES A UN COFFRET DE SURETE**  
[72] WATSON, RONALD R., US  
[71] WATSON, RONALD R., US  
[22] 1999-12-29  
[43] 2001-06-29

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[21] **2,293,167**  
[13] A1  
[51] **Int.Cl. 7G06F 17/30 7G11B 23/00**  
[25] EN  
[54] **SOURCE CODE CROSS REFERENCING TOOL, B-TREE AND METHOD OF MAINTAINING A B-TREE**  
[54] **OUTIL DE RENVOI AUX CODES DE SOURCE, ARBRE EQUILIBRE ET TECHNIQUE DE MAINTIEN D'UN ARBRE EQUILIBRE**  
[72] GARVIN, MICHAEL J., CA  
[72] NG, KAI, CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 1999-12-30  
[43] 2001-06-30

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[21] **2,293,171**  
[13] A1  
[51] **Int.Cl. 7G01K 7/00 7G01K 13/00 7A61B 5/01**  
[25] EN  
[54] **INFRARED THERMOMETER**  
[54] **THERMOMETRE INFRAROUGE**  
[72] BELLIFEMINE, FRANCESCO, IT  
[71] LA TECNICA S.R.L., IT  
[22] 1999-12-30  
[43] 2001-06-30

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[21] **2,293,173**  
[13] A1  
[51] **Int.Cl. 7H03H 17/02**  
[25] EN  
[54] **AGILE PHASE NOISE FILTER USING VCXO AND FREQUENCY SYNTHESIS**  
[54] **FILTRE DE BRUIT DE PHASE AGILE UTILISANT VCXO ET LA SYNTHESE DE FREQUENCES**  
[72] KELLY, COLIN G., CA  
[72] BROWN, MATTHEW D., CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 1999-12-29  
[43] 2001-06-29

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[21] **2,293,182**  
[13] A1  
[51] **Int.Cl. 7C09D 133/14 7C09D 133/04**  
[25] EN  
[54] **COATING COMPOSITION FOR A CERAMIC ARTICLE**  
[54] **COMPOSITION DE REVETEMENT POUR UN ARTICLE EN CERAMIQUE**  
[72] CRAWLEY, JOHN KEVIN, CA  
[72] JOSSINET, FRANCOIS ARMAND, CA  
[72] MITOBE, JEFF BRENT, CA  
[72] KORTMAN, JENS JOHAN, CA  
[71] CRANE CANADA INC., CA  
[22] 1999-12-30  
[43] 2001-06-30

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[21] **2,293,193**  
[13] A1  
[51] **Int.Cl. 7B01D 25/19**  
[25] EN  
[54] **TOWER PRESS FILTERING SYSTEM**  
[54] **SYSTEME DE FILTRATION DE PRESSE EN FORME DE TOUR**  
[72] SILVERSTEIN, ALAN, US  
[72] SAENKO, VITALIY GRIGORYEVICH, UA  
[72] YURYEV, MIKHAIL PAVLOVICH, UA  
[72] RIIKONEN, ESKO, US  
[72] GORODYSKIY, YURIY DMITRIEVICH, UA  
[71] THE BETHLEHEM CORP., US  
[22] 1999-12-24  
[43] 2001-06-24

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**24 juin 2001 - 30 juin 2001**

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[21] **2,293,224**  
[13] A1

[51] **Int.Cl. 7E05F 7/00 7E06B 3/44**  
[25] EN  
[54] **PLASTIC SLIDER FOR REDUCING NOISE AND FRICTION OF A LATCH USED IN A SLIDE LOCK**  
[54] **PATIN EN PLASTIQUE REDUISANT LE BRUIT ET LES FROTTEMENTS D'UN PENE DE SERRURE**  
[72] CHAMPOUX, BENOIT, CA  
[72] CHARPENTIER, DOMINIC, CA  
[72] CLARK, RON, US  
[72] BOLDUC, RÉMI, CA  
[72] FOUCAULT, PIERRE-LOUIS, CA  
[71] CANIMEX INC., CA  
[22] 1999-12-24  
[43] 2001-06-24

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[21] **2,293,520**  
[13] A1

[51] **Int.Cl. 7H04Q 9/00 7G06F 17/40**  
[25] EN  
[54] **MULTIPLE TIER INTERFACING WITH NETWORK COMPUTING ENVIRONMENT**  
[54] **INTERFACE A PALIERS MULTIPLES AVEC ENVIRONNEMENT D'INFORMATIQUE COMMUNICANTE**  
[72] SWART, MARIUS, US  
[71] AMANO BLICK INTERNATIONAL INC., GB  
[22] 1999-12-29  
[43] 2001-06-29

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[21] **2,293,521**  
[13] A1

[51] **Int.Cl. 7H04L 7/027 7G11B 23/00**  
[25] EN  
[54] **ASYNCHRONOUS PAYLOAD MAPPING USING DIRECT PHASE TRANSFER**  
[54] **MAPPAGE ASYNCHRONE DE LA CHARGE UTILE GRACE AU TRANSFERT DIRECT DE PHASE**  
[72] BROWN, MATTHEW D., CA  
[72] KELLY, COLIN G., CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 1999-12-29  
[43] 2001-06-29

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[21] **2,293,599**  
[13] A1

[51] **Int.Cl. 7A61F 13/20**  
[25] EN  
[54] **UNKNOWN**  
[54] **INCONNU**  
[72] SOUTER, ALASTAIR M., ZZ  
[72] NELSON, PETER F., CA  
[71] SOUTER, ALASTAIR M., ZZ  
[71] NELSON, PETER F., CA  
[22] 1999-12-29  
[43] 2001-06-29

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[21] **2,293,741**  
[13] A1

[51] **Int.Cl. 7E04B 5/02 7E04B 1/00**  
[25] EN  
[54] **PREFABRICATED DECKING SYSTEM**  
[54] **SYSTEME D'EMPILEMENT PREFABRIQUE**  
[72] POLOS, ALLAN RONALD, CA  
[71] POLOS, ALLAN RONALD, CA  
[22] 1999-12-30  
[43] 2001-06-30

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[21] **2,293,754**  
[13] A1

[51] **Int.Cl. 7E05B 67/00**  
[25] EN  
[54] **BLOCKLOCK BOX**  
[54] **BOITIER DE VERROUILLAGE DE CADENAS**  
[72] LYNCH, RICHARD, CA  
[71] LYNCH, RICHARD, CA  
[22] 1999-12-30  
[43] 2001-06-30

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[21] **2,293,766**  
[13] A1

[51] **Int.Cl. 7B26B 3/00**  
[25] EN  
[54] **FLUTE KNIFE**  
[54] **COUTEAU**  
[72] LINTON, W. STEWART, CA  
[72] NORTON, BEVERLY, CA  
[72] TOWNSEND, RAE, CA  
[72] ROMERO, MARIO, CA  
[71] EM PLASTIC & ELECTRIC PRODUCTS LTD., CA  
[22] 1999-12-24  
[43] 2001-06-24

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[21] **2,293,767**  
[13] A1

[51] **Int.Cl. 7G07D 5/08 7G07D 5/02**  
[25] EN  
[54] **EDDY-CURRENT SENSOR FOR COIN EVALUATION**  
[54] **AMPEREMETRE DE COURANTS DE FOUCAULT POUR L'EVALUATION DES PIECES DE MONNAIE**  
[72] KHVOSTOV, VITOLD, UA  
[72] GAPONYUK, GENNADIY, CA  
[71] CASHCODE COMPANY INC., CA  
[22] 1999-12-24  
[43] 2001-06-24

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[21] **2,293,830**  
[13] A1

[51] **Int.Cl. 7G08B 17/107**  
[25] EN  
[54] **PHOTOELECTRIC SMOKE DETECTOR AND CHAMBER THEREFOR**  
[54] **DETECTEUR DE FUMEE PHOTO-ELECTRIQUE ET CHAMBRE CONNEXE**  
[72] MI, ZHEXIN, CA  
[72] RATTMAN, WILLIAM, US  
[71] DIGITAL SECURITY CONTROLS LIMITED, CA  
[22] 1999-12-31  
[43] 2001-06-30

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[21] **2,293,844**  
[13] A1

[51] **Int.Cl. 7B07B 1/15**  
[25] FR  
[54] **ETOILE DE REMPLACEMENT POUR UN TAMIS ETOILES**  
[54] **SPARE STAR FOR STAR SCREENS**  
[72] HOULE, ERIC, ZZ  
[72] DUBÉ, JEAN-DENIS, ZZ  
[72] GAUVIN, FRÉDÉRIC, ZZ  
[71] PREMIER TECH LTÉE, CA  
[22] 1999-12-30  
[43] 2001-06-30

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[21] **2,293,845**  
[13] A1  
[51] **Int.Cl. 7C08F 228/02 7C08F 214/28**  
[25] FR  
[54] **ELASTOMERES FLUOROSULFONES A FAIBLE TG A BASE D'HEXAFLUOROPROPENE ET NE CONTENANT NI DU TETRAFLUOROETHYLENE, NI DE GROUPEMENT SILOXANE**  
[54] **LOW TG HEXAFLUOROPROPENE BASED FLUOROSULFONE ELASTOMERS CONTAINING NEITHER TETRAFLUOROETHYLENE NOR SILOXANE GROUP**  
[72] ARMAND, MICHEL, CA  
[72] MANSERI, ABDELLATIF, FR  
[72] AMÉRUDI, BRUNO MICHEL, FR  
[72] BOUCHER, MARIO, CA  
[71] HYDRO-QUEBEC, CA  
[22] 1999-12-29  
[43] 2001-06-29

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[21] **2,293,846**  
[13] A1  
[51] **Int.Cl. 7C08F 228/02 7C08F 214/22**  
[25] FR  
[54] **ELASTOMERES FLUOROSULFONES A FAIBLE TG A BASE DE FLUORURE DE VINYLIDENE ET NE CONTENANT NI DU TETRAFLUOROETHYLENE, NI DE L'HEXAFLUOROPROPENE, NI DE GROUPEMENT SILOXANE**  
[54] **LOW TG VINYLIDENE FLUORIDE BASED FLUOROSULFONE ELASTOMERS CONTAINING NEITHER TETRAFLUOROETHYLENE NOR HEXAFLUOROPROPENE NOR SILOXANE GROUP**  
[72] AMÉRUDI, BRUNO MICHEL, FR  
[72] MANSERI, ABDELLATIF, FR  
[72] BOUCHER, MARIO, CA  
[72] ARMAND, MICHEL, CA  
[71] HYDRO-QUEBEC, CA  
[22] 1999-12-29  
[43] 2001-06-29

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[21] **2,293,847**  
[13] A1  
[51] **Int.Cl. 7C08F 216/18 7C08F 214/22**  
[25] FR  
[54] **ELASTOMERES FLUORES A FAIBLE TG A BASE DE FLUORURE DE VINYLIDENE ET NE CONTENANT NI DU TETRAFLUOROETHYLENE, NI DE GROUPEMENT SILOXANE**  
[54] **LOW TG VINYLIDENE FLUORIDE BASED FLUORIDE ELASTOMERS CONTAINING NEITHER TETRAFLUOROETHYLENE NOR SILOXANE GROUP**  
[72] AMÉDURI, BRUNO MICHEL, FR  
[72] ARMAND, MICHEL, CA  
[72] BOUTEVIN, BERNARD LÉON, FR  
[72] BOUCHER, MARIO, CA  
[71] HYDRO-QUEBEC, CA  
[22] 1999-12-29  
[43] 2001-06-29

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[21] **2,293,852**  
[13] A1  
[51] **Int.Cl. 7A61K 35/78 7A61P 31/00 7A61P 17/16**  
[25] FR  
[54] **PROCEDE DE PREPARATION D'EXTRAITS DE PLANTES ACTIFS ET UTILES A LA CAPTURE DE RADICAUX LIBRES; LES EXTRAITS, ET COMPOSITIONS ET DISPOSITIFS LES COMPRENANT**  
[54] **PROCEDURE FOR PREPARING ACTIVE PLANT EXTRACTS USED TO TRAP FREE RADICALS; THE EXTRACTS AND COMPOUNDS AND DEVICES CONTAINING THEM**  
[72] PURCELL, MARC, CA  
[71] PURECELL TECHNOLOGIES INC., CA  
[22] 1999-12-30  
[43] 2001-06-30

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[21] **2,293,859**  
[13] A1  
[51] **Int.Cl. 7A01D 11/00 7A01D 7/00 7A01D 46/247**  
[25] EN  
[54] **HARVESTER TOOL**  
[54] **OUTIL DE MOISSONNAGE**  
[72] BLYTH, GERALD SAMUEL, CA  
[71] BLYTH, GERALD SAMUEL, CA  
[22] 1999-12-30  
[43] 2001-06-30

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[21] **2,293,861**  
[13] A1  
[51] **Int.Cl. 7E04C 3/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR AN IMPROVED FRAMING ASSEMBLY**  
[54] **TECHNIQUE ET APPAREIL D'ENCADREMENT AMELIORE**  
[72] ROBERTSON, WILLIAM R., US  
[71] ROBERTSON, WILLIAM R., US  
[22] 1999-12-30  
[43] 2001-06-30

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[21] **2,293,865**  
[13] A1  
[51] **Int.Cl. 7B07B 9/02 7B07B 4/06**  
[25] FR  
[54] **SEPARATEUR DE PLASTIQUE**  
[54] **PLASTICS SEPARATOR**  
[72] HOULE, ERIC, ZZ  
[72] GAUVIN, FRÉDÉRIC, ZZ  
[72] DUBÉ, JEAN-DENIS, ZZ  
[71] PREMIER TECH LTÉE, CA  
[22] 1999-12-29  
[43] 2001-06-29

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[21] **2,293,866**  
[13] A1  
[51] **Int.Cl. 7C09D 183/04**  
[25] EN  
[54] **AQUA SHIELD**  
[54] **AGENT DE PROTECTION HYDROFUGE**  
[72] DUNN, STEPHEN RAE, CA  
[71] DUNN, STEPHEN RAE, CA  
[22] 1999-12-30  
[43] 2001-06-30

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[21] **2,293,868**  
[13] A1  
[51] **Int.Cl. 7B27N 1/00 7B27N 3/06**  
[25] EN  
[54] **METHOD AND NOVEL COMPOSITION BOARD PRODUCTS**  
[54] **NOUVEAUX PANNEAUX ET METHODE DE FABRICATION**  
[72] CAMPBELL, CRAIG C., US  
[71] CAMPBELL, CRAIG C., US  
[22] 1999-12-29  
[43] 2001-06-29

**Demandes canadiennes mises à la disponibilité du public**  
**24 juin 2001 - 30 juin 2001**

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[21] **2,293,884**  
[13] A1

[51] **Int.Cl. 7A01C 5/06**  
[25] EN  
[54] **SHANK MOUNTING ADAPTER FOR GROUND-OPENING TOOLS**  
[54] **ADAPTATEUR DE MONTAGE DE BRAS DE CULTIVATEUR POUR OUTILS AGRAIRES**  
[72] SCHIMKE, HARVEY W., CA  
[71] SCHIMKE, HARVEY W., CA  
[22] 1999-12-30  
[43] 2001-06-30

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[21] **2,293,885**  
[13] A1

[51] **Int.Cl. 7E01C 23/00**  
[25] EN  
[54] **GROUND WORKING DEVICE**  
[54] **DISPOSITIF DE TRAVAIL DU SOL**  
[72] GILLARD, RAY W., CA  
[72] CULVER, LARRY G., CA  
[71] GILLARD, RAY W., CA  
[71] CULVER, LARRY G., CA  
[22] 1999-12-30  
[43] 2001-06-30

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[21] **2,293,886**  
[13] A1

[51] **Int.Cl. 7B65F 3/14 7B65F 3/24**  
[25] EN  
[54] **MULTI COMPARTMENT RESIDENTIAL MANUAL SIDE LOADING COLLECTION VEHICLE**  
[54] **CAMION A ORDURES MENAGERES MULTI-COMPARTIMENTS A CHARGEMENT LATERAL MANUEL**  
[72] SCHREIBER, LYNN DONALD, CA  
[72] HUANG, SIMON, CA  
[72] AASMAN, HARVEY JAMES, CA  
[71] SCHREIBER, LYNN DONALD, CA  
[71] HUANG, SIMON, CA  
[71] AASMAN, HARVEY JAMES, CA  
[22] 1999-12-30  
[43] 2001-06-30

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[21] **2,293,913**  
[13] A1

[51] **Int.Cl. 7A61K 31/496 7A61K 45/00 7A61K 31/395 7A61K 31/427 7A61K 31/4725**  
[25] EN  
[54] **TREATMENT OF NECROTIZING INFECTIONS**  
[54] **TRAITEMENT D'INFECTIONS NECROSANTES**  
[72] FUISZ, RICHARD C., US  
[71] FUISZ TECHNOLOGIES LTD., US  
[22] 1999-12-29  
[43] 2001-06-29

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[21] **2,293,916**  
[13] A1

[51] **Int.Cl. 7B65D 5/30**  
[25] EN  
[54] **CARTON TRAY AND METHOD OF FORMING SAME**  
[54] **PLATEAU EN CARTON ET TECHNIQUE DE MONTAGE DE CELUI-CI**  
[72] DALRYMPLE, BRUCE H., US  
[71] MALNOVE HOLDING CO., INC., US  
[22] 1999-12-31  
[43] 2001-06-30

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[21] **2,293,919**  
[13] A1

[51] **Int.Cl. 7A61M 37/00**  
[25] EN  
[54] **BAG FOR ACCOMMODATING A FIRST SUBSTANCE TO BE INSERTED, IN PARTICULAR, INTO THE HUMAN OR ANIMAL BODY**  
[54] **SAC POUR PLACER UNE PREMIERE SUBSTANCE A INJECTER, EN PARTICULIER, DANS LE CORPS D'UN ETRE HUMAIN OU D'UN ANIMAL**  
[72] BAUMANN, KARLHEINZ, DE  
[72] FRITZMEIER, FRANZ, DE  
[72] SCHWIETZ, HORST, DE  
[72] KRAUSE, MICHAEL, DE  
[72] MADER, HELMUT, DE  
[71] NUTRICHEM DIÄT + PHARMA GMBH, DE  
[22] 1999-12-31  
[43] 2001-06-30

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[21] **2,293,920**  
[13] A1

[51] **Int.Cl. 7H04L 12/56 7H04Q 3/52**  
[25] EN  
[54] **GLOBAL DISTRIBUTED SWITCH**  
[54] **COMMUTATEUR A REPARTITION MONDIALE**  
[72] BESHAI, MAGED E., CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 1999-12-31  
[43] 2001-06-30

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[21] **2,293,975**  
[13] A1

[51] **Int.Cl. 7G06F 17/60 7G08C 19/00 7G07G 1/14 7G07F 17/40**  
[25] EN  
[54] **YUMCHA 2000 P.O.S.**  
[54] **SYSTEME DE POINT DE VENDE DIM SUM « YUMCHA 2000 P.O.S. »**  
[72] TONG, NORMAN TAM, CA  
[71] TONG, NORMAN TAM, CA  
[22] 1999-12-28  
[43] 2001-06-28

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[21] **2,294,554**  
[13] A1

[51] **Int.Cl. 7G06F 7/52**  
[25] EN  
[54] **METHOD AND CIRCUIT FOR MULTIPLICATION USING BOOTH ENCODING AND ITERATIVE ADDITION TECHNIQUES**  
[54] **METHODE ET CIRCUIT DE MULTIPLICATION UTILISANT LE CODE DE BOOTH ET L'ADDITION ITERATIVE**  
[72] AMER, MAHER, CA  
[71] MOSAID TECHNOLOGIES INCORPORATED, CA  
[22] 1999-12-30  
[43] 2001-06-30

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[21] **2,294,555**  
[13] A1  
[51] **Int.Cl. 7H04B 10/12 7H04B 10/24**  
[25] EN  
[54] **OPTIMIZATION OF A COMMUNICATIONS SYSTEM BASED ON IDENTIFICATION OF AN OPTICAL MEDIUM**  
[54] **OPTIMISATION D'UN SYSTEME DE COMMUNICATION BASE SUR L'IDENTIFICATION D'UN SUPPORT OPTIQUE**  
[72] CHAN, LES C., CA  
[72] ROBERTS, KIM B., CA  
[72] O'SULLIVAN, MAURICE S., CA  
[72] WARREN, PAUL A., CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 1999-12-30  
[43] 2001-06-30

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[21] **2,294,623**  
[13] A1  
[51] **Int.Cl. 7H01M 2/02**  
[25] EN  
[54] **THERMO SAC**  
[54] **SAC ISOLANT**  
[72] BUSSUE, JOEL, CA  
[71] BUSSUE, JOEL, CA  
[22] 1999-12-31  
[43] 2001-06-30

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[21] **2,294,625**  
[13] A1  
[51] **Int.Cl. 7A61G 7/043 7A61M 21/02**  
[25] EN  
[54] **SLEEP SLOPE MECHANISM**  
[54] **MECANISME D'INCLINAISON POUR MATELAS**  
[72] CARROLL, NEIL, CA  
[71] CARROLL, NEIL, CA  
[22] 1999-12-31  
[43] 2001-06-30

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[21] **2,295,045**  
[13] A1  
[51] **Int.Cl. 7G08B 5/36**  
[25] EN  
[54] **THE SIGNAL**  
[54] **DISPOSITIF « THE SIGNAL »**  
[72] CHAPDELAINE, JOHN, CA  
[71] CHAPDELAINE, JOHN, CA  
[22] 1999-12-31  
[43] 2001-06-30

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[21] **2,295,422**  
[13] A1  
[51] **Int.Cl. 7C09J 7/02 7G09F 3/10**  
[25] EN  
[54] **PROCESS TO PRODUCE TRANSLUCENT COLORED REMOVABLE TAPE**  
[54] **PROCEDE POUR FABRIQUER DU RUBAN ADHESIF COLORE TRANSLUCIDE AMOVIBLE**  
[72] ROTHMAN, RUSSEL DAVID, CA  
[71] ROTHMAN, RUSSEL DAVID, CA  
[22] 1999-12-30  
[43] 2001-06-30

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[21] **2,296,132**  
[13] A1  
[51] **Int.Cl. 7B29C 44/32**  
[25] EN  
[54] **EXPANDED EXTRUDED POLYMERIC TEXTILE**  
[54] **TISSU POLYMERIQUE ELARGI ET EXTRUDE**  
[72] DESAI, DILIPKUMAR R., CA  
[71] DESAI, DILIPKUMAR R., CA  
[22] 2000-01-14  
[43] 2001-06-24  
[30] CA (2,293,147) 1999-12-24

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[21] **2,299,067**  
[13] A1  
[51] **Int.Cl. 7C09D 171/02 7C09D 133/14 7C09D 175/16 7C04B 41/83**  
[25] EN  
[54] **COATING COMPOSITION FOR A CERAMIC ARTICLE AND USE IN REPAIRING DEFECTS IN GLAZED CERAMIC ARTICLES**  
[54] **COMPOSITION DE REVETEMENT POUR UN ARTICLE EN CERAMIQUE ET SON UTILISATION POUR LA REPARATION DE DEFAUTS DANS DES ARTICLES EN CERAMIQUE EMAILLEE**  
[72] KORTMAN, JENS JOHAN, CA  
[72] CRAWLEY, JOHN KEVIN, CA  
[72] MITOBE, JEFF BRENT, CA  
[72] JOSSINET, FRANCOIS ARMAND, CA  
[71] CRANE CANADA INC., CA  
[22] 2000-02-22  
[43] 2001-06-30  
[30] CA (2,293,182) 1999-12-30

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[21] **2,299,571**  
[13] A1  
[51] **Int.Cl. 7A45D 33/26 7G10K 15/04 7A47K 5/12 7A45D 33/18**  
[25] EN  
[54] **SOUND EMITTING DISPENSER**  
[54] **DISTRIBUTEUR EMETTANT DES SONS**  
[72] LU, PAO-SHU, TW  
[71] ALLURE HOME CREATION CO., INC., US  
[22] 2000-02-24  
[43] 2001-06-29  
[30] US (09/474,656) 1999-12-29

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[21] **2,300,727**  
[13] A1  
[51] **Int.Cl. 7H02N 11/00**  
[25] EN  
[54] **ANTI-GRAVITY DEVICE**  
[54] **DISPOSITIF ANTI-GRAVITE**  
[72] ALBEE, LYLE J., CA  
[71] ALBEE, LYLE J., CA  
[22] 1999-12-29  
[43] 2001-06-29

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[21] **2,305,081**  
[13] A1  
[51] **Int.Cl. 7G01J 3/24**  
[25] EN  
[54] **MONOCHROMATOR AND SPECTROMETRIC METHOD**  
[54] **MONOCHROMATEUR ET METHODE SPECTROMETRIQUE**  
[72] NISHINA, SHIGEKI, JP  
[71] ADVANTEST CORPORATION, JP  
[22] 2000-04-12  
[43] 2001-06-27  
[30] JP (11-371828) 1999-12-27

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[21] **2,307,737**  
[13] A1  
[51] **Int.Cl. 7B23K 37/053**  
[25] EN  
[54] **STERILE CONTAINMENT WELDING DEVICE WITH SELF-MONITORING HEATER UNIT FOR PLASTIC TUBES**  
[54] **DISPOSITIF DE SOUAGE DE CONTENANTS STERILES AVEC CHAUFFAGE SOUS AUTOSURVEILLANCE DE TUBES EN PLASTIQUE**  
[72] IVANSONS, IVARS V., US  
[71] DENCO, INC., US  
[22] 2000-05-08  
[43] 2001-06-30  
[30] US (09/476,213) 1999-12-30

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**Demandes canadiennes mises à la disponibilité du public**  
**24 juin 2001 - 30 juin 2001**

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[21] **2,309,370**  
[13] A1

[51] **Int.Cl. 7B62D 25/08**  
[25] EN  
[54] **REINFORCEMENT STRUCTURE FOR APRON PANEL UNIT OF AUTOMOBILE**  
[54] **STRUCTURE DE RENFORT POUR JUPE D'AUTOMOBILE**  
[72] PARK, JONG-HO, KR  
[71] HYUNDAI MOTOR COMPANY, KR  
[22] 2000-05-25  
[43] 2001-06-30  
[30] KR (99-68304) 1999-12-31

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[21] **2,309,867**  
[13] A1

[51] **Int.Cl. 7A63B 59/14**  
[25] EN  
[54] **THE SHTICK**  
[54] **«THE SHTICK» (BATON DE HOCKEY)**  
[72] CHILD, LAURA E., CA  
[71] CHILD, LAURA E., CA  
[22] 2000-05-30  
[43] 2001-06-27

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[21] **2,310,160**  
[13] A1

[51] **Int.Cl. 7F04B 39/04**  
[25] EN  
[54] **INTERNAL OIL SEPARATOR FOR COMPRESSORS OF REFRIGERATION SYSTEM**  
[54] **SEPARATEUR D'HUILE INTERNE POUR COMPRESSEURS OU CIRCUIT DE REFRIGERATION**  
[72] JANG, KIL SANG, KR  
[71] HALLA CLIMATE CONTROL CORP., KR  
[22] 2000-05-30  
[43] 2001-06-30  
[30] KR (10-1999-0066672) 1999-12-30  
[30] KR (10-2000-0012640) 2000-03-14

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[21] **2,311,839**  
[13] A1

[51] **Int.Cl. 7G02C 5/00**  
[25] EN  
[54] **EYE WEAR WITH SNAP-TOGETHER BRIDGE**  
[54] **PIECE DE LUNETTERIE A ARCADE AMOVIBLE**  
[72] LANDO, RON, ZZ  
[71] LANDO, RON, US  
[22] 2000-06-16  
[43] 2001-06-30  
[30] US (09/476,587) 1999-12-31

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[21] **2,311,914**  
[13] A1

[51] **Int.Cl. 7G06K 9/20**  
[25] EN  
[54] **MICROTHERMISTOR BASED FINGERPRINT SENSOR**  
[54] **CAPTEUR DACTYLOSCOPIQUE BASE SUR UNE THERMISTANCE MINIATURE**  
[72] PICARD, FRANCIS, CA  
[71] INSTITUT NATIONAL D'OPTIQUE, CA  
[22] 2000-06-16  
[43] 2001-06-24  
[30] CA (2,293,118) 1999-12-24  
[30] US (60/171,656) 1999-12-27

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[21] **2,312,853**  
[13] A1

[51] **Int.Cl. 7F02M 55/00 7F02M 61/04**  
[25] EN  
[54] **FUEL INJECTOR ASSEMBLY HAVING AN IMPROVED SOLENOID OPERATED CHECK VALVE**  
[54] **INJECTEUR MUNI D'UN CLAPET ANTI-RABATTEMENT A SOLENOIDE AMELIORE**  
[72] JIANG, HE, US  
[71] DETROIT DIESEL CORPORATION, US  
[22] 2000-06-29  
[43] 2001-06-28  
[30] US (09/473,044) 1999-12-28

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[21] **2,312,854**  
[13] A1

[51] **Int.Cl. 7F02M 63/00 7F02M 63/02 7F02M 61/04 7F02M 59/16 7F02D 41/30**  
[25] EN  
[54] **AN ELECTRONIC CONTROLLED DIESEL FUEL INJECTION SYSTEM**  
[54] **SYSTEME D'INJECTION DE CARBURANT DIESEL CONTROLE ELECTRONIQUEMENT**  
[72] JIANG, HE, US  
[71] DETROIT DIESEL CORPORATION, US  
[22] 2000-06-29  
[43] 2001-06-27  
[30] US (09/472,284) 1999-12-27

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[21] **2,313,592**  
[13] A1

[51] **Int.Cl. 7H04L 29/10 7H04L 29/06 7H04M 11/06**  
[25] EN  
[54] **PROTOCOL CONVERSION AND TRANSLATION MODULE FOR TERMINAL APPLICATIONS**  
[54] **MODULE DE CONVERSION ET DE TRADUCTION DE PROTOCOLE POUR DES APPLICATIONS TERMINALES**  
[72] WEBSTER, WILLIAM THOMAS, CA  
[72] CHAPUT, GUY JOHN, CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 2000-07-07  
[43] 2001-06-27  
[30] US (09/472,913) 1999-12-27

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[21] **2,314,501**  
[13] A1

[51] **Int.Cl. 7B42F 3/04**  
[25] EN  
[54] **A RING BINDER MECHANISM**  
[54] **MECANISME DE RELIURE A ANNEAUX**  
[72] TO, CHUN YUEN, HK  
[71] WORLD WIDE STATIONERY MANUFACTURING COMPANY LIMITED, HK  
[22] 2000-07-20  
[43] 2001-06-27  
[30] US (09/472,155) 1999-12-27

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[21] **2,314,503**  
[13] A1

[51] **Int.Cl. 7B42F 3/04**  
[25] EN  
[54] **A RING BINDER MECHANISM**  
[54] **MECANISME DE RELIURE A ANNEAUX**  
[72] NG, WENG IO, HK  
[71] WORLD WIDE STATIONERY MANUFACTURING COMPANY LIMITED, HK  
[22] 2000-07-20  
[43] 2001-06-27  
[30] US (09/472,157) 1999-12-27

Canadian Laid-Open Applications  
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[21] **2,314,504**  
[13] A1  
[51] **Int.Cl. 7B42F 3/04**  
[25] EN  
[54] **A RING BINDER MECHANISM**  
[54] **MECANISME DE RELIURE A ANNEAUX**  
[72] NG, WENG IO, HK  
[71] WORLD WIDE STATIONERY MANUFACTURING COMPANY LIMITED, HK  
[22] 2000-07-20  
[43] 2001-06-27  
[30] US (09/472,156) 1999-12-27

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[21] **2,316,114**  
[13] A1  
[51] **Int.Cl. 7A61K 7/16**  
[25] EN  
[54] **CARRIER BLENDS FOR DENTIFRICES COMPRISING ETHOXYLATED POLYHYDRIC ALCOHOLS**  
[54] **MELANGES PORTEURS POUR DENTIFRICES COMPRENANT DES ALCOOLS POLYHYDRIQUES ETHOXYLES**  
[72] GUINEY, KATHLEEN M., US  
[72] GOPALKRISHNAN, SRIDHAR, US  
[71] BASF CORPORATION, US  
[22] 2000-08-17  
[43] 2001-06-27  
[30] US (09/472,488) 1999-12-27

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[21] **2,316,115**  
[13] A1  
[51] **Int.Cl. 7A61K 7/16**  
[25] EN  
[54] **AQUEOUS GELS COMPRISING ETHOXYLATED POLYHYDRIC ALCOHOLS**  
[54] **GELS AQUEUX COMPRENANT DES ALCOOLS POLYHYDRIQUES ETHOXYLES**  
[72] GUINEY, KATHLEEN M., US  
[72] HOLLAND, RICHARD J., US  
[72] DAILEY, JAMES S., US  
[72] GOPALKRISHNAN, SRIDHAR, US  
[71] BASF CORPORATION, US  
[22] 2000-08-17  
[43] 2001-06-27  
[30] US (09/472,471) 1999-12-27

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[21] **2,317,078**  
[13] A1  
[51] **Int.Cl. 7B61G 3/00**  
[25] EN  
[54] **COUPLER WITH EXTENDED EMERGENCY RELEASE AND TOWING FEATURE**  
[54] **DISPOSITIF DE RACCORD AVEC LEVIER DE DEVERROUILLAGE DE SECOURS ALLONGE ET CROCHET DE REMORQUAGE**  
[72] GRAU, CURTISS A., US  
[72] MULLIS, GEORGE C., US  
[71] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 2000-08-30  
[43] 2001-06-30  
[30] US (475,842) 1999-12-30

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[21] **2,317,079**  
[13] A1  
[51] **Int.Cl. 7F15B 13/042**  
[25] EN  
[54] **GRADUATED RELEASE VALVE**  
[54] **VALVE DE DESSERRAGE GRADUE**  
[72] SCOTT, TREVOR A., CA  
[72] STAHMER, ULF, CA  
[71] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 2000-08-30  
[43] 2001-06-30  
[30] US (475,846) 1999-12-30

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[21] **2,317,201**  
[13] A1  
[51] **Int.Cl. 7B32B 17/10 7C03C 27/12**  
[25] EN  
[54] **LAMINATED GLASS, AND METHOD AND APPARATUS FOR MANUFACTURING THE SAME**  
[54] **VERRE FEUILLETE, ET METHODE ET APPAREIL DE FABRICATION DE CELUI- CI**  
[72] HA, HWANG DOO, KR  
[72] JANG, HYUNG GYU, KR  
[71] P & H GLASS CO., LTD., KR  
[22] 2000-08-31  
[43] 2001-06-29  
[30] KR (10-1999-0065356) 1999-12-29  
[30] KR (10-2000-0007951) 2000-02-18  
[30] KR (10-2000-0048602) 2000-08-22

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[21] **2,317,783**  
[13] A1  
[51] **Int.Cl. 7H04L 29/06**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PROVIDING DYNAMIC HOST CONFIGURATION PROTOCOL (DHCP) TAGGING**  
[54] **METHODE ET APPAREIL PERMETTANT D'OFFRIR L'ETIQUETAGE DE PROTOCOLE DE CONFIGURATION DE SERVEUR DYNAMIQUE (DHCP)**  
[72] SAWYER, WILSON E., US  
[72] HANSEN, PATRICIA A., US  
[72] WHITE, GERRY, US  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 2000-09-06  
[43] 2001-06-30  
[30] US (09/475,388) 1999-12-30

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[21] **2,319,655**  
[13] A1  
[51] **Int.Cl. 7H04M 3/56 7H04L 12/56**  
[25] EN  
[54] **APPARATUS AND METHOD FOR PACKET-BASED MEDIA COMMUNICATIONS**  
[54] **APPAREIL ET METHODE DE COMMUNICATIONS PAR PAQUETS**  
[72] BURNS, NINA K., US  
[72] EDHOLM, PHILIP K., US  
[72] SIMARD, FREDERIC F., CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 2000-09-14  
[43] 2001-06-30  
[30] US (09/475,047) 1999-12-30

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[21] **2,319,858**  
[13] A1  
[51] **Int.Cl. 7E04B 2/00 7E04F 13/00 7E04B 1/38**  
[25] EN  
[54] **FASTENED STRUCTURE OF SIDING BOARDS**  
[54] **STRUCTURE FIXEE POUR PANNEAUX DE PAREMENT**  
[72] ITO, HIROSHI, JP  
[71] NICHIHA CORPORATION, JP  
[22] 2000-09-15  
[43] 2001-06-24  
[30] JP (367563/1999) 1999-12-24

**Demandes canadiennes mises à la disponibilité du public**  
**24 juin 2001 - 30 juin 2001**

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[21] **2,320,583**  
[13] A1

[51] **Int.Cl. 7B65H 23/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR STORING STRIP MATERIAL**  
[54] **METHODE ET APPAREILLAGE POUR LE STOCKAGE DE MATERIAU EN BANDE**  
[72] KUBINSKI, DONALD CHESTER, US  
[72] DYRLUND, CHRISTOPHER DAVID, US  
[71] MOFFATT, RODNEY TAYLOR, CA  
[72] BARKER, BRANDY CYAN, US  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[22] 2000-09-26  
[43] 2001-06-30  
[30] US (09/475,339) 1999-12-30

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[21] **2,320,663**  
[13] A1

[51] **Int.Cl. 7B60C 9/18**  
[25] EN  
[54] **CONTINUOUS FOLDED BELT AND SPLICE THEREFORE**  
[54] **CEINTURE REPLIEE A BANDE CONTINUE ET COUPE CONNEXE**  
[72] LOSEY, ROBERT ALLEN, US  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[22] 2000-09-26  
[43] 2001-06-28  
[30] US (09/474,034) 1999-12-28

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[21] **2,320,686**  
[13] A1

[51] **Int.Cl. 7G06F 17/60 7G06F 19/00 7G06F 17/30**  
[25] EN  
[54] **FORMATTING COMPUTER GENERATED DOCUMENTS FOR OUTPUT**  
[54] **FORMATAGE AVANT SORTIE DE DOCUMENTS PRODUITS PAR ORDINATEUR**  
[72] TREPPENDAHL, JAMSIE R., US  
[72] MIDDENDORF, ALAN LEE, US  
[72] MCELRAFTH, SUSAN CHERYL, US  
[72] HOHENSEE, REINHARD HEINRICH, US  
[72] BUIS, ROGER LEE, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 2000-09-27  
[43] 2001-06-30  
[30] US (09/475,963) 1999-12-30

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[21] **2,321,401**  
[13] A1

[51] **Int.Cl. 7H04M 1/738**  
[25] EN  
[54] **TRANSFORMER-COUPLED LINE INTERFACE CIRCUIT**  
[54] **CIRCUIT D'INTERFACE DE LIGNE COUPLEE PAR TRANSFORMATEUR**  
[72] CRAMM, COLIN H., CA  
[72] HUPE, GERARD J., CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 2000-09-28  
[43] 2001-06-30  
[30] US (09/475,045) 1999-12-30

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[21] **2,322,405**  
[13] A1

[51] **Int.Cl. 7A43B 13/38**  
[25] EN  
[54] **WORK INSOLES**  
[54] **SEMELLES INTERIEURES DE TRAVAIL**  
[72] GRAY, DONALD K., US  
[72] ROGERS, W. SCOTT, US  
[72] HOWLETT, HAROLD A., US  
[72] YANG, PHILIP C., US  
[72] CRANE, LAURA J., US  
[72] GOODRICH, KELLIE M., US  
[71] SCHERING-PLOUGH HEALTHCARE PRODUCTS, INC., US  
[22] 2000-10-05  
[43] 2001-06-30  
[30] US (09/476,642) 1999-12-31

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[21] **2,322,934**  
[13] A1

[51] **Int.Cl. 7G01R 19/00 7G01R 35/00 7H04M 3/22**  
[25] EN  
[54] **CURRENT SENSING CIRCUIT AND TELEPHONE LINE INTERFACE CARD WITH ENHANCED CURRENT SENSING CIRCUIT**  
[54] **CIRCUIT AMPEROMETRIQUE ET CARTE D'INTERFACE DE LIGNE TELEPHONIQUE AVEC CIRCUIT AMPEROMETRIQUE AMELIORE**  
[72] HANDFORTH, MARTIN R., CA  
[72] MCGINN, DONALD SCOTT, CA  
[72] BISSON, ROBERT L., CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 2000-10-11  
[43] 2001-06-27  
[30] US (09/472,594) 1999-12-27

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[21] **2,322,964**  
[13] A1

[51] **Int.Cl. 7H04Q 3/64 7H04L 12/56**  
[25] EN  
[54] **ADVANCED CALL FEATURES FOR INTERNET ENABLED AUTOMATIC CALL DISTRIBUTION SYSTEM**  
[54] **CARACTERISTIQUES D'APPEL AMELIOREES POUR SYSTEME AUTOMATIQUE DE DISTRIBUTION D'APPELS AXE SUR INTERNET**  
[72] LEE, MICHAEL C. G., CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 2000-10-10  
[43] 2001-06-27  
[30] US (09/472,910) 1999-12-27

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[21] **2,323,028**  
[13] A1

[51] **Int.Cl. 7H04L 12/56 7G08C 19/36**  
[25] EN  
[54] **OPTICAL PACKET SWITCHING**  
[54] **COMMUTATION OPTIQUE PAR PAQUETS**  
[72] EPWORTH, RICHARD, GB  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 2000-10-10  
[43] 2001-06-29  
[30] US (09/474,540) 1999-12-29

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[21] **2,324,064**  
[13] A1

[51] **Int.Cl. 7H04L 29/10 7H04L 12/56**  
[25] EN  
[54] **AN IP QOS ADAPTATION AND MANAGEMENT SYSTEM AND METHOD**  
[54] **SYSTEME ET METHODE DE GESTION ET D'ADAPTATION DE LA QUALITE DE SERVICE IP**  
[72] ZHUANG, JIANDONG, CA  
[72] LI, XIAO-DONG, CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 2000-10-23  
[43] 2001-06-28  
[30] US (09/472,804) 1999-12-28

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[21] **2,324,094**  
[13] A1

[51] **Int.Cl. 7H04L 9/08**  
[25] EN  
[54] **ENCRYPTION KEY EXCHANGE  
PROTOCOL**  
[54] **PROTOCOLE D'ECCHANGE DE  
CLES DE CHIFFREMENT**  
[72] LEE, MICHAEL C. G., CA  
[72] PARISIEN, BRIAN R., CA  
[71] NORTEL NETWORKS  
CORPORATION, CA  
[22] 2000-10-23  
[43] 2001-06-30  
[30] US (09/475,044) 1999-12-30

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[21] **2,324,128**  
[13] A1

[51] **Int.Cl. 7G06F 17/30 7H04L 29/02**  
[25] EN  
[54] **METHOD OF AND APPARATUS  
FOR GENERATING A TREE DATA  
STRUCTURE SUPPORTING LONGEST  
MATCH LOOKUP**  
[54] **METHODE ET APPAREIL DE  
PRODUCTION D'UNE STRUCTURE  
ARBORESCENTE DE DONNEES  
PERMETTANT LA RECHERCHE DES  
CONCORDANCES LES PLUS  
LONGUES**  
[72] ST.DENIS, BERNARD B., CA  
[72] RAHMAN, RASHAD R., CA  
[72] TSIER, YURI, CA  
[71] NORTEL NETWORKS  
CORPORATION, CA  
[22] 2000-10-24  
[43] 2001-06-30  
[30] US (09/475,722) 1999-12-30

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[21] **2,324,180**  
[13] A1

[51] **Int.Cl. 7H04L 12/12 7H04L 29/10**  
[25] EN  
[54] **METHODS AND APPARATUS FOR  
PROVIDING A PORTABLE USER  
INTERFACE**  
[54] **METHODES ET APPAREIL POUR  
FOURNIR UNE INTERFACE  
UTILISATEUR PORTATIVE**  
[72] JACOBSON, GUY J., US  
[72] DEMARCO, RALPH RICHARD JR.,  
US  
[72] BEGEJA, LEE, US  
[72] NGUYEN, DU T., US  
[72] KIRNOS, ILYA M., US  
[71] AT&T CORP., US  
[22] 2000-10-23  
[43] 2001-06-27  
[30] US (09/472,628) 1999-12-27

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[21] **2,324,549**  
[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **SYSTEM AND METHOD FOR  
PROCESSING CLAIMS**  
[54] **SYSTEME ET METHODE DE  
TRAITEMENT DES RECLAMATIONS**  
[72] ROCK, HARVEY B., US  
[71] TESIA, INC., US  
[22] 2000-10-26  
[43] 2001-06-30  
[30] US (09/475,917) 1999-12-30

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[21] **2,324,661**  
[13] A1

[51] **Int.Cl. 7A63B 21/065**  
[25] EN  
[54] **ADJUSTABLE WEIGHTED VEST**  
[54] **MAILLOT D'EXERCICE  
LESTABLE**  
[72] WINSTON, EDITH, US  
[71] WINSTON, EDITH, US  
[22] 2000-10-30  
[43] 2001-06-30  
[30] US (09/476,802) 1999-12-30

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[21] **2,324,694**  
[13] A1

[51] **Int.Cl. 7H04Q 7/32 7H04M 1/725**  
[25] EN  
[54] **FOLDABLE PORTABLE  
TELEPHONE**  
[54] **TELEPHONE PORTATIF PLIABLE**  
[72] YAMAOKA, MICHYUKI, JP  
[72] AKAO, MASAHIDE, JP  
[71] SANYO ELECTRIC CO., LTD., JP  
[22] 2000-10-26  
[43] 2001-06-27  
[30] JP (11-370326) 1999-12-27

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[21] **2,324,849**  
[13] A1

[51] **Int.Cl. 7H04M 15/00 7H04M 11/06**  
[25] EN  
[54] **SUBSCRIPTION-BASED BILLING  
METHODS AND SYSTEMS FOR  
SHARED NETWORK MODEM POOLS**  
[54] **SYSTEMES ET METHODES DE  
FACTURATION PAR ABONNEMENT  
POUR BAIES DE MODEMS EN RESEAU**  
[72] CHIEN, HERMAN, US  
[71] AT&T WIRELESS SERVICES, INC.,  
US  
[22] 2000-11-01  
[43] 2001-06-28  
[30] US (60/173,416) 1999-12-28  
[30] US (09/665,780) 2000-09-20

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[21] **2,325,094**  
[13] A1

[51] **Int.Cl. 7F24C 15/00 7H02H 5/00  
7G01V 3/00**  
[25] EN  
[54] **DEVICE FOR SENSING THE  
PRESENCE OF PANS AND THE LIKE  
ON COOKING APPLIANCES**  
[54] **DISPOSITIF POUR DETECTER LA  
PRESENCE DE CASSEROLES ET  
AUTRES OBJETS SEMBLABLES SUR  
DES APPAREILS DE CUISSON**  
[72] BRINDANI, FRANCO, IT  
[72] FRASNETTI, LUCA, IT  
[71] WHIRLPOOL CORPORATION, US  
[22] 2000-11-03  
[43] 2001-06-24  
[30] IT (MI99A002707) 1999-12-24

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[21] **2,325,174**  
[13] A1

[51] **Int.Cl. 7G01F 23/22 7G01F 23/28**  
[25] EN  
[54] **METHOD AND DEVICE FOR  
DETERMINING THE LIMIT LEVEL OF  
A MEDIUM IN A VESSEL**  
[54] **METHODE ET APPAREIL POUR  
DETERMINER LE NIVEAU LIMITE  
D'UNE SUBSTANCE DANS UN  
CONTENANT**  
[72] CUMMINGS, DONALD D., US  
[72] WARTMANN, GERD, US  
[72] NEUHAUS, JOACHIM, DE  
[72] PANDIT, VISHRAM, US  
[72] PERDUE, KENNETH L., US  
[71] ENDRESS + HAUSER GMBH + CO.,  
DE  
[22] 2000-11-06  
[43] 2001-06-29  
[30] US (09/473,427) 1999-12-29

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[21] **2,325,646**  
[13] A1

[51] **Int.Cl. 7G01J 3/28**  
[25] EN  
[54] **OPTICAL REFERENCE ELEMENT  
AND PROCEDURE FOR THE  
SPECTRAL CALIBRATION OF AN  
OPTICAL SPECTRUM ANALYZER**  
[54] **ELEMENT ET PROCEDURE DE  
REFERENCE OPTIQUE PERMETTANT  
L'ETALONNAGE SPECTRAL D'UN  
ANALYSEUR DE SPECTRE OPTIQUE**  
[72] LOECKLIN, EBERHARD, DE  
[71] WAVETEK WANDEL  
GOLTERMANN ENINGEN GMBH & CO.,  
DE  
[22] 2000-11-09  
[43] 2001-06-30  
[30] EP (99 126 251.0-2217) 1999-12-31

**Demandes canadiennes mises à la disponibilité du public**  
**24 juin 2001 - 30 juin 2001**

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[21] **2,325,670**  
[13] A1

[51] **Int.Cl. 7H04L 12/46 7H04L 12/24**  
[25] EN  
[54] **METHOD FOR PERFORMING ROAMING AMONGST MULTIPLE IP NETWORKS**  
[54] **METHODE D'ITINERANCE ENTRE RESEAUX IP MULTIPLES**  
[72] WANG, SPENCER C., US  
[72] WALKER, HOPETON S., US  
[72] KUNG, FEN-CHUNG, US  
[71] AT&T CORP., US  
[22] 2000-11-10  
[43] 2001-06-30  
[30] US (09/475,287) 1999-12-30

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[21] **2,325,787**  
[13] A1

[51] **Int.Cl. 7H04L 12/18 7H04L 12/26**  
[25] EN  
[54] **METHOD FOR PROVIDING SUMMARY INFORMATION ABOUT RECIPIENTS OF IP MULTICAST SESSIONS**  
[54] **METHODE POUR FOURNIR DE L'INFORMATION SOMMAIRE SUR DES DESTINATAIRES BENEFICIAIRE DE SEANCES A DIFFUSION MULTIPLE**  
[72] BHAGAVATH, VIJAY K., US  
[72] O'NEIL, JOSEPH THOMAS, US  
[71] AT&T CORP., US  
[22] 2000-11-10  
[43] 2001-06-28  
[30] US (09/473,544) 1999-12-28

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[21] **2,325,792**  
[13] A1

[51] **Int.Cl. 7H04L 29/02 7H04M 11/06**  
[25] EN  
[54] **SIMPLIFIED IP SERVICE CONTROL**  
[54] **CONTROLE SIMPLIFIE DE SERVICE IP**  
[72] KUNG, FEN-CHUNG, US  
[72] RUSSELL, JESSE EUGENE, US  
[72] WANG, SPENCER, US  
[72] WALKER, HOPETON, US  
[71] AT&T CORP., US  
[22] 2000-11-14  
[43] 2001-06-30  
[30] US (09/475,667) 1999-12-30

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[21] **2,325,920**  
[13] A1

[51] **Int.Cl. 7H04L 12/16 7G06F 17/60**  
[25] EN  
[54] **SYSTEM AND METHOD FOR PROVIDING ADVERTISING BASED ON USER PREFERENCES AND ADVERTISER REQUIREMENTS**  
[54] **SYSTEME ET METHODE POUR CONCEVOIR DES ANNONCES EN FONCTION DES PREFERENCES DE L'UTILISATEUR ET DES EXIGENCES DE L'ANNONCEUR**  
[72] BANSAL, PRADEEP K., US  
[72] CRESWELL, CARROLL W., US  
[72] BEGEJA, LEE, US  
[72] FARAH, JEFFREY JOSEPH, US  
[71] AT&T CORP., US  
[22] 2000-11-14  
[43] 2001-06-29  
[30] US (09/474,292) 1999-12-29

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[21] **2,325,962**  
[13] A1

[51] **Int.Cl. 7C07C 37/82**  
[25] EN  
[54] **METHOD FOR REMOVING BORON FROM POLYALKYL HYDROXYAROMATICS**  
[54] **METHODE POUR ELIMINER LE BORE DE COMPOSES HYDROXYAROMATIQUES POLYALCOYLES**  
[72] GRAY, JAMES, US  
[72] TRICONNET, THIERRY, FR  
[71] CHEVRON ORONITE COMPANY LLC, US  
[71] CHEVRON ORONITE S.A., FR  
[22] 2000-11-14  
[43] 2001-06-30  
[30] US (09/475,913) 1999-12-30

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[21] **2,326,011**  
[13] A1

[51] **Int.Cl. 7H04L 29/02 7H04M 11/06**  
[25] EN  
[54] **BRG WITH PBX CAPABILITIES**  
[54] **PASSERELLE RESIDENTIELLE A LARGE BANDE PERMETTANT LES FONCTIONS PBX**  
[72] WALKER, HOPETON, US  
[72] WANG, SPENCER, US  
[72] RUSSELL, JESSE EUGENE, US  
[72] KUNG, FEN-CHUNG, US  
[71] AT&T CORP., US  
[22] 2000-11-15  
[43] 2001-06-30  
[30] US (09/475,165) 1999-12-30

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[21] **2,326,070**  
[13] A1

[51] **Int.Cl. 7H04Q 3/64 7H04L 29/06**  
[25] EN  
[54] **HANDHELD INTEGRATED IP DEVICE**  
[54] **DISPOSITIF IP INTEGRE PORTATIF**  
[72] KUNG, FEN-CHUNG, US  
[72] WANG, SPENCER C., US  
[72] WALKER, HOPETON, US  
[71] AT&T CORP., US  
[22] 2000-11-16  
[43] 2001-06-30  
[30] US (09/475,672) 1999-12-30

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[21] **2,326,083**  
[13] A1

[51] **Int.Cl. 7H04L 29/02 7H04L 12/16**  
[25] EN  
[54] **A METHOD OF SELECTING AN ARCHITECTURE MODE FOR ACCESSING A NETWORK**  
[54] **METHODE POUR SELECTIONNER UN MODE D'ARCHITECTURE POUR AVOIR ACCES A UN RESEAU**  
[72] SAHINOGLU, ZAFER, US  
[72] BHAGAVATH, VIJAY K., US  
[71] AT&T CORP., US  
[22] 2000-11-14  
[43] 2001-06-29  
[30] US (09/474,085) 1999-12-29

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[21] **2,326,199**  
[13] A1

[51] **Int.Cl. 7H04L 12/16 7G06F 17/60**  
[25] EN  
[54] **METHOD AND APPARATUS FOR APPLICATION PROGRAM SPECIFICATION AND RUN TIME EXECUTION PROVIDING FOR THE SEPARATION OF BUSINESS APPLICATION PROGRAMMING AND USER INTERFACE PROGRAMMING**  
[54] **METHODE ET APPAREIL POUR LA SPECIFICATION D'APPLICATIONS ET EXECUTION PERMETTANT DE SEPARER LES APPLICATIONS COMMERCIALES ET LES APPLICATIONS D'INTERFACES UTILISATEURS**  
[72] WILSON, TIMOTHY T., US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 2000-11-17  
[43] 2001-06-29  
[30] US (09/473,605) 1999-12-29

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[21] **2,326,230**  
[13] A1  
[51] **Int.Cl. 7H04L 12/16 7H04N 7/14**  
[25] EN  
[54] **INTEGRATED MULTIMEDIA MESSAGING SERVICE**  
[54] **SERVICE DE MESSAGERIE MULTIMEDIA INTEGREE**  
[72] KUNG, FEN-CHUNG, US  
[72] RUSSELL, JESSE EUGENE, US  
[72] WALKER, HOPETON, US  
[72] SANKALIA, ANISH, US  
[72] WANG, SPENCER, US  
[71] AT&T CORP., US  
[22] 2000-11-17  
[43] 2001-06-30  
[30] US (09/475,294) 1999-12-30

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[21] **2,326,267**  
[13] A1  
[51] **Int.Cl. 7H04M 15/14 7H04M 11/06 7H04M 15/32**  
[25] EN  
[54] **PERSONAL USER NETWORK (CLOSED USER NETWORK) PUN/CUN**  
[54] **RESEAU D'UTILISATEURS FERME**  
[72] FEN-CHUNG, KUNG, US  
[72] RUSSELL, JESSE EUGENE, US  
[72] WANG, SPENCER, US  
[72] WALKER, HOPETON, US  
[71] AT&T CORP., US  
[22] 2000-11-17  
[43] 2001-06-30  
[30] US (09/475,295) 1999-12-30

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[21] **2,326,278**  
[13] A1  
[51] **Int.Cl. 7H04B 17/00 7H04L 12/26**  
[25] EN  
[54] **REMOTE MONITORING THROUGH THE BRG**  
[54] **CONTROLE A DISTANCE AU MOYEN DE LA PASSERELLE RESIDENTIELLE A LARGE BANDE**  
[72] WANG, SPENCER, US  
[72] SANKALIA, ANISH, US  
[72] RUSSELL, JESSE EUGENE, US  
[72] KUNG, FEN-CHUNG, US  
[71] AT&T CORP., US  
[22] 2000-11-20  
[43] 2001-06-30  
[30] US (09/475,666) 1999-12-30

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[21] **2,326,294**  
[13] A1  
[51] **Int.Cl. 7H04M 1/677 7H04L 12/12**  
[25] EN  
[54] **PERSONAL IP TOLL-FREE NUMBER**  
[54] **NUMERO IP PERSONNEL SANS FRAIS**  
[72] SANKALIA, ANISH, US  
[72] KUNG, FEN-CHUNG, US  
[72] RUSSELL, JESSE EUGENE, US  
[72] WANG, SPENCER, US  
[72] WALKER, HOPETON, US  
[71] AT&T CORP., US  
[22] 2000-11-20  
[43] 2001-06-30  
[30] US (09/475,194) 1999-12-30

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[21] **2,326,465**  
[13] A1  
[51] **Int.Cl. 7B63H 11/00**  
[25] EN  
[54] **INLET STRUCTURE FOR WATER JET APPARATUS MOUNTED TO BOAT HULL**  
[54] **STRUCTURE D'ENTREE POUR APPAREIL A JET D'EAU MONTE SUR LA COQUE D'UN BATEAU**  
[72] WESTHOFF, PAUL E., US  
[72] FREITAG, MICHAEL W., US  
[71] OUTBOARD MARINE CORPORATION, US  
[22] 2000-11-20  
[43] 2001-06-24  
[30] US (09/469,940) 1999-12-24

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[21] **2,326,481**  
[13] A1  
[51] **Int.Cl. 7B63H 23/06 7B63H 23/32**  
[25] EN  
[54] **BEARING ARRANGEMENT FOR DRIVE SHAFT OF WATER JET APPARATUS**  
[54] **ENSEMBLE SUPPORT POUR ARBRE DE TRANSMISSION D'UN APPAREIL A JET D'EAU**  
[72] FREITAG, MICHAEL W., US  
[72] MCCHESENEY, RICHARD M., US  
[72] WESTHOFF, PAUL E., US  
[71] OUTBOARD MARINE CORPORATION, US  
[22] 2000-11-21  
[43] 2001-06-24  
[30] US (09/469,594) 1999-12-24

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[21] **2,326,572**  
[13] A1  
[51] **Int.Cl. 7H04L 29/02 7H04L 12/16 7H04N 7/173**  
[25] EN  
[54] **SESSION SUBSCRIPTION SYSTEM AND METHOD FOR SAME**  
[54] **SYSTEME ET METHODE D'ABONNEMENT PAR SESSION**  
[72] CHIEN, HERMAN, US  
[71] AT&T WIRELESS SERVICES, INC., US  
[22] 2000-11-16  
[43] 2001-06-30  
[30] US (09/474,839) 1999-12-30

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[21] **2,326,696**  
[13] A1  
[51] **Int.Cl. 7B63B 3/00 7B63H 11/00**  
[25] EN  
[54] **ARRANGEMENT FOR MOUNTING PROPULSION UNIT TO BOAT HULL**  
[54] **DISPOSITIF POUR MONTER UNE UNITE DE PROPULSION SUR LA COQUE D'UN BATEAU**  
[72] FREITAG, MICHAEL W., US  
[71] OUTBOARD MARINE CORPORATION, US  
[22] 2000-11-21  
[43] 2001-06-24  
[30] US (09/470,960) 1999-12-24

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[21] **2,326,698**  
[13] A1  
[51] **Int.Cl. 7B63H 11/107**  
[25] EN  
[54] **REVERSE GATE FOR WATER JET APPARATUS**  
[54] **ENTRAINEMENT ARRIERE POUR APPAREIL A JET D'EAU**  
[72] WESTHOFF, PAUL E., US  
[72] JONES, JAMES R., US  
[71] OUTBOARD MARINE CORPORATION, US  
[22] 2000-11-21  
[43] 2001-06-24  
[30] US (09/472,715) 1999-12-24

**Demandes canadiennes mises à la disponibilité du public**  
**24 juin 2001 - 30 juin 2001**

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[21] **2,326,701**  
[13] A1

[51] **Int.Cl. 7B63H 25/46 7B63B 3/00 7B63H 11/107**  
[25] EN  
[54] **SHIFT AND STEERING CONTROL SYSTEM FOR WATER JET APPARATUS**  
[54] **SYSTEME DE CHANGEMENT DE VITESSE ET DE COMMANDE DE DIRECTION POUR APPAREIL A JET D'EAU**  
[72] FREITAG, MICHAEL W., US  
[72] WESTHOFF, PAUL E., US  
[72] MCCHESENEY, RICHARD M., US  
[71] OUTBOARD MARINE CORPORATION, US  
[22] 2000-11-21  
[43] 2001-06-24  
[30] US (09/472,714) 1999-12-24

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[21] **2,326,754**  
[13] A1

[51] **Int.Cl. 7H04L 12/66 7H04M 11/06**  
[25] EN  
[54] **BROADBAND CABLE TELEPHONY NETWORK ARCHITECTURE IP ITN NETWORK ARCHITECTURE REFERENCE MODEL**  
[54] **MODELE DE REFERENCE POUR ARCHITECTURE DE RESEAU NTI IP DE TELEPHONIE PAR CABLE A LARGE BANDE**  
[72] WANG, SPENCER, US  
[72] SANKALIA, ANISH, US  
[72] RUSSELL, JESSE EUGENE, US  
[72] KUNG, FEN-CHUNG, US  
[71] AT&T CORP., US  
[22] 2000-11-24  
[43] 2001-06-30  
[30] US (09/475,141) 1999-12-30

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[21] **2,326,802**  
[13] A1

[51] **Int.Cl. 7F16L 3/12 7B29D 23/00 7B29C 47/08**  
[25] EN  
[54] **EXTRUDED ACOUSTIC PIPE SUPPORT AND METHOD OF MANUFACTURE**  
[54] **SUPPORT DE TUYAU ACOUSTIQUE EXTRUDE ET METHODE DE FABRICATION CONNEXE**  
[72] HOWE, SAMUEL H., US  
[71] LSP PRODUCTS GROUP, INC., US  
[22] 2000-11-24  
[43] 2001-06-30  
[30] US (09/475,551) 1999-12-30

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[21] **2,326,877**  
[13] A1

[51] **Int.Cl. 7B23K 9/095 7A42B 3/00 7B23K 9/32**  
[25] EN  
[54] **ARC WELDING MONITORING SYSTEM**  
[54] **SYSTEME DE SURVEILLANCE DES ACTIVITES DE SOUDAGE A L'ARC**  
[72] COOPER, EDWARD L., US  
[71] ACCUDATA, INC., US  
[22] 2000-11-24  
[43] 2001-06-27  
[30] US (09/472,587) 1999-12-27

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[21] **2,326,926**  
[13] A1

[51] **Int.Cl. 7G02B 26/08**  
[25] EN  
[54] **ELECTROMECHANICALLY CONTROLLED OPTICAL ELEMENT**  
[54] **ELEMENT OPTIQUE A COMMANDE ELECTROMECHANIQUE**  
[72] CARBERRY, JOHN, US  
[72] DERSTINE, MATTHEW, US  
[72] HEFFNER, BRIAN, US  
[72] HELFER, HARRY, US  
[71] E-TEK DYNAMICS, INC., US  
[22] 2000-11-28  
[43] 2001-06-28  
[30] US (09/473,455) 1999-12-28

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[21] **2,326,947**  
[13] A1

[51] **Int.Cl. 7H04N 7/64 7H04N 7/50 7H04N 7/52**  
[25] EN  
[54] **TRANSMISSION SYSTEM WITH SPATIAL TEMPORAL, AND FREQUENTIAL DIVERSITY**  
[54] **SYSTEME DE TRANSMISSION A DIVERSITE SPATIALE, TEMPORELLE ET FREQUENTIELLE**  
[72] CSOMO, JEAN-FRANCOIS, FR  
[71] ITIS CORPORATION, FR  
[22] 2000-11-27  
[43] 2001-06-30  
[30] FR (99 16747) 1999-12-30

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[21] **2,327,042**  
[13] A1

[51] **Int.Cl. 7G06F 17/60 7G06F 19/00**  
[25] EN  
[54] **METHOD OF CALCULATING SORTING COSTS FOR CHARGEBACK ACCOUNTING FOR AN INCOMING MAIL SORTING APPARATUS**  
[54] **METHODE POUR CALCULER LES COUTS DE TRI D'UN APPAREIL DE TRI DU COURRIER D'ARRIVEE POUR LA FACTURATION DES FRAIS**  
[72] MARRY, RICHARD D., US  
[72] GOTTLIEB, ROBERT K., US  
[72] DANIELS, EDWARD P., JR., US  
[71] PITNEY BOWES INC., US  
[22] 2000-11-22  
[43] 2001-06-28  
[30] US (09/474,909) 1999-12-28

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[21] **2,327,044**  
[13] A1

[51] **Int.Cl. 7B43M 5/04**  
[25] EN  
[54] **A SYSTEM AND METHOD FOR CONTROLLING THE INSERTER CHASSIS SPEED IN AN INSERTER SYSTEM**  
[54] **SYSTEME ET METHODE POUR CONTROLER LA VITESSE DU CHASSIS D'UNE MACHINE A METTRE SOUS ENVELOPPE DANS UN SYSTEME DE MISE SOUS ENVELOPPE**  
[72] SHEA, MICHAEL, US  
[72] HART, WILLIAM G., JR., US  
[72] PRITCHARD, EUGENE, US  
[72] MAYER, PAUL, US  
[71] PITNEY BOWES INC., US  
[22] 2000-11-22  
[43] 2001-06-29  
[30] US (09/474,328) 1999-12-29

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June 24, 2001 - June 30, 2001

[21] **2,327,071**  
[13] A1

[51] **Int.Cl. 7H04Q 7/36**  
[25] EN  
[54] **DYNAMIC CHANNEL ASSIGNMENT FOR INTELLIGENT ANTENNAS**  
[54] **ATTRIBUTION DYNAMIQUE DE VOIE POUR ANTENNES INTELLIGENTES**  
[72] LUBACHEVSKY, BORIS  
DMITRIEVICH, US  
[72] WHITING, PHILIP ALFRED, US  
[72] GRANDHI, SUDHEER A., US  
[72] CHENG, TERRY SI-FONG, SG  
[72] BORST, SIMON C., NL  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-11-29  
[43] 2001-06-28  
[30] US (09/473,513) 1999-12-28

[21] **2,327,124**  
[13] A1

[51] **Int.Cl. 7H04L 29/02 7H04L 12/16**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ACCESSING DYNAMIC INFORMATION NETWORK OBJECTS**  
[54] **METHODE ET APPAREILLAGE POUR ACCEDER A DES OBJETS SUR RESEAU D'INFORMATION DYNAMIQUE**  
[72] NGUYEN, DU T., US  
[72] DEMARCO, RALPH RICHARD JR., US  
[72] JACOBSON, GUY, US  
[72] BEGEJA, LEE, US  
[72] RENGER, BERNARD S. L., US  
[71] AT&T CORP., US  
[22] 2000-11-29  
[43] 2001-06-30  
[30] US (09/476,441) 1999-12-30

[21] **2,327,132**  
[13] A1

[51] **Int.Cl. 7H04M 15/16 7H04Q 7/36**  
[25] EN  
[54] **METHOD FOR OPTIMIZING BILLING FOR PRIVATE COMMUNICATIONS SYSTEM TO PRIVATE COMMUNICATIONS SYSTEM ON THE PUBLIC SWITCHED NETWORK**  
[54] **METHODE D'OPTIMISATION DE LA FACTURATION POUR UN SYSTEME DE COMMUNICATION PRIVE A UN SYSTEME DE COMMUNICATION SUR LE RESEAU PUBLIC COMMUTE**  
[72] QUAN, TOM, CA  
[72] NEEDHAM, JOHN EDWARD, CA  
[71] MITEL CORPORATION, CA  
[22] 2000-11-30  
[43] 2001-06-24  
[30] GB (9930615.1) 1999-12-24

[21] **2,327,186**  
[13] A1

[51] **Int.Cl. 7B64D 13/08**  
[25] EN  
[54] **AIR-CONDITIONING SYSTEM FOR AIRPLANE CABIN**  
[54] **SYSTEME D'AIR CLIMATISE POUR CABINE D'AERONEF**  
[72] SAUTERLEUTE, ALFRED, DE  
[71] LIEBHERR-AEROSPACE LINDENBERG GMBH, DE  
[22] 2000-11-29  
[43] 2001-06-27  
[30] DE (199 63 280.4) 1999-12-27

[21] **2,327,216**  
[13] A1

[51] **Int.Cl. 7H04M 11/06**  
[25] EN  
[54] **DISPLAY OF INFORMATION FROM WEB APPLICATION ON TELEPHONE OF CALLED PARTY**  
[54] **AFFICHAGE D'INFORMATION DEPUIS UNE APPLICATION SUR INTERNET SUR LE TELEPHONE DE L'APPELANT**  
[72] WILL, CRAIG ALEXANDER, US  
[72] HOPPER, IAN D., US  
[71] NORTEL NETWORKS LIMITED, CA  
[22] 2000-12-01  
[43] 2001-06-29  
[30] US (09/474,078) 1999-12-29

[21] **2,327,318**  
[13] A1

[51] **Int.Cl. 7H04Q 1/20 7H02H 7/20**  
[25] EN  
[54] **APPARATUS FOR COMMUNICATING A DIAGNOSTIC DEVICE WITH TELECOMMUNICATIONS SYSTEM THROUGH A REMOTE NETWORK UNIT**  
[54] **APPAREIL POUR METTRE EN COMMUNICATION UN DISPOSITIF DE DIAGNOSTIC AVEC UN SYSTEME DE TELECOMMUNICATIONS PAR L'INTERMEDIAIRE D'UN APPAREIL DE RESEAU ELOIGNE**  
[72] AUTRY, JOHN, US  
[72] SZEWCZUL, MARK, US  
[71] MARCONI COMMUNICATIONS, INC., US  
[22] 2000-11-30  
[43] 2001-06-30  
[30] US (09/476,079) 1999-12-30

[21] **2,327,374**  
[13] A1

[51] **Int.Cl. 7B64D 29/00**  
[25] FR  
[54] **MAT DE SUSPENSION PROFILE DE VOILURE D'AERONEF**  
[54] **AIRCRAFT WING-SHAPED SUSPENSION MAST**  
[72] CAMBON, JEAN-LOUIS, FR  
[71] AEROSPATIALE MATRA AIRBUS, FR  
[22] 2000-12-06  
[43] 2001-06-27  
[30] FR (99 16 539) 1999-12-27

[21] **2,327,399**  
[13] A1

[51] **Int.Cl. 7A61F 13/15 7A41C 3/12**  
[25] EN  
[54] **BREAST PAD**  
[54] **COUSSINET POUR SEIN**  
[72] LEEDER, SHERY D., CA  
[71] LEEDER, SHERY D., CA  
[22] 2000-11-27  
[43] 2001-06-30  
[30] GB (9930824.9) 1999-12-30

**Demandes canadiennes mises à la disponibilité du public**  
**24 juin 2001 - 30 juin 2001**

[21] **2,327,426**  
[13] A1

[51] **Int.Cl. 7C04B 22/16 7C04B 24/26**  
[25] EN  
[54] **CLAY-FREE READY-MIXED SETTING-TYPE JOINT COMPOUND**  
[54] **PATE A JOINTS A PRISE RAPIDE, SANS ARGILE ET DEJA MELANGEE**  
[72] STEVENS, RICHARD B., US  
[72] MILLER, CHARLES J., US  
[72] ESPINOZA, THERESE A., US  
[71] UNITED STATES GYPSUM COMPANY, US  
[22] 2000-12-04  
[43] 2001-06-29  
[30] US (09/474485) 1999-12-29

[21] **2,327,430**  
[13] A1

[51] **Int.Cl. 7C04B 16/02**  
[25] EN  
[54] **APPLICATION OF POLYMETHYLHYDROGEN SILOXANE FOR PRODUCING A WATER RESISTANT GYPSUM PRODUCT AND GYPSUM/WOOD FIBER BOARD AND GYPSUM BOARD**  
[54] **UTILISATION DU POLYMETHYLSILOXANE POUR LA PRODUCTION D'UN PRODUIT EN PLATRE RESISTANT A L'EAU, D'UN PANNEAU EN PLATRE ET EN FIBRES DE BOIS ET D'UN PANNEAU EN PLATRE**  
[72] MAO, ZHUOXIONG, US  
[71] UNITED STATES GYPSUM COMPANY, US  
[22] 2000-11-27  
[43] 2001-06-30  
[30] US (09/476740) 1999-12-30

[21] **2,327,458**  
[13] A1

[51] **Int.Cl. 7F27D 1/00 7F27D 9/00**  
[25] EN  
[54] **COMPOSITE REFRACTORY TILE FOR METALLURGICAL FURNACE MEMBERS**  
[54] **TUILE REFRACTAIRE COMPOSITE POUR ELEMENTS DE FOUR METALLURGIQUE**  
[72] SUEY, PAUL V. (DECEASED), ZZ  
[71] SUEY NGUYEN, CAROLE, US  
[22] 2000-11-16  
[43] 2001-06-30  
[30] US (09/475,516) 1999-12-30

[21] **2,327,510**  
[13] A1

[51] **Int.Cl. 7H03F 1/32 7H04Q 7/36**  
[25] EN  
[54] **FEED-FORWARD AMPLIFIER AND CONTROLLER OF THE SAME**  
[54] **AMPLIFICATEUR A CORRECTION AVAL ET CONTROLEUR CONNEXE**  
[72] SAKAMOTO, HIRONORI, JP  
[72] ITO, KEIJIRO, JP  
[72] YAMADA, AKIRA, JP  
[72] YAMASHITA, KAZUO, JP  
[72] ITO, AKIRA, JP  
[72] KAWASUMI, NORIHISA, JP  
[71] JAPAN RADIO CO., LTD., JP  
[22] 2000-12-04  
[43] 2001-06-28  
[30] JP (11-374869) 1999-12-28

[21] **2,327,533**  
[13] A1

[51] **Int.Cl. 7C12N 15/10 7C07H 21/00 7C12P 19/34 7C12Q 1/68**  
[25] EN  
[54] **A METHOD FOR TYPING POLYMORPHISMS OF BOVINE MHC CLASS II GENES**  
[54] **METHODE DE CLASSIFICATION DE POLYMORPHISMES DE GENES BOVINS HLA DE CLASSE II**  
[72] TAKESHIMA, SHINNOSUKE, JP  
[72] AIDA, YOKO, JP  
[71] RIKEN, JP  
[71] TAKESHIMA, SHINNOSUKE, JP  
[71] AIDA, YOKO, JP  
[22] 2000-12-28  
[43] 2001-06-28  
[30] JP (373483/1999) 1999-12-28

[21] **2,327,588**  
[13] A1

[51] **Int.Cl. 7G02F 1/29 7H04Q 3/52**  
[25] EN  
[54] **REFLECTION BASED NONMOVING PART OPTICAL SWITCH**  
[54] **COMMUTATEUR OPTIQUE BASE SUR LA REFLEXION SANS PIECE MOBILE**  
[72] CHANG, KOK WAI, US  
[71] E-TEK DYNAMICS, INC., US  
[22] 2000-12-05  
[43] 2001-06-30  
[30] US (09/475,715) 1999-12-30

[21] **2,327,606**  
[13] A1

[51] **Int.Cl. 7H03K 21/00 7G06F 12/02**  
[25] EN  
[54] **COUNT/ADDRESS GENERATION CIRCUITRY**  
[54] **CIRCUIT DE GENERATION DE COMPTE/ADRESSE**  
[72] SHAHRI, HOMAYOUN, US  
[72] ABBOTT, CURTIS, US  
[71] PMC-SIERRA, INC., CA  
[22] 2000-12-05  
[43] 2001-06-30  
[30] US (09/475,647) 1999-12-30

[21] **2,327,643**  
[13] A1

[51] **Int.Cl. 7F16B 1/00**  
[25] EN  
[54] **THREADABLE APPARATUS**  
[54] **APPAREIL FILETABLE**  
[72] SCHWARZ, HELMUT, DE  
[71] SCHWARZ VERBINDUNGS-SYSTEME GMBH, DE  
[22] 2000-12-06  
[43] 2001-06-24  
[30] DE (299 22 799.5) 1999-12-24

[21] **2,327,645**  
[13] A1

[51] **Int.Cl. 7F16B 2/20**  
[25] EN  
[54] **RETAINING-SPRING INSERT ARRANGEMENT**  
[54] **DISPOSITIF D'INSERTION DE RESSORT DE RETENUE**  
[72] SCHWARZ, HELMUT, DE  
[71] SCHWARZ VERBINDUNGS-SYSTEME GMBH, DE  
[22] 2000-12-06  
[43] 2001-06-24  
[30] DE (299 22 800.2) 1999-12-24

[21] **2,327,676**  
[13] A1

[51] **Int.Cl. 7B23D 61/14 7B23K 26/20**  
[25] EN  
[54] **PROCEDURE FOR FASTENING A CARBIDE TOOTH AT A SAW BLADE**  
[54] **PROCEDURE POUR FIXER UNE DENT DE CARBURE A UNE LAME DE SCIE**  
[72] LIEDL, GERHARD, AT  
[72] NOBAUER, FRANZ, AT  
[71] WINTERSTEIGER GMBH, AT  
[22] 2000-12-06  
[43] 2001-06-27  
[30] AT (A 2185/99) 1999-12-27

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[21] **2,327,687**  
[13] A1  
[51] **Int.Cl. 7H02G 15/00**  
[25] EN  
[54] **ADJUSTABLE RETAINER FOR ELECTRICAL CORDS**  
[54] **BOITE DE JONCTION ADAPTABLE AU DIAMETRE DES CONDUITS**  
[72] HOWARD, CAROL A., US  
[72] STRANG, WARD E., US  
[72] PUTORTI, JOHN J., US  
[71] HUBBELL INCORPORATED, US  
[22] 2000-12-06  
[43] 2001-06-30  
[30] US (09/475,471) 1999-12-30

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[21] **2,327,787**  
[13] A1  
[51] **Int.Cl. 7B29C 33/72 7C25F 1/00**  
[25] EN  
[54] **CLEANING MACHINE FOR DIE USED FOR SYNTHETIC RESIN MOULD**  
[54] **MACHINE DE NETTOYAGE D'UNE COQUILLE UTILISEE POUR MOULE DE RESINE SYNTHETIQUE**  
[72] KITAHARA, SHOJI, TH  
[71] AQUA SONIC SERVICE CO., LTD., TH  
[22] 2000-12-06  
[43] 2001-06-27  
[30] TH (054865) 1999-12-27

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[21] **2,327,978**  
[13] A1  
[51] **Int.Cl. 7G06F 17/60 7G07B 17/02**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PROVIDING REFUNDS IN A POSTAGE METERING SYSTEM**  
[54] **METHODE ET APPAREIL POUR FOURNIR DES REMBOURSEMENTS DANS UN SYSTEME D'AFFRANCHISSEMENT**  
[72] FOTH, THOMAS J., US  
[71] PITNEY BOWES INC., US  
[22] 2000-12-11  
[43] 2001-06-29  
[30] US (09/474,642) 1999-12-29

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[21] **2,327,691**  
[13] A1  
[51] **Int.Cl. 7F02M 45/00**  
[25] EN  
[54] **FUEL INJECTOR ASSEMBLY HAVING A COMBINED INITIAL INJECTION AND A PEAK INJECTION PRESSURE REGULATOR**  
[54] **INJECTEUR DE CARBURANT AYANT UNE INJECTION INITIALE COMBINEE ET UN REGULATEUR DE LA PRESSION D'INJECTION DE POINTE**  
[72] SAVONEN, CRAIG L., US  
[72] JIANG, HE, US  
[71] DETROIT DIESEL CORPORATION, US  
[22] 2000-12-06  
[43] 2001-06-27  
[30] US (09/472,416) 1999-12-27

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[21] **2,327,837**  
[13] A1  
[51] **Int.Cl. 7H01Q 5/00 7H04Q 7/30**  
[25] EN  
[54] **A MULTI-BAND CELLULAR BASESTATION ANTENNA**  
[54] **ANTENNE CELLULAIRE MULTIBANDES DE STATION DE BASE**  
[72] SMITH, MARTIN, GB  
[72] KITCHENER, DEAN, GB  
[72] POWER, DAWN K., GB  
[71] NORTEL NETWORKS LIMITED, CA  
[22] 2000-12-06  
[43] 2001-06-28  
[30] US (09/473,722) 1999-12-28

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[21] **2,327,981**  
[13] A1  
[51] **Int.Cl. 7H01S 5/06 7H01S 5/40**  
[25] EN  
[54] **A METHOD AND APPARATUS TO SELECT OPTIMAL OPERATING CONDITIONS IN A DIGITAL WAVELENGTH STABILIZED CONTROL SYSTEM**  
[54] **METHODE ET APPAREILLAGE POUR SELECTIONNER LES CONDITIONS DE FONCTIONNEMENT OPTIMALES POUR UN SYSTEME DE COMMANDE NUMERIQUE STABILISE EN LONGUEUR D'ONDE**  
[72] PLOURDE, JAMES KEVIN, US  
[72] ACKERMAN, DAVID ALAN, US  
[72] BROUTIN, SCOTT L., US  
[72] STAYT, JOHN WILLIAM JR., US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-12-08  
[43] 2001-06-30  
[30] US (09/475,606) 1999-12-30

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[21] **2,327,748**  
[13] A1  
[51] **Int.Cl. 7G05B 13/00 7G05B 13/04**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ADAPTIVE CONTROL OF marginally stable systems**  
[54] **METHODE ET APPAREILLAGE POUR LA COMMANDE ADAPTATIVE DE SYSTEMES A STABILITE MARGINALE**  
[72] GOUGH, WILLIAM ALBERT GORDON JR., CA  
[72] HUZMEZAN, MIHAI, CA  
[72] KOVAC, SAVA, CA  
[71] UNIVERSAL DYNAMICS TECHNOLOGIES INC., CA  
[22] 2000-12-06  
[43] 2001-06-30  
[30] CA (2,293,922) 1999-12-31

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[21] **2,327,909**  
[13] A1  
[51] **Int.Cl. 7G06F 17/60 7H04L 12/16**  
[25] EN  
[54] **NEWSPAPER CIRCULATION SYSTEM**  
[54] **SYSTEME DE DISTRIBUTION DE JOURNAUX**  
[72] CUNNINGHAM, RICHARD L., US  
[71] CNT CORP., US  
[22] 2000-12-08  
[43] 2001-06-30  
[30] US (09/476,015) 1999-12-31

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[21] **2,327,985**  
[13] A1  
[51] **Int.Cl. 7B21D 5/16**  
[25] EN  
[54] **MODIFIED FLAT HEM APPARATUS AND METHOD**  
[54] **APPAREILLAGE ET METHODE DE FABRICATION D'OURLETS PLATS MODIFIES**  
[72] WIENS, PHILIP V., CA  
[71] UNOVA IP CORP., US  
[22] 2000-12-12  
[43] 2001-06-30  
[30] US (09/475,748) 1999-12-30

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[21] **2,327,998**  
[13] A1

[51] **Int.Cl. 7G08B 5/36**  
[25] EN  
[54] **MULTI-COLORED INDUSTRIAL SIGNAL DEVICE**  
[54] **APPAREIL DE SIGNALISATION INDUSTRIEL A COULEURS MULTIPLES**  
[72] TAYLOR, KENNETH R., US  
[71] SPX CORPORATION, US  
[22] 2000-12-12  
[43] 2001-06-29  
[30] US (09/474,264) 1999-12-29

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[21] **2,328,014**  
[13] A1

[51] **Int.Cl. 7H04L 1/20**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PROVIDING NETWORK PROTECTION AT INPUT/OUTPUT INTERFACES OF A CROSS-CONNECT SWITCH**  
[54] **METHODE ET APPAREIL DE PROTECTION RESEAU AUX INTERFACES D'ENTREE ET DE SORTIE D'UN COMMUTATEUR A CONNEXION TRANSVERSALE**  
[72] CROSSETT, JOSEPH A., III, US  
[72] MAZZURCO, ANTHONY, US  
[72] DARABPOUR, MANOUCHEHR, US  
[71] ALCATEL USA SOURCING, L.P., US  
[22] 2000-12-12  
[43] 2001-06-27  
[30] US (09/472,534) 1999-12-27

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[21] **2,328,017**  
[13] A1

[51] **Int.Cl. 7G03F 7/00 7H01L 21/469**  
[25] EN  
[54] **EUV RETICLE THERMAL MANAGEMENT**  
[54] **CONTROLE THERMIQUE D'UN RETICULE A ULTRAVIOLETS EXTREMES**  
[72] MCCULLOUGH, ANDREW W., US  
[71] SVG LITHOGRAPHY SYSTEMS, INC., US  
[22] 2000-12-12  
[43] 2001-06-27  
[30] US (09/473,259) 1999-12-27

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[21] **2,328,035**  
[13] A1

[51] **Int.Cl. 7H04Q 3/52**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PASSING CONTROL INFORMATION IN A BIDIRECTIONAL LINE SWITCHED RING CONFIGURATION**  
[54] **METHODE ET APPAREIL DE TRANSMISSION D'INFORMATION DE CONTROLE DANS UNE CONFIGURATION BIDIRECTIONNELLE D'ANNEAU A PROTECTION DE SECTION**  
[72] DARABPOUR, MANOUCHEHR, US  
[72] CROSSETT, JOSEPH A., III, US  
[72] MAZZURCO, ANTHONY, US  
[71] ALCATEL USA SOURCING, L.P., US  
[22] 2000-12-12  
[43] 2001-06-27  
[30] US (09/473,409) 1999-12-27

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[21] **2,328,284**  
[13] A1

[51] **Int.Cl. 7H04B 10/17**  
[25] EN  
[54] **SYSTEM BASED CONTROL OF OPTICAL AMPLIFIER TRANSMISSION FUNCTIONS**  
[54] **COMMANDE DES FONCTIONS D'EMISSION D'AMPLIFICATEUR OPTIQUE, BASEE SUR LE SYSTEME**  
[72] ISRAEL, JOHN G., US  
[72] HYUN, VICTOR S., US  
[72] BODE, DIRK, DE  
[72] NADHUMI, PRASANNA RAGHAVAN, US  
[72] MCKAY, BRADLEY A., US  
[72] THOMPSON, WILLIAM A., US  
[72] LINGNER, GERARD T., III, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-12-11  
[43] 2001-06-30  
[30] US (09/476,595) 1999-12-31

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[21] **2,328,329**  
[13] A1

[51] **Int.Cl. 7B23K 9/133**  
[25] EN  
[54] **WELDING WIRE FEEDER**  
[54] **APPAREIL D'ALIMENTATION DE FIL-ELECTRODE**  
[72] COOPER, EDWARD L., US  
[71] ELCO ENTERPRISES, INC., US  
[22] 2000-12-14  
[43] 2001-06-27  
[30] US (09/472,310) 1999-12-27

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[21] **2,328,358**  
[13] A1

[51] **Int.Cl. 7F21S 8/10 7B60Q 1/00 7B60Q 3/00 7H01R 13/02 7H01R 33/76**  
[25] EN  
[54] **AUTOMOTIVE LAMP UNIT AND METHOD FOR MANUFACTURING THE SAME**  
[54] **LAMPE D'AUTOMOBILE ET METHODE DE FABRICATION DE LADITE LAMPE**  
[72] SINZAWA, KOUICHI, JP  
[72] SOGA, HISASHI, JP  
[71] KABUSHIKI KAISHA T AN T, JP  
[22] 2000-12-14  
[43] 2001-06-28  
[30] JP (11-372485) 1999-12-28

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[21] **2,328,472**  
[13] A1

[51] **Int.Cl. 7F21S 8/10 7B60Q 1/00 7B60Q 3/00**  
[25] EN  
[54] **AUTOMOTIVE LAMP UNIT AND METHOD FOR MANUFACTURING THE SAME**  
[54] **LAMPE D'AUTOMOBILE ET METHODE DE FABRICATION DE LADITE LAMPE**  
[72] SINZAWA, KOUICHI, JP  
[72] SOGA, HISASHI, JP  
[71] KABUSHIKI KAISHA T AN T, JP  
[22] 2000-12-14  
[43] 2001-06-28  
[30] JP (11-372447) 1999-12-28

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[21] **2,328,541**  
[13] A1

[51] **Int.Cl. 7A01K 27/00**  
[25] EN  
[54] **ADJUSTABLE LEASH CONTROLLED STRAIN REDUCING ANIMAL HARNESS**  
[54] **HARNAIS D'ANIMAL AJUSTABLE A TENSION REDUITE ET DIRIGE PAR UNE LAISSE**  
[72] KIRCHER, PAUL J., US  
[71] KIRCHER, PAUL J., US  
[22] 2000-12-15  
[43] 2001-06-27  
[30] US (60/173,116) 1999-12-27  
[30] US (09/686,395) 2000-10-09

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[21] **2,328,562**  
[13] A1  
[51] **Int.Cl. 7G02B 27/10 7H04J 14/02**  
[25] EN  
[54] **MULTI-PASS FOLDED INTERLEAVER/DEINTERLEAVERS**  
[54] **ENTRELACEUR/DESENTRELACEUR CONVOLUTE MULTIPASSE**  
[72] TAI, KUOCHOU, US  
[72] CHANG, KOK-WEI, US  
[71] E-TEK DYNAMICS, US  
[22] 2000-12-15  
[43] 2001-06-30  
[30] US (09/476,611) 1999-12-31

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[21] **2,328,570**  
[13] A1  
[51] **Int.Cl. 7A46B 11/04**  
[25] FR  
[54] **BALAIS POURVU D'UN REGULATEUR DU DEBIT DE PRODUITS POUR LE NETTOYAGE ET LE TRAITEMENT DES SOLS**  
[54] **BROOM EQUIPPED WITH A PRODUCT FLOW REGULATOR FOR SOIL REMEDIATION AND TREATMENT**  
[72] ZORZO, BRUNO, IT  
[71] A.Z. INTERNATIONAL S.A., LU  
[22] 2000-12-11  
[43] 2001-06-30  
[30] LU (90496) 1999-12-30

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[21] **2,328,577**  
[13] A1  
[51] **Int.Cl. 7C08J 5/12 7C08J 9/06**  
[25] EN  
[54] **A METHOD FOR PRODUCING DECORATIVE COMPONENTS HAVING AN OUTER ELASTOMERIC LAYER THAT IS INTEGRAL WITH AN INNER FOAM LAYER**  
[54] **UNE METHODE DE PRODUCTION DE COMPOSANTS DECORATIFS COMPORTANT UNE COUCHE EXTERIEURE ELASTOMERE INTEGREE A UNE COUCHE INTERNE EN MOUSSE**  
[72] PAVLINAC, JON, US  
[72] CHANG, L. PATRICK, US  
[72] HARRISON, RICHARD P., US  
[72] OGONOWSKI, JOSEPH, US  
[71] BASF CORPORATION, US  
[22] 2000-12-15  
[43] 2001-06-30  
[30] US (09/475,788) 1999-12-30

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[21] **2,328,647**  
[13] A1  
[51] **Int.Cl. 7G02B 27/10 7H04J 14/02**  
[25] EN  
[54] **MICHELSON PHASE SHIFTER INTERLEAVER/DEINTERLEAVERS**  
[54] **ENTRELACEURS ET DESSENTRELACEURS POUR DEPHASEUR DE MICHELSON**  
[72] TAI, KUOCHOU, US  
[71] JDS UNIPHASE INC., CA  
[22] 2000-12-15  
[43] 2001-06-28  
[30] US (09/473,314) 1999-12-28

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[21] **2,328,677**  
[13] A1  
[51] **Int.Cl. 7B62D 25/18**  
[25] EN  
[54] **MUDFLAP BRACKET**  
[54] **PATTE DE FIXATION POUR GARDE-BOUE**  
[72] HAWES, TIMOTHY R., US  
[72] EKLUND, WESLEY K., US  
[71] FLEET ENGINEERS, INCORPORATED, US  
[22] 2000-12-18  
[43] 2001-06-29  
[30] US (60/173,589) 1999-12-29

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[21] **2,328,687**  
[13] A1  
[51] **Int.Cl. 7B29C 45/14**  
[25] EN  
[54] **RESIN-MOLDING DIE**  
[54] **COQUILLE POUR MOULER AVEC DE LA RESINE**  
[72] FUSE, YOSHIHISA, JP  
[72] SINZAWA, KOUICHI, JP  
[72] SOGA, HISASHI, JP  
[71] KABUSHIKI KAISHA T AN T, JP  
[22] 2000-12-15  
[43] 2001-06-28  
[30] JP (11-373024) 1999-12-28

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[21] **2,328,695**  
[13] A1  
[51] **Int.Cl. 7G03C 7/305 7G03C 1/498**  
[25] EN  
[54] **IMAGING ELEMENT CONTAINING A BLOCKED PHOTOGRAPHICALLY USEFUL COMPOUND**  
[54] **ELEMENT DE GENERATION D'IMAGE CONTENANT UN COMPOSE SEQUENCE UTILE EN PHOTOGRAPHIE**  
[72] MOOBERRY, JARED B., US  
[72] REYNOLDS, JAMES H., US  
[72] IRVING, LYN M., US  
[72] SEIFERT, JAMES J., US  
[72] LEVY, DAVID H., US  
[72] IRVING, MARK E., US  
[72] YANG, XIQIANG, US  
[72] SLUSAREK, WOJCIECH K., US  
[71] EASTMAN KODAK COMPANY, US  
[22] 2000-12-15  
[43] 2001-06-30  
[30] US (09/475,703) 1999-12-30  
[30] US (09/614,035) 2000-07-11

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[21] **2,328,697**  
[13] A1  
[51] **Int.Cl. 7G02B 27/10 7H04J 14/02**  
[25] EN  
[54] **DOUBLE PASS FOLDED INTERLEAVER/DEINTERLEAVERS**  
[54] **ENTRELACEURS/DESENTRELACEURS A SIGNAL REPLIE A PASSAGE DOUBLE**  
[72] TAI, KUOCHOU, US  
[72] CHANG, KOK WAI, US  
[71] E-TEK DYNAMICS, US  
[22] 2000-12-15  
[43] 2001-06-30  
[30] US (09/476,034) 1999-12-31

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[21] **2,328,736**  
[13] A1  
[51] **Int.Cl. 7H05B 37/02 7H05B 41/36**  
[25] EN  
[54] **LIGHT CONTROL TYPE LED LIGHTING EQUIPMENT**  
[54] **EQUIPEMENT D'ECLAIRAGE A DIODES LUMINESCENTES A COMMANDE D'ECLAIRAGE**  
[72] OHISHI, MASATOSHI, JP  
[72] TOKIMOTO, TOYOTARO, JP  
[72] IMAI, FUMIO, JP  
[71] CENTRAL JAPAN RAILWAY COMPANY, JP  
[71] AVIX INC., JP  
[22] 2000-12-19  
[43] 2001-06-28  
[30] JP (11-373470) 1999-12-28

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**24 juin 2001 - 30 juin 2001**

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[21] **2,328,747**  
[13] A1

[51] **Int.Cl. 7G02B 27/10 7H04J 14/02**  
[25] EN  
[54] **SINGLE-PASS FOLDED INTERLEAVER/DEINTERLEAVERS**  
[54] **ENTRELACEURS/DESENTRELACEURS A SIGNAL REPLIE A PASSAGE SIMPLE**  
[72] TAI, KUOCHOU, US  
[72] CHANG, KOK-WAI, US  
[71] E-TEK DYNAMICS, US  
[22] 2000-12-15  
[43] 2001-06-30  
[30] US (09/476,609) 1999-12-31

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[21] **2,328,749**  
[13] A1

[51] **Int.Cl. 7F15B 3/00**  
[25] EN  
[54] **AIR/WATER INTENSIFIER FONCTIONNANT A L'AIR ET A L'EAU**  
[72] BRIESCHKE, TODD M., US  
[71] ARIES ENGINEERING COMPANY, INC., US  
[22] 2000-12-18  
[43] 2001-06-29  
[30] US (09/474,636) 1999-12-29

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[21] **2,328,758**  
[13] A1

[51] **Int.Cl. 7G02F 1/09 7G02B 5/30**  
[25] EN  
[54] **OPTICAL CIRCULATORS**  
[54] **CIRCULATEURS OPTIQUES**  
[72] ZHANG, YONG, US  
[72] GUAN, KEJIAN, US  
[72] CHANG, KOK-WAI, US  
[71] E-TEK DYNAMICS, US  
[22] 2000-12-19  
[43] 2001-06-30  
[30] US (09/476,610) 1999-12-31

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[21] **2,328,761**  
[13] A1

[51] **Int.Cl. 7H05K 5/00 7H05K 7/18**  
[25] EN  
[54] **HOUSING FOR ELECTRICAL DEVICE WITH RELIEF FOR SHEARABLE RIBS**  
[54] **BOITIER DE DISPOSITIF ELECTRIQUE AVEC DEGAGEMENT POUR REBORDS FRANGIBLES**  
[72] HOWARD, CAROL A., US  
[72] STRANG, WARD E., US  
[71] HUBBELL INCORPORATED, US  
[22] 2000-12-19  
[43] 2001-06-30  
[30] US (09/475,472) 1999-12-30

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[21] **2,328,762**  
[13] A1

[51] **Int.Cl. 7G08C 25/00 7G06F 17/60**  
[25] EN  
[54] **MACHINE STATUS AUTOANALYSIS**  
[54] **ANALYSE AUTOMATIQUE DE L'ETAT DE MACHINES**  
[72] MASSENGILL, R. KEMP, US  
[72] WROBLEWSKI, DARIUSZ, US  
[71] MASSENGILL, R. KEMP, US  
[71] WROBLEWSKI, DARIUSZ, US  
[22] 2000-12-19  
[43] 2001-06-27  
[30] US (60/173,202) 1999-12-27  
[30] US (09/494,802) 2000-01-31

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[21] **2,328,763**  
[13] A1

[51] **Int.Cl. 7H04M 11/06 7H04L 29/06 7H04L 12/66**  
[25] EN  
[54] **TELEPHONE CONTROLLER FOR VOIP**  
[54] **CONTROLEUR TELEPHONIQUE POUR VOIX SUR IP**  
[72] KOBAYASHI, YOSHIKAZU, JP  
[71] NEC CORPORATION, JP  
[22] 2000-12-19  
[43] 2001-06-27  
[30] JP (369252/1999) 1999-12-27

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[21] **2,328,775**  
[13] A1

[51] **Int.Cl. 7C07D 239/22 7C07D 401/00 7C07D 403/00 7C07D 405/00 7C07D 409/00 7C07D 413/00 7C07D 417/00 7C07D 473/00 7C07D 475/00 7C07D 455/02 7C07D 471/04 7A61P 31/04 7C07D 491/048 7C07D 403/06 7A61K 31/505 7A61K 31/5377 7A61K 31/541 7A61K 31/55**  
[25] EN  
[54] **4-OXO-2-UREIDO-1,4,5,6-TETRAHYDRO-PYRIMIDINE DERIVATIVES**  
[54] **DERIVES DE LA 4-OXO-2-UREIDO-1,4,5,6-TETRAHYDRO-PYRIMIDINE**  
[72] KANEKO, TAKUSHI, US  
[72] HAYWARD, MATTHEW MERRILL, US  
[72] LINDE, ROBERT GERALD II, US  
[71] PFIZER PRODUCTS INC., US  
[22] 2000-12-19  
[43] 2001-06-29  
[30] US (60/173,433) 1999-12-29

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[21] **2,328,781**  
[13] A1

[51] **Int.Cl. 7C07H 17/08 7A61P 35/00 7A61K 38/04 7C07K 5/04 7A61P 31/04 7A61P 9/10 7A61K 31/7048**  
[25] EN  
[54] **NOVEL ANTIBACTERIAL AND PROKINETIC MACROLIDES**  
[54] **NOUVEAUX MACROLIDES ANTIBACTERIENS ET PROKINETIQUES**  
[72] KANEKO, TAKUSHI, US  
[72] MCMILLEN, WILLIAM THOMAS, US  
[71] PFIZER PRODUCTS INC., US  
[22] 2000-12-19  
[43] 2001-06-29  
[30] US (60/173,434) 1999-12-29

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[21] **2,328,797**  
[13] A1  
[51] **Int.Cl. 7C08G 81/00 7H01M 8/10  
7C08G 75/23 7C08G 65/48**  
[25] EN  
[54] **POLYMER ELECTROLYTE AND  
METHOD FOR PRODUCING THE  
SAME**  
[54] **ELECTROLYTE POLYMERIQUE  
ET METHODE DE FABRICATION  
CONNEXE**  
[72] TERAHARA, ATSUSHI, JP  
[72] IWASAKI, KATSUHIKO, JP  
[72] IKEDA, TAKASHI, JP  
[71] SUMITOMO CHEMICAL COMPANY,  
LIMITED, JP  
[22] 2000-12-19  
[43] 2001-06-27  
[30] JP (H11-370689) 1999-12-27  
[30] JP (2000-061768) 2000-07-03

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[21] **2,328,801**  
[13] A1  
[51] **Int.Cl. 7H04N 7/16 7H04L 1/00  
7H04B 1/68**  
[25] EN  
[54] **DIGITAL TELEVISION RELAY  
SYSTEM**  
[54] **SYSTEME NUMERIQUE DE  
RETRANSMISSION DES EMISSIONS  
DE TELEVISION**  
[72] OH, SEONG-HWAN, KR  
[72] LEE, BYUNG-HEON, KR  
[72] CHOI, KWANG-JOO, KR  
[72] LEE, CHEOL, KR  
[71] LG ELECTRONICS INC., KR  
[22] 2000-12-19  
[43] 2001-06-24  
[30] KR (61920/1999) 1999-12-24

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[21] **2,328,804**  
[13] A1  
[51] **Int.Cl. 7B23K 9/00 7B23K 9/02 7F01N  
7/08**  
[25] EN  
[54] **METHOD OF CONNECTING TWO  
ELONGATED PORTIONS OF  
METALLIC PLATE, METHOD OF  
MANUFACTURING EXHAUST PIPE OF  
TWO-PASSAGE CONSTRUCTION, AND  
EXHAUST PIPE OF TWO-PASSAGE  
CONSTRUCTION**  
[54] **METHODE POUR CONNECTER  
DEUX PORTIONS ALLONGEES DE  
PLAQUE METALLIQUE, METHODE  
POUR FABRIQUER UN TUYAU  
D'ECHAPPEMENT A DEUX PASSAGES,  
ET TUYAU D'ECHAPPEMENT A DEUX  
PASSAGES**  
[72] ISHII, KAZUO, JP  
[72] HOSODA, FUMIO, JP  
[72] SASAGASE, TAKESHI, JP  
[72] UEGANE, MASAYUKI, JP  
[72] MUNEMURA, TAKESHI, JP  
[72] YANAGIBAYASHI, HIROTO, JP  
[72] SHIRAI, HIROKAZU, JP  
[72] YOSHITOSHI, NOBUYUKI, JP  
[72] EGUCHI, YOSHIHIKO, JP  
[72] SUZUKI, AKIHIRO, JP  
[72] SATO, NORIYUKI, JP  
[71] HONDA GIKEN KOGYO  
KABUSHIKI KAISHA, JP  
[71] KABUSHIKI KAISHA YUTAKA  
GIKEN, JP  
[22] 2000-12-19  
[43] 2001-06-24  
[30] JP (366749/1999) 1999-12-24  
[30] JP (107839/2000) 2000-04-10  
[30] JP (204895/2000) 2000-07-06

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[21] **2,329,025**  
[13] A1  
[51] **Int.Cl. 7C08G 65/333 7C09D 175/02  
7C07C 229/24**  
[25] EN  
[54] **IMPROVED POLYUREA  
COATINGS FROM DIMETHYL-  
SUBSTITUTED POLYASPARTIC  
ESTER MIXTURES**  
[54] **RETELEMENTS EN POLYUREE  
AMELIORES OBTENUS A PARTIR DE  
MELANGES DE POLYASPARTATES  
DIMETHYLES**  
[72] ROESLER, RICHARD R., US  
[72] SQUILLER, EDWARD P., US  
[71] BAYER CORPORATION, US  
[22] 2000-12-18  
[43] 2001-06-30  
[30] US (09/476,314) 1999-12-30

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[21] **2,329,094**  
[13] A1  
[51] **Int.Cl. 7G06T 7/00 7G06F 17/30**  
[25] EN  
[54] **COLOR SPACE QUANTIZATION  
DESCRIPTOR STRUCTURE**  
[54] **STRUCTURE D'UN DESCRIPTEUR  
DE QUANTIFICATION D'UN ESPACE  
COLORIMETRIQUE**  
[72] SONG, JUNG MIN, KR  
[72] KIM, HYEON JUN, KR  
[71] LG ELECTRONICS INC., KR  
[22] 2000-12-19  
[43] 2001-06-27  
[30] KR (62844/1999) 1999-12-27  
[30] KR (11333/2000) 2000-03-07

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[21] **2,329,111**  
[13] A1  
[51] **Int.Cl. 7G06F 17/60 7G06F 17/30**  
[25] EN  
[54] **ELECTRONIC COMMERCE  
SYSTEM AND ITS METHOD**  
[54] **SYSTEME DE COMMERCE  
ELECTRONIQUE ET METHODE  
CONNEXE**  
[72] PARTOS, JEROME, JP  
[72] ENOMOTO, AKIRA, JP  
[71] NET PROTECTIONS, INC., JP  
[22] 2000-12-20  
[43] 2001-06-28  
[30] JP (HEISEI 11(1999)-374301) 1999-12-28  
[30] JP (2000-372398) 2000-12-07

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[21] **2,329,186**  
[13] A1  
[51] **Int.Cl. 7C07D 249/12 7C07D 401/12  
7C07D 403/12 7C07D 405/12 7C07D 409/  
12 7C07D 417/12**  
[25] EN  
[54] **A PROCESS FOR THE  
MANUFACTURE OF  
SULFONYLAMINOCARBONYL  
TRIAZOLINONES AND SALTS  
THEREOF**  
[54] **PROCESSUS DE FABRICATION DE  
TRIAZOLINONES DE  
SULFONYLAMINOCARBONYLE ET  
DE SELS CONNEXES**  
[72] RIVADENEIRA, ERIC, US  
[72] DESAI, VIJAY C., US  
[72] PRASAD, VIDYANATHA A., US  
[72] KULKARNI, SHEKHAR A., US  
[71] BAYER CORPORATION, US  
[22] 2000-12-20  
[43] 2001-06-27  
[30] US (09/472,335) 1999-12-27

**Demandes canadiennes mises à la disponibilité du public**  
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[21] **2,329,201**  
[13] A1

[51] **Int.Cl. 7E04B 2/56**  
[25] EN  
[54] **EXTERNAL WALL CONSTRUCTION**  
[54] **MUR EXTERNE**  
[72] ISHIKO, TAKUO, JP  
[72] KANEKO, SHINICHI, JP  
[71] NICHIIHA CO., LTD., JP  
[22] 2000-12-20  
[43] 2001-06-24  
[30] JP (367340/1999) 1999-12-24  
[30] JP (067251/2000) 2000-03-10

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[21] **2,329,230**  
[13] A1

[51] **Int.Cl. 7C07D 249/12 7C07D 401/12 7C07D 403/12 7C07D 405/12 7C07D 409/12 7C07D 417/12**  
[25] EN  
[54] **A PROCESS FOR THE MANUFACTURE OF SULFONYLAMINOCARBONYL TRIAZOLINONES IN THE PRESENCE OF XYLENE AS SOLVENT**  
[54] **PROCESSUS DE FABRICATION DE TRIAZOLINONES DE SULFONYLAMINOCARBONYLE EN PRESENCE DE XYLENE EN TANT QUE SOLVANT**  
[72] JELICH, KLAUS, DE  
[72] PRASAD, VIDYANATHA A., US  
[71] BAYER CORPORATION, US  
[22] 2000-12-20  
[43] 2001-06-27  
[30] US (09/472,685) 1999-12-27

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[21] **2,329,239**  
[13] A1

[51] **Int.Cl. 7C07D 249/12**  
[25] EN  
[54] **A PROCESS FOR THE MANUFACTURE OF SUBSTITUTED TRIAZOLINONES**  
[54] **PROCESSUS DE FABRICATION DE TRIAZOLINONES SUBSTITUEES**  
[72] KULKARNI, SHEKHAR V., US  
[72] RIVADENEIRA, ERIC, US  
[72] JELICH, KLAUS, DE  
[72] DESAI, VIJAY C., US  
[72] PRASAD, VIDYANATHA A., US  
[71] BAYER CORPORATION, US  
[22] 2000-12-20  
[43] 2001-06-27  
[30] US (09/472,482) 1999-12-27

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[21] **2,329,280**  
[13] A1

[51] **Int.Cl. 7B22D 41/18 7B22D 11/10**  
[25] EN  
[54] **STOPPER FOR CONTINUOUS CASTING**  
[54] **OBTURATEUR POUR MOULAGE PAR COULEE CONTINUE**  
[72] ELKSNITIS, ANDY, JP  
[72] NARUSE, NORIYOSHI, JP  
[72] TAKAHASHI, SHIGEAKI, JP  
[71] AKECHI CERAMICS KABUSHIKI KAISHA, JP  
[22] 2000-12-20  
[43] 2001-06-28  
[30] JP (372180/1999) 1999-12-28

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[21] **2,329,291**  
[13] A1

[51] **Int.Cl. 7C08L 9/08 7C08J 3/26 7C08C 19/38**  
[25] EN  
[54] **RUBBER MIXTURES BASED ON UNCROSSLINKED RUBBERS AND CROSSLINKED RUBBER PARTICLES AS WELL AS MULTIFUNCTIONAL ISOCYANATES**  
[54] **MELANGES DE CAOUTCHOUC FAITS DE CAOUTCHOUCS NON RETICULES ET DE PARTICULES DE CAOUTCHOUC RETICULE ET D'ISOCYANATES MULTIFONCTIONNELS**  
[72] MEZGER, MARTIN, DE  
[72] OBRECHT, WERNER, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 2000-12-21  
[43] 2001-06-24  
[30] DE (19962862.9) 1999-12-24

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[21] **2,329,292**  
[13] A1

[51] **Int.Cl. 7C07D 249/12 7C07D 401/12 7C07D 403/12 7C07D 405/12 7C07D 409/12 7C07D 417/12**  
[25] EN  
[54] **A PROCESS FOR THE MANUFACTURE OF SULFONYLAMINOCARBONYL TRIAZOLINONES AND SALTS THEREOF UNDER PH CONTROLLED CONDITIONS**  
[54] **PROCESSUS DE FABRICATION DE TRIAZOLINONES DE SULFONYLAMINOCARBONYLE ET DE SELS CONNEXES DANS DES CONDITIONS O~ LE PH EST REGLE**  
[72] PRASAD, VIDYANATHA A., DE  
[72] JELICH, KLAUS, DE  
[71] BAYER CORPORATION, US  
[22] 2000-12-20  
[43] 2001-06-27  
[30] US (09/472,672) 1999-12-27

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[21] **2,329,293**  
[13] A1

[51] **Int.Cl. 7C08F 220/44 7B01J 39/20 7C22B 3/42 7C02F 1/42 7A23L 2/78**  
[25] EN  
[54] **PROCESS FOR PREPARING CROSSLINKED ION EXCHANGERS BASED ON UNSATURATED ALIPHATIC NITRILES**  
[54] **PROCEDE POUR PREPARER DES ECHANGEURS D'IONS RETICULES D'APRES DES NITRILES ALIPHATIQUES INSATURES**  
[72] BORN, RALF-JURGEN, DE  
[72] SCHNEGG, ULRICH, DE  
[72] SOEST, HANS-KARL, DE  
[72] KLIPPER, REINHOLD, DE  
[72] HAPP, MICHAEL, DE  
[72] ZARGES, WOLFGANG, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 2000-12-21  
[43] 2001-06-24  
[30] DE (19962935.8) 1999-12-24

Canadian Laid-Open Applications  
June 24, 2001 - June 30, 2001

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[21] **2,329,372**  
[13] A1  
[51] **Int.Cl. 7G06F 1/26 7G08C 19/00**  
[25] EN  
[54] **REMOTE POWER MANAGEMENT SYSTEM OF INFORMATION PROCESSING APPARATUS OR THE LIKE**  
[54] **SYSTEME DE GESTION D'ENERGIE D'UN APPAREIL DE TRAITEMENT DE L'INFORMATION OU D'UN APPAREIL CONNEXE**  
[72] FUKUI, MASAHIRO, JP  
[71] IDGATE CO., LTD., JP  
[22] 2000-12-21  
[43] 2001-06-27  
[30] JP (11-369907) 1999-12-27

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[21] **2,329,374**  
[13] A1  
[51] **Int.Cl. 7G08C 19/16 7G01G 23/00**  
[25] EN  
[54] **A PULSE WIDTH MODULATED WEIGHING PLATFORM**  
[54] **PLATE-FORME DE PESAGE A MODULATION D'IMPULSIONS EN DUREE**  
[72] MAHER, JAMES P., US  
[72] MILLER, KENNETH G., US  
[71] PITNEY BOWES INC., US  
[22] 2000-12-21  
[43] 2001-06-30  
[30] US (09/475,357) 1999-12-30

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[21] **2,329,432**  
[13] A1  
[51] **Int.Cl. 7B65D 19/00**  
[25] EN  
[54] **PALLET FOR CLAMPING A WORKPIECE TO BE PROCESSED**  
[54] **ANCRE POUR FIXER UNE PIECE A TRAITER**  
[72] AROSIO, MASSIMO, IT  
[71] OMBA S.R.L., IT  
[22] 2000-12-21  
[43] 2001-06-29  
[30] IT (MI99A-002732) 1999-12-29

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[21] **2,329,452**  
[13] A1  
[51] **Int.Cl. 7G08C 19/00 7G01G 19/40**  
[25] EN  
[54] **AN INTELLIGENT INTERFACE CABLE ASSEMBLY AND METHOD FOR PROVIDING THE SAME**  
[54] **ENSEMBLE DE CABLE A INTERFACE INTELLIGENTE ET METHODE D'INTERFACAGE ASSOCIEE**  
[72] WEIS, VINCENT R., US  
[72] KODONAS, KONSTANTIN G., US  
[72] BASS, EDWARD R., US  
[71] PITNEY BOWES INC., US  
[22] 2000-12-21  
[43] 2001-06-30  
[30] US (09/476,617) 1999-12-31

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[21] **2,329,454**  
[13] A1  
[51] **Int.Cl. 7H01R 4/70 7H01R 4/22**  
[25] EN  
[54] **IMPROVEMENTS IN SUBASSEMBLY ELECTRICAL ISOLATION CONNECTOR FOR DRILL ROD**  
[54] **AMELIORATIONS DANS UN CONNECTEUR D'ISOLEMENT ELECTRIQUE DE SOUS-ENSEMBLE POUR UNE TIGE DE SONDE**  
[72] DOPE, ANTHONY ROBERT, CA  
[72] CAMWELL, PAUL L., CA  
[72] SUTHERLAND, MICHAEL T., CA  
[71] RYAN ENERGY TECHNOLOGIES INC., CA  
[22] 2000-12-21  
[43] 2001-06-29  
[30] US (60/173,471) 1999-12-29

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[21] **2,329,455**  
[13] A1  
[51] **Int.Cl. 7A61F 13/53**  
[25] EN  
[54] **FLEXIBLE SHEET USED FOR DISPOSABLE SANITARY ARTICLE**  
[54] **MATERIAU SOUPLE UTILISE POUR ARTICLE HYGIENIQUE JETABLE**  
[72] HISANAKA, TAKAYUKI, JP  
[72] SUZUKI, MIOU, JP  
[72] TAKAI, HISASHI, JP  
[72] YAMAKI, KOICHI, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2000-12-21  
[43] 2001-06-27  
[30] JP (11-371480) 1999-12-27

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[21] **2,329,456**  
[13] A1  
[51] **Int.Cl. 7H04L 12/24**  
[25] EN  
[54] **METHODS FOR FACILITATING WEB-BASED INFORMATION EXCHANGE**  
[54] **METHODES POUR FACILITER L'ECHANGE D'INFORMATION WEB**  
[72] SHARMA, PALAVI, IN  
[72] SALUJA, RAHUL, IN  
[72] REED, ERIC BRYAN, US  
[72] SCANLON, JAMES R., US  
[72] WASSERMAN, JASON, US  
[72] SCHUITEMAN, BRYAN, US  
[72] BRUDZ, PATRICIA, US  
[72] FUSELIER, CHRISTOPHER S., US  
[72] POTTER, JONATHAN, US  
[72] DOUGHERTY, JOHN JAMES, US  
[72] WILLE, GUILLERMO, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2000-12-21  
[43] 2001-06-30  
[30] US (60/173,844) 1999-12-30  
[30] US (09/611,460) 2000-07-07

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[21] **2,329,460**  
[13] A1  
[51] **Int.Cl. 7H04L 12/16 7H04M 11/06**  
[25] EN  
[54] **DATA TERMINAL, DATA DISTRIBUTION SYSTEM, AND INTERNET TELEPHONE SYSTEM**  
[54] **TERMINAL DE TRAITEMENT DE DONNEES, SYSTEME DE DISTRIBUTION DE DONNEES, ET SYSTEME TELEPHONIQUE SUR INTERNET**  
[72] OGATA, KEISUKE, JP  
[72] MIYAZAKI, TOMIYA, JP  
[72] YAHIRO, KAZUO, JP  
[72] TANAKA, MASAFUMI, JP  
[72] IMAMURA, TORU, JP  
[72] ARITAKA, AKITOSHI, JP  
[72] TSUJIGAWA, TAKUJI, JP  
[72] TAKEDA, YUTAKA, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[22] 2000-12-21  
[43] 2001-06-24  
[30] JP (11-367206) 1999-12-24  
[30] JP (11-367207) 1999-12-24  
[30] JP (11-367208) 1999-12-24

**Demandes canadiennes mises à la disponibilité du public**  
**24 juin 2001 - 30 juin 2001**

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[21] **2,329,476**  
[13] A1

[51] **Int.Cl. 7C12Q 1/56 7A61K 35/14 7G01N 33/86**  
[25] EN  
[54] **READY-TO-USE RISTOCETIN COFACTOR TEST REAGENT POSSESSING LONG-TERM STABILITY**  
[54] **REACTIF D'ESSAI DE COFACTEUR DE RISTOCETINE PRET A UTILISER ET POSSEDANT UNE STABILITE A LONG TERME**  
[72] PATZKE, JURGEN, DE  
[72] BRAUN, KONRAD, DE  
[71] DADE BEHRING MARBURG GMBH, DE  
[22] 2000-12-21  
[43] 2001-06-29  
[30] DE (199 64 109.9) 1999-12-29

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[21] **2,329,489**  
[13] A1

[51] **Int.Cl. 7H04Q 3/64**  
[25] EN  
[54] **TRACKING AGENT CALL PROCESSING LOCATIONS IN CONNECTION WITH AN AUTOMATIC CALL DISTRIBUTION SYSTEM**  
[54] **LOCALISATION D'AGENTS UTILISANT DES UNITES DE TRAITEMENT D'APPELS EN RELATION AVEC UN SYSTEME DE DISTRIBUTION AUTOMATIQUE DES APPELS**  
[72] POWER, MARK J., US  
[72] DEZONNO, ANTHONY J., US  
[72] BAKER, DANIEL F., US  
[72] SHAMBAUGH, CRAIG R., US  
[71] ROCKWELL ELECTRONIC COMMERCE CORPORATION, US  
[22] 2000-12-22  
[43] 2001-06-30  
[30] US (09/476,750) 1999-12-30

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[21] **2,329,499**  
[13] A1

[51] **Int.Cl. 7A63C 1/26 7A63C 17/06 7A43B 5/16**  
[25] EN  
[54] **ADJUSTMENT DEVICE, PARTICULARLY FOR ADJUSTING THE SIZE OF AN IN-LINE ROLLER SKATE**  
[54] **DISPOSITIF DE REGLAGE, PARTICULIEREMENT POUR REGLER LES DIMENSIONS D'UN PATIN A ROUES ALIGNEES**  
[72] GORZA, ROBERTO, IT  
[72] BENETTI, CRISTIANO, IT  
[71] BENETTON GROUP S.P.A., IT  
[22] 2000-12-22  
[43] 2001-06-28  
[30] IT (TV99A000144) 1999-12-28

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[21] **2,329,500**  
[13] A1

[51] **Int.Cl. 7B60B 33/00**  
[25] EN  
[54] **SELF-ORIENTATING TWIN CASTOR OF THE TYPE COMPRISING A PAIR OF COAXIAL WHEELS**  
[54] **ROULETTE DOUBLE AUTO-ORIENTABLE DU TYPE COMPRENANT UNE PAIRE DE ROUES COAXIALES**  
[72] MELARA, FRANCESCANTONIO, IT  
[71] EMILSIDER MECCANICA S.P.A., IT  
[22] 2000-12-22  
[43] 2001-06-24  
[30] IT (BO99A000711) 1999-12-24

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[21] **2,329,501**  
[13] A1

[51] **Int.Cl. 7A61M 5/32**  
[25] EN  
[54] **SAFETY INTRAVENOUS CATHETER**  
[54] **CATHETER INTRAVEINEUX DE SECURITE**  
[72] CHANG, JOSEPH, US  
[71] ETHICON, INC., US  
[22] 2000-12-22  
[43] 2001-06-30  
[30] US (09/476,429) 1999-12-30

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[21] **2,329,502**  
[13] A1

[51] **Int.Cl. 7A61M 5/32**  
[25] EN  
[54] **NEEDLE SAFETY COVER**  
[54] **EMBOUT DE PROTECTION POUR AIGUILLE**  
[72] ALLMON, BUTCH, US  
[71] ETHICON, INC., US  
[22] 2000-12-22  
[43] 2001-06-30  
[30] US (09/476,424) 1999-12-30

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[21] **2,329,507**  
[13] A1

[51] **Int.Cl. 7A63C 1/26 7A63C 17/06 7A43B 5/16**  
[25] EN  
[54] **INNERBOOT FOR SPORTS SHOES**  
[54] **CHAUSSONS POUR CHAUSSURES DE SPORT**  
[72] PELLEGRINI, ALFRED JR., IT  
[72] BRESOLIN, STEFANO, IT  
[71] BENETTON GROUP S.P.A., IT  
[22] 2000-12-22  
[43] 2001-06-30  
[30] IT (TV99U000057) 1999-12-31

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[21] **2,329,516**  
[13] A1

[51] **Int.Cl. 7C07D 217/04 7C07D 401/00 7C07D 405/00 7C07D 409/00 7C07D 413/00 7C07D 417/00 7C07D 217/14 7A61K 31/472 7A61K 31/5377 7A61K 31/55**  
[25] EN  
[54] **TETRAHYDROISOQUINOLINE COMPOUNDS AS ESTROGEN AGONISTS/ANTAGONISTS**  
[54] **COMPOSES DE TETRAHYDROISOQUINOLINE EN TANT QU'AGONISTES/ANTAGONISTES D'OESTROGENES**  
[72] DA SILVA-JARDINE, PAUL ANDREW, US  
[72] DAY, ROBERT FRANCIS, US  
[72] ZAWISTOSKI, MICHAEL PAUL, US  
[72] LEFKER, BRUCE ALLEN, US  
[72] CHESWORTH, RICHARD, US  
[72] CAMERON, KIMBERLY O'KEEFE, US  
[71] PFIZER PRODUCTS INC., US  
[22] 2000-12-22  
[43] 2001-06-24  
[30] US (60/173,063) 1999-12-24

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June 24, 2001 - June 30, 2001

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[21] **2,329,535**  
[13] A1  
[51] **Int.Cl. 7C11D 3/14 7B41N 3/06**  
[25] EN  
[54] **A CLEANING COMPOSITION FOR PRINTING PRESSES**  
[54] **COMPOSITION DE NETTOYAGE POUR LES PRESSES A IMPRIMER**  
[72] DIETRICH, ROLAND, DE  
[72] HARTMANN, THOMAS, DE  
[72] BELTLE, HANS-CHRISTOPH, DE  
[72] FUCHS, ANDREA, DE  
[71] MAN ROLAND DRUCKMASCHINEN AG, DE  
[22] 2000-12-22  
[43] 2001-06-24  
[30] DE (199 63 124.7) 1999-12-24

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[21] **2,329,547**  
[13] A1  
[51] **Int.Cl. 7A45C 11/00 7A45F 3/00**  
[25] EN  
[54] **TELECOMMUNICATIONS EQUIPMENT TRANSPORTATION APPARATUS**  
[54] **DISPOSITIF DE TRANSPORT DE MATERIEL DE TELECOMMUNICATIONS**  
[72] DENMEADE, TIMOTHY J., US  
[71] DENMEADE, TIMOTHY J., US  
[22] 2000-12-22  
[43] 2001-06-28  
[30] US (09/473,759) 1999-12-28

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[21] **2,329,557**  
[13] A1  
[51] **Int.Cl. 7D21H 17/28**  
[25] EN  
[54] **PAPER QUALITY IMPROVER COMPOSITION FOR PAPERMAKING**  
[54] **COMPOSITION POUR AMELIORER LA QUALITE DU PAPIER DANS LA FABRICATION DE CE DERNIER**  
[72] IKEDA, YSUSHI, JP  
[72] TADOKORO, TAKAAKI, JP  
[72] TAKAHASHI, HIROMICHI, JP  
[71] KAO CORPORATION, JP  
[22] 2000-12-22  
[43] 2001-06-24  
[30] JP (11-366717) 1999-12-24  
[30] JP (2000-153270) 2000-05-24

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[21] **2,329,561**  
[13] A1  
[51] **Int.Cl. 7C22C 21/00 7C22B 7/00**  
[25] EN  
[54] **ALUMINIUM BASE ALLOY OF SCRAP METAL AND CASTING ALLOY PRODUCED FROM THIS**  
[54] **ALLIAGE A BASE D'ALUMINIUM FAIT DE FERRAILLE ET ALLIAGE DE MOULAGE PRODUIT A PARTIR DE CELUI-CI**  
[72] OST, GERHARD, DE  
[72] SCHRAMM, HORST, DE  
[72] KRUG, PETER, DE  
[72] KOCH, HUBERT, DE  
[71] ALUMINIUM RHEINFELDEN GMBH, DE  
[22] 2000-12-22  
[43] 2001-06-24  
[30] EP (99811210.6) 1999-12-24

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[21] **2,329,563**  
[13] A1  
[51] **Int.Cl. 7G01N 27/403**  
[25] EN  
[54] **CELL FOR ELECTROCHEMICAL ANALYSIS OF A SAMPLE AND METHOD**  
[54] **CELLULE POUR L'ANALYSE ELECTROCHIMIQUE D'UN ECHANTILLON ET METHODE CONNEXE**  
[72] BHULLAR, RAGHBIR SINGH, US  
[72] HILL, BRIAN, US  
[71] ROCHE DIAGNOSTICS CORPORATION, US  
[22] 2000-12-22  
[43] 2001-06-30  
[30] US (09/476,442) 1999-12-30

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[21] **2,329,564**  
[13] A1  
[51] **Int.Cl. 7G01N 27/403**  
[25] EN  
[54] **CELL FOR ELECTROCHEMICAL ANALYSIS OF A SAMPLE AND METHOD**  
[54] **CELLULE POUR L'ANALYSE ELECTROCHIMIQUE D'UN ECHANTILLON ET METHODE CONNEXE**  
[72] HILL, BRIAN, US  
[72] BHULLAR, RAGHBIR SINGH, US  
[72] WALLING, DOUGLAS P., US  
[71] ROCHE DIAGNOSTICS CORPORATION, US  
[22] 2000-12-22  
[43] 2001-06-30  
[30] US (09/475,904) 1999-12-30

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[21] **2,329,566**  
[13] A1  
[51] **Int.Cl. 7C30B 25/08**  
[25] EN  
[54] **APPARATUS FOR GROWING THIN FILMS**  
[54] **APPAREIL POUR FAIRE POUSSER DES PELLICULES MINCES**  
[72] SOININEN, PEKKA T., FI  
[72] KILPI, VAINO, FI  
[71] ASM MICROCHEMISTRY OY, FI  
[22] 2000-12-22  
[43] 2001-06-28  
[30] FI (19992798) 1999-12-28

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[21] **2,329,568**  
[13] A1  
[51] **Int.Cl. 7C30B 25/08**  
[25] EN  
[54] **APPARATUS FOR GROWING THIN FILMS**  
[54] **APPAREIL POUR FAIRE POUSSER DES PELLICULES MINCES**  
[72] KILPI, VAINO, FI  
[71] ASM MICROCHEMISTRY OY, FI  
[22] 2000-12-22  
[43] 2001-06-28  
[30] FI (19992797) 1999-12-28

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[21] **2,329,571**  
[13] A1  
[51] **Int.Cl. 7H02J 7/00 7G06F 1/26**  
[25] EN  
[54] **CHARGING SYSTEM FOR PORTABLE EQUIPMENT**  
[54] **SYSTEME DE CHARGE POUR MATERIEL PORTATIF**  
[72] MAEMURA, KOZO, JP  
[72] ICHIHARA, MASAKI, JP  
[71] NEC CORPORATION, JP  
[22] 2000-12-22  
[43] 2001-06-27  
[30] JP (11-371727) 1999-12-27

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[21] **2,329,572**  
[13] A1

[51] **Int.Cl. 7C03C 13/00 7D02G 3/04 7D01F 1/10**  
[25] EN  
[54] **ANTIBACTERIAL PROPERTY IMPARTING GLASS COMPOSITION, ANTIBACTERIAL FIBER, ANTIBACTERIAL TWISTED YARN AND ANTIBACTERIAL CLOTH**  
[54] **COMPOSITION DE VERRE CONFERANT DES PROPRIETES ANTIBACTERIENNES, FIBRE ANTIBACTERIENNE, FIL RETORS SIMPLE ET CHIFFON ANTIBACTERIENS**  
[72] NOMURA, MAKIO, JP  
[71] ISHIZUKA GARASU KABUSHIKI KAISHA, JP  
[22] 2000-12-22  
[43] 2001-06-28  
[30] JP (11-375579) 1999-12-28  
[30] JP (2000-292964) 2000-09-26

[21] **2,329,573**  
[13] A1

[51] **Int.Cl. 7H02M 7/30**  
[25] EN  
[54] **POWER CIRCUIT WITH SMOOTHING CHOKE COIL INDUCTANCE VARYING CIRCUIT**  
[54] **CIRCUIT D'ALIMENTATION MUNI D'UN CIRCUIT VARIABLE DE SELF DE LISSAGE**  
[72] YAMAGUCHI, MANABU, JP  
[71] NEC CORPORATION, JP  
[22] 2000-12-22  
[43] 2001-06-27  
[30] JP (371495/1999) 1999-12-27

[21] **2,329,575**  
[13] A1

[51] **Int.Cl. 7C03C 13/00 7D02G 3/04 7D01F 1/10**  
[25] EN  
[54] **ANTIBACTERIAL PROPERTY IMPARTING GLASS COMPOSITION, AND ANTIBACTERIAL POLYMER COMPOSITE MATERIAL AND MOLDED ANTIBACTERIAL POLYMER COMPOSITE MATERIAL USING THE SAME**  
[54] **COMPOSITION DE VERRE CONFERANT DES PROPRIETES ANTIBACTERIENNES, MATERIEL COMPOSITE POLYMERE ANTIBACTERIEN ET MATERIEL COMPOSITE POLYMERE ANTIBACTERIEN MOULE UTILISANT LADITE COMPOSITION**  
[72] NOMURA, MAKIO, JP  
[71] ISHIZUKA GARASU KABUSHIKI KAISHA, JP  
[22] 2000-12-22  
[43] 2001-06-28  
[30] JP (11-375575) 1999-12-28  
[30] JP (2000-292960) 2000-09-26

[21] **2,329,576**  
[13] A1

[51] **Int.Cl. 7C07D 207/26 7A61P 25/00 7A61K 31/496**  
[25] EN  
[54] **OPTICALLY ACTIVE 3-(2-PIPERAZINYLPHENYL)METHYL]-1-  
-4-(TRIFLUOROMETHYL)PHENYL]-2-  
PYRROLIDINONE COMPOUNDS AS 5-  
HT1D RECEPTOR SELECTIVE  
ANTAGONISTS**  
[54] **COMPOSES OPTIQUEMENT  
ACTIFS DE 3-(2-  
PIPERAZINYLPHENYLE)METHYLE]-  
1-  
-4-  
(TRIFLUOROMETHYLE)PHENYLE]-2-  
PYRROLIDINONE EN TANT  
QU'ANTAGONISTES SELECTIFS DE  
RECEPTEURS 5-HT1D**  
[72] ADAM, MAVIS DIANE, US  
[72] HOWARD, HARRY RALPH JR., US  
[72] CARON, STEPHANE, US  
[71] PFIZER PRODUCTS INC., US  
[22] 2000-12-27  
[43] 2001-06-29  
[30] US (60/173,437) 1999-12-29

[21] **2,329,580**  
[13] A1

[51] **Int.Cl. 7A63C 5/00 7B62D 55/00 7B60N 3/00 7B62D 63/04 7B60R 7/04**  
[25] EN  
[54] **LIGHTED STORAGE COMPARTMENT FOR SNOWMOBILE**  
[54] **COMPARTIMENT DE RANGEMENT ECLAIRE POUR MOTONEIGE**  
[72] ISHII, KAZUHISA, JP  
[71] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP  
[22] 2000-12-22  
[43] 2001-06-24  
[30] JP (HEI 11-365,940) 1999-12-24

[21] **2,329,581**  
[13] A1

[51] **Int.Cl. 7F01L 1/18**  
[25] EN  
[54] **VALVE OPERATING SYSTEM IN INTERNAL COMBUSTION ENGINE**  
[54] **SYSTEME DE DISTRIBUTION D'UN MOTEUR THERMIQUE**  
[72] TANAKA, CHIKARA, JP  
[72] NAKAMURA, HIROMU, JP  
[72] YAMADA, NORIYUKI, JP  
[72] IWAMOTO, JUNICHI, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2000-12-22  
[43] 2001-06-27  
[30] JP (11-370831) 1999-12-27  
[30] JP (11-370836) 1999-12-27

[21] **2,329,582**  
[13] A1

[51] **Int.Cl. 7F01L 1/18**  
[25] EN  
[54] **VALVE OPERATING SYSTEM IN INTERNAL COMBUSTION ENGINE**  
[54] **SYSTEME DE DISTRIBUTION D'UN MOTEUR THERMIQUE**  
[72] YAMADA, NORIYUKI, JP  
[72] IWAMOTO, JUNICHI, JP  
[72] TANAKA, CHIKARA, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2000-12-22  
[43] 2001-06-27  
[30] JP (11-370833) 1999-12-27

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[21] **2,329,585**  
[13] A1  
[51] **Int.Cl. 7B60K 23/00 7B60K 20/04 7B60T 7/04**  
[25] EN  
[54] **PEDAL BOX FOR A VEHICLE ETC.**  
[54] **BOITE A PEDALES POUR UN VEHICULE, ETC**  
[72] JAGGER, CHRISTOPHER ANDREW, GB  
[72] BARNES, COLIN ANTHONY, GB  
[72] THISTLETON, JOHN STUART, GB  
[71] BCK TECHNOLOGY LIMITED, GB  
[22] 2000-12-22  
[43] 2001-06-24  
[30] GB (9930601.1) 1999-12-24

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[21] **2,329,592**  
[13] A1  
[51] **Int.Cl. 7A47J 36/06**  
[25] EN  
[54] **COOKWARE SYSTEM AND MULTIPURPOSE COOKWARE COVER FOR SAME**  
[54] **PORCELAINE A FEU ET COUVERCLE A MULTIPLES USAGES POUR LADITE PORCELAINE A FEU**  
[72] PAUL, GERRY T., US  
[72] KROSCHER, TODD W., US  
[71] NEWELL OPERATING COMPANY, US  
[22] 2000-12-22  
[43] 2001-06-27  
[30] US (09/472,264) 1999-12-27

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[21] **2,329,603**  
[13] A1  
[51] **Int.Cl. 7F16K 17/40**  
[25] EN  
[54] **BURSTING DISC ASSEMBLY RETAINING RING WITH A CLOVER LEAF CUTTING PATTERN AND PROJECTION**  
[54] **BAGUE DE RETENUE A PROFIL ET ERGOT DE COUPE EN FEUILLE DE TREFLE POUR ENSEMBLE A DISQUE DE RUPTURE**  
[72] MUDDIMAN, SCOTT G., CA  
[72] GODDARD, JOHN D., CA  
[71] PROCESS EQUIPMENT INC., CA  
[22] 2000-12-27  
[43] 2001-06-30  
[30] US (09/475,182) 1999-12-30

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[21] **2,329,586**  
[13] A1  
[51] **Int.Cl. 7F01L 5/18**  
[25] EN  
[54] **VALVE OPERATING SYSTEM IN INTERNAL COMBUSTION ENGINE**  
[54] **SYSTEME DE DISTRIBUTION D'UN MOTEUR THERMIQUE**  
[72] IWAMOTO, JUNICHI, JP  
[72] NAKAMURA, HIROMU, JP  
[72] YAMADA, NORIYUKI, JP  
[72] TANAKA, CHIKARA, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2000-12-22  
[43] 2001-06-27  
[30] JP (11-370835) 1999-12-27

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[21] **2,329,596**  
[13] A1  
[51] **Int.Cl. 7F41G 1/00**  
[25] EN  
[54] **IN-ACTION BORESIGHT**  
[54] **VISEE EN ACTION**  
[72] LEVER, RAMI, IL  
[72] PEDUT, HAI, IL  
[72] GREENFIELD, JONATHAN, IL  
[72] ZARCHI, DAVID, IL  
[71] STATE OF ISRAEL - MINISTRY OF DEFENCE RAFAEL - ARMAMENT DEVELOPMENT AUTH, IL  
[22] 2000-12-22  
[43] 2001-06-30  
[30] IL (133835) 1999-12-30

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[21] **2,329,606**  
[13] A1  
[51] **Int.Cl. 7C08L 53/00 7C08L 31/04 7C08L 23/16 7C08J 5/18**  
[25] EN  
[54] **POLYPROPYLENE BASE POROUS FILM AND PRODUCTION PROCESS FOR THE SAME**  
[54] **FILM POREUX A BASE DE POLYPROPYLENE ET PROCESSUS DE PRODUCTION DUDIT FILM**  
[72] TAKAHASHI, YOSHINORI, JP  
[72] OSAKI, DAISUKE, JP  
[71] TOKUYAMA CORPORATION, JP  
[22] 2000-12-27  
[43] 2001-06-27  
[30] JP (369,932/99) 1999-12-27  
[30] JP (2000-263,637) 2000-08-31

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[21] **2,329,588**  
[13] A1  
[51] **Int.Cl. 7F16F 9/02**  
[25] EN  
[54] **LOW IMPACT GAS SPRING**  
[54] **RESSORT PNEUMATIQUE A FAIBLE FORCE DE CHOC**  
[72] STENQUIST, SVEN, SE  
[71] DIEBOLT INTERNATIONAL, INC., US  
[22] 2000-12-22  
[43] 2001-06-30  
[30] US (09/475,582) 1999-12-30  
[30] US (09/645,683) 2000-08-24

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[21] **2,329,599**  
[13] A1  
[51] **Int.Cl. 7B43M 3/04**  
[25] EN  
[54] **SYSTEM AND METHOD FOR DOCUMENT INPUT CONTROL**  
[54] **SYSTEME ET METHODE POUR CONTROLER L'ALIMENTATION FEUILLE A FEUILLE**  
[72] SUSSMEIER, JOHN W., US  
[72] MASOTTA, JOHN R., US  
[72] O'DEA, KEVIN J., US  
[71] PITNEY BOWES INC., US  
[22] 2000-12-22  
[43] 2001-06-28  
[30] US (09/473,533) 1999-12-28

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[21] **2,329,608**  
[13] A1  
[51] **Int.Cl. 7G01N 33/533 7C12Q 1/00 7C12Q 1/42 7G01N 33/535 7C12Q 1/54**  
[25] EN  
[54] **CHEMILUMINESCENT ASSAY**  
[54] **DOSAGE CHIMILUMINESCENT**  
[72] SARUTA, HIROKO, JP  
[72] MATSUNO, TATSUKI, JP  
[71] FUJIREBIO INC., JP  
[22] 2000-12-27  
[43] 2001-06-28  
[30] JP (374513/99) 1999-12-28  
[30] JP (2000-301889) 2000-10-02

**Demandes canadiennes mises à la disponibilité du public**  
**24 juin 2001 - 30 juin 2001**

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[21] **2,329,610**  
[13] A1

[51] **Int.Cl. 7F28F 21/00 7F25B 29/00 7F28F 9/02 7F28D 1/04**  
[25] EN  
[54] **PIPE MAT FOR AIR-CONDITIONING**  
[54] **COUSSINET DE TUYAU POUR L'AIR CLIMATISE**  
[72] MIYAMURA, MASASHI, JP  
[71] TOYOX CO., LTD., JP  
[22] 2000-12-27  
[43] 2001-06-28  
[30] JP (11-375693) 1999-12-28  
[30] JP (2000-279249) 2000-09-14

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[21] **2,329,613**  
[13] A1

[51] **Int.Cl. 7E02F 3/815 7E01H 5/06**  
[25] EN  
[54] **CUTTING EDGE**  
[54] **LAME RACLEUSE**  
[72] AMANO, MASAHARU, JP  
[72] OKAWA, KAZUHIDE, JP  
[72] NAGATA, TAKANORI, JP  
[71] KOMATSU LTD., JP  
[22] 2000-12-27  
[43] 2001-06-27  
[30] JP (11-371106) 1999-12-27

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[21] **2,329,615**  
[13] A1

[51] **Int.Cl. 7B60P 3/34**  
[25] EN  
[54] **SLIDE-OUT COMPARTMENT FOR A VEHICLE**  
[54] **CASE COULISSANTE POUR VEHICULE**  
[72] HIEBERT, GRANT W., CA  
[72] CLANCY, GERALD W., CA  
[72] SMITH, EWAN, CA  
[71] HIEBERT, GRANT W., CA  
[71] CLANCY, GERALD W., CA  
[71] SMITH, EWAN, CA  
[22] 2000-12-27  
[43] 2001-06-27  
[30] US (60/171,651) 1999-12-27

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[21] **2,329,616**  
[13] A1

[51] **Int.Cl. 7C02F 1/78 7C02F 1/30**  
[25] EN  
[54] **PROCESS FOR THE DEGRADATION OF ORGANIC COMPOUNDS IN AQUEOUS SOLUTION BY MEANS OF OZONISATION AND SUNLIGHT IRRADIATION**  
[54] **PROCEDE POUR LA DEGRADATION DE COMPOSES ORGANIQUES EN SOLUTION AQUEUSE PAR L'OZONISATION ET L'IRRADIATION DE LA LUMIERE DU SOLEIL**  
[72] PERAL PEREZ, JOSEP, ES  
[72] LLIBRE URPI, JUAN, ES  
[72] CASADO GIMENEZ, JUAN, ES  
[71] SOCIEDAD ESPANOLA DE CARBUROS METALICOS, S.A., ES  
[22] 2000-12-27  
[43] 2001-06-28  
[30] ES (9902857) 1999-12-28

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[21] **2,329,629**  
[13] A1

[51] **Int.Cl. 7C04B 16/02 7C04B 24/12**  
[25] EN  
[54] **APPLICATION OF METHYLENEDIPHENYLDIISOCYANATE FOR PRODUCING GYPSUM/WOOD FIBER BOARD**  
[54] **UTILISATION DU DIISOCYANATE DE DIPHENYLMETHANE POUR FABRIQUER DES PANNEAUX DE GYPSE/FIBRES DE BOIS**  
[72] ENGLERT, MARK, US  
[71] UNITED STATES GYPSUM COMPANY, US  
[22] 2000-12-27  
[43] 2001-06-30  
[30] US (09/476,741) 1999-12-30

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[21] **2,329,630**  
[13] A1

[51] **Int.Cl. 7E06B 9/06 7E06B 3/30**  
[25] EN  
[54] **DECORATIVE WINDOW SHUTTER**  
[54] **VOLET DECORATIF POUR FENETRE**  
[72] VAN HEE, MICHELLE C., CA  
[71] VAN HEE, MICHELLE C., CA  
[22] 2000-12-27  
[43] 2001-06-30  
[30] CA (2,291,921) 1999-12-31

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[21] **2,329,635**  
[13] A1

[51] **Int.Cl. 7C08F 122/06 7C08F 8/30 7C08G 65/332**  
[25] EN  
[54] **POLYMER AND MACROMOLECULAR SOLID ELECTROLYTE CONTAINING THE SAME**  
[54] **POLYMER ET ELECTROLYTE SOLIDE MACROMOLECULAIRE CONTENANT CE POLYMER**  
[72] PAN, JINXING, JP  
[72] AOKI, MINORU, JP  
[72] ITO, SHOJI, JP  
[72] AIZAWA, RYUJI, JP  
[71] NIPPON SHOKUBAI CO., LTD., JP  
[22] 2000-12-27  
[43] 2001-06-28  
[30] JP (11-374637) 1999-12-28  
[30] JP (2000-318116) 2000-10-18  
[30] JP (2000-349822) 2000-11-16

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[21] **2,329,639**  
[13] A1

[51] **Int.Cl. 7H01G 9/058 7H01G 9/155**  
[25] EN  
[54] **ACTIVATED CARBON FOR ELECTRIC DOUBLE-LAYER CAPACITOR**  
[54] **CHARBON ACTIVE POUR CONDENSATEUR ELECTRIQUE A DOUBLE COUCHE**  
[72] OYAMA, SHIGEKI, JP  
[72] ENDOH, MORINOBU, JP  
[72] OKI, NAOHICO, JP  
[72] NOGUCHI, MINORU, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2000-12-27  
[43] 2001-06-28  
[30] JP (11-373047) 1999-12-28

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[21] **2,329,641**  
[13] A1

[51] **Int.Cl. 7H04Q 7/38 7H04B 7/02**  
[25] EN  
[54] **MOBILE COMMUNICATIONS SYSTEM AND CONNECTION CONTROL METHOD**  
[54] **SYSTEME DE COMMUNICATIONS MOBILE ET METHODE DE CONTROLE DE LA CONNEXION**  
[72] FURUKAWA, HIROSHI, JP  
[72] USHIKAWA, AKIHISA, JP  
[71] NEC CORPORATION, JP  
[22] 2000-12-27  
[43] 2001-06-27  
[30] JP (368603/1999) 1999-12-27

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[21] **2,329,644**  
[13] A1  
[51] **Int.Cl. 7H01M 8/00 7H01M 8/04**  
[25] EN  
[54] **FUEL CELL AND METHOD FOR OPERATING THE SAME**  
[54] **PILE A COMBUSTIBLE ET METHODE DE FONCTIONNEMENT**  
[72] YOSIDA, TAKAHIRO, JP  
[72] KATO, HIDEO, JP  
[72] MORIYA, TAKASHI, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2000-12-27  
[43] 2001-06-28  
[30] JP (11-374641) 1999-12-28

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[21] **2,329,645**  
[13] A1  
[51] **Int.Cl. 7G08B 5/36 7B60S 5/00 7B60Q 3/06 7F01M 11/12**  
[25] EN  
[54] **LOCATOR DEVICE**  
[54] **LOCALISATEUR**  
[72] JOHNSON, FRANK, CA  
[72] MCKEEN, DAVID, CA  
[71] JOHNSON, FRANK, CA  
[71] MCKEEN, DAVID, CA  
[22] 2000-12-27  
[43] 2001-06-24  
[30] CA (2,293,143) 1999-12-24  
[30] CA (2,299,652) 2000-02-25

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[21] **2,329,646**  
[13] A1  
[51] **Int.Cl. 7G06F 17/60 7H04L 12/16**  
[25] EN  
[54] **IMAGE COMMERCIAL TRANSACTIONS SYSTEM AND METHOD, IMAGE TRANSFER SYSTEM AND METHOD, IMAGE DISTRIBUTION SYSTEM AND METHOD, DISPLAY DEVICE AND METHOD**  
[54] **SYSTEME ET METHODE DE TRANSACTIONS COMMERCIALES D'IMAGES, SYSTEME ET METHODE DE TRANSFERT D'IMAGES, SYSTEME ET METHODE DE DISTRIBUTION D'IMAGES, APPAREIL ET METHODE D'AFFICHAGE**  
[72] TOSHIKAGE, HIDEKI, JP  
[72] YONEYAMA, SHIGEYUKI, JP  
[71] SONY CORPORATION, JP  
[22] 2000-12-27  
[43] 2001-06-28  
[30] JP (P11-375544) 1999-12-28

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[21] **2,329,647**  
[13] A1  
[51] **Int.Cl. 7B23D 61/00 7B27B 33/02**  
[25] EN  
[54] **SAW BLADE**  
[54] **LAME DE SCIE**  
[72] KULLMANN, JOERG H., DE  
[72] FLUHRER, MANFRED, DE  
[71] WIKUS SAEGENFABRIK WILHELM H. KULLMANN GMBH & CO. KG, DE  
[22] 2000-12-27  
[43] 2001-06-28  
[30] DE (199 63 396.7) 1999-12-28

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[21] **2,329,648**  
[13] A1  
[51] **Int.Cl. 7H02K 5/00 7H02K 5/15**  
[25] EN  
[54] **RESILIENT RING MOTOR MOUNTING ASSEMBLY**  
[54] **PLAQUE DE FIXATION POUR MOTEUR, AVEC BAGUE ELASTIQUE**  
[72] CHAHAR, VIJAY PAL SINGH, US  
[72] LIN, PAUL CHRISTOPHER, US  
[72] COOK, MICHAEL ANDREW, US  
[72] CAREY, TIMOTHY WILBUR, US  
[72] RAGIDIMILLI, SREERAMACHANDRA MURTY, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2000-12-27  
[43] 2001-06-27  
[30] US (60/173,221) 1999-12-27

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[21] **2,329,650**  
[13] A1  
[51] **Int.Cl. 7F01L 1/18**  
[25] EN  
[54] **VALVE OPERATING SYSTEM IN INTERNAL COMBUSTION ENGINE**  
[54] **DISTRIBUTION DANS UN MOTEUR A COMBUSTION INTERNE**  
[72] TANAKA, CHIKARA, JP  
[72] NAKAMURA, HIROMU, JP  
[72] YAMADA, NORIYUKI, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2000-12-27  
[43] 2001-06-28  
[30] JP (11-375569) 1999-12-28

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[21] **2,329,651**  
[13] A1  
[51] **Int.Cl. 7H05K 13/04 7H05K 13/02**  
[25] EN  
[54] **METHOD AND APPARATUS FOR JOINING SUPPLEMENTARY PRODUCTS TO PRINTED PRODUCTS**  
[54] **METHODE ET APPAREIL POUR RELIER DES PRODUITS SUPPLEMENTAIRES A DES PRODUITS IMPRIMES**  
[72] HANSCH, EGON, CH  
[71] FERAG AG, CH  
[22] 2000-12-27  
[43] 2001-06-28  
[30] CH (1999 2385/99) 1999-12-28

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[21] **2,329,653**  
[13] A1  
[51] **Int.Cl. 7F01L 1/18**  
[25] EN  
[54] **VALVE OPERATING SYSTEM IN INTERNAL COMBUSTION ENGINE**  
[54] **DISTRIBUTION DANS UN MOTEUR A COMBUSTION INTERNE**  
[72] TANAKA, CHIKARA, JP  
[72] NAKAMURA, HIROMU, JP  
[72] IWAMOTO, JUNICHI, JP  
[72] YAMADA, NORIYUKI, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2000-12-27  
[43] 2001-06-28  
[30] JP (11-375570) 1999-12-28

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[21] **2,329,666**  
[13] A1  
[51] **Int.Cl. 7H04Q 7/32 7H04M 1/23**  
[25] EN  
[54] **FOLDABLE PORTABLE TELEPHONE**  
[54] **TELEPHONE PORTATIF REPLIABLE**  
[72] AKAO, MASAHIDE, JP  
[72] YAMAOKA, MICHYUKI, JP  
[72] TSUJI, YASUNORI, JP  
[71] SANYO ELECTRIC CO., LTD., JP  
[22] 2000-12-27  
[43] 2001-06-27  
[30] JP (11-370325) 1999-12-27

**Demandes canadiennes mises à la disponibilité du public**  
**24 juin 2001 - 30 juin 2001**

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[21] **2,329,669**  
[13] A1

[51] **Int.Cl. 7H01R 13/02 7H01R 12/18**  
[25] EN  
[54] **ELECTRICAL CONTACT WITH ORTHOGONAL CONTACT ARMS AND OFFSET CONTACT AREAS**  
[54] **CONTACT ELECTRIQUE AVEC CONTACTS DE RUPTEUR ORTHOGONAUX ET DES ZONES DE CONTACT DECALEES**  
[72] BILLMAN, TIMOTHY B., US  
[71] BERG TECHNOLOGY, INC., US  
[22] 2000-12-27  
[43] 2001-06-29  
[30] US (09/473,771) 1999-12-29

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[21] **2,329,671**  
[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **IMAGE COMMERCIAL TRANSACTIONS SYSTEM AND METHOD**  
[54] **SYSTEME ET METHODE DE TRANSACTIONS COMMERCIALES D'IMAGES**  
[72] TOSHIKAGE, HIDEKI, JP  
[72] YONEYAMA, SHIGEYUKI, JP  
[71] SONY CORPORATION, JP  
[22] 2000-12-27  
[43] 2001-06-28  
[30] JP (P11-375545) 1999-12-28

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[21] **2,329,673**  
[13] A1

[51] **Int.Cl. 7E21B 47/04 7E21B 47/06 7E21B 7/08**  
[25] EN  
[54] **EQUI-PRESSURE GEOSTEERING**  
[54] **GEO-ORIENTATION A EQUIPRESSION**  
[72] EDWARDS, JOHN E., GB  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[22] 2000-12-27  
[43] 2001-06-30  
[30] US (09/475,871) 1999-12-30

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[21] **2,329,674**  
[13] A1

[51] **Int.Cl. 7H01M 2/14**  
[25] EN  
[54] **METHOD FOR DEPOSITING METAL HAVING HIGH CORROSION RESISTANCE AND LOW CONTACT RESISTANCE AGAINST CARBON ON SEPARATOR FOR FUEL CELL**  
[54] **METHODE POUR DEPOSER UN METAL TRES RESISTANT A LA CORROSION ET PEU RESISTANT AU CONTACT CONTRE DU CARBONE SUR LE SEPARATEUR D'UNE PILE A COMBUSTIBLE**  
[72] HISADA, WATARU, JP  
[72] KIHIRA, HIROSHI, JP  
[71] NIPPON STEEL CORPORATION, JP  
[71] SINTOBRATOR, LTD., JP  
[22] 2000-12-27  
[43] 2001-06-27  
[30] JP (11-369817) 1999-12-27  
[30] JP (2000-196526) 2000-06-29

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[21] **2,329,675**  
[13] A1

[51] **Int.Cl. 7H01M 2/04**  
[25] EN  
[54] **BATTERY COVER STRUCTURE**  
[54] **COUVERCLE DE PILE**  
[72] TERASAWA, DAI, JP  
[71] SEIKO INSTRUMENTS INC., JP  
[22] 2000-12-27  
[43] 2001-06-27  
[30] JP (11-370610) 1999-12-27

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[21] **2,329,676**  
[13] A1

[51] **Int.Cl. 7C12N 1/20 7A61K 39/112**  
[25] EN  
[54] **SALMONELLA VACCINE**  
[54] **VACCIN CONTRE LA SALMONELLE**  
[72] WITVLIET, MAARTEN HENDRIK, NL  
[72] NUIJTEN, PETRUS JOHANNES MARIA, NL  
[71] AKZO NOBEL N.V., NL  
[22] 2000-12-27  
[43] 2001-06-28  
[30] EP (99204564.1) 1999-12-28

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[21] **2,329,677**  
[13] A1

[51] **Int.Cl. 7H01R 12/14 7H01R 12/18**  
[25] EN  
[54] **HIGH SPEED CARD EDGE CONNECTORS**  
[54] **CONNECTEURS DE CARTE A HAUTE VITESSE**  
[72] LETOURNEAU, GUY L., US  
[72] SALAMONE, JOSEPH R., US  
[71] BERG TECHNOLOGY, INC., US  
[22] 2000-12-27  
[43] 2001-06-29  
[30] US (09/474,818) 1999-12-29

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[21] **2,329,680**  
[13] A1

[51] **Int.Cl. 7H02K 5/24**  
[25] EN  
[54] **THREE LAYER WASHER**  
[54] **RONDELLE A TROIS COUCHES**  
[72] COOK, MICHAEL A., US  
[72] CHAHAR, VIJAY, US  
[72] SHELTON, KERRY, US  
[72] CAREY, TIMOTHY W., US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2000-12-28  
[43] 2001-06-30  
[30] US (60/174,002) 1999-12-30

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[21] **2,329,681**  
[13] A1

[51] **Int.Cl. 7H04L 12/56**  
[25] EN  
[54] **GLOBAL DISTRIBUTED SWITCH**  
[54] **COMMUTATEUR A REPARTITION MONDIALE**  
[72] BESHAI, MAGED E., CA  
[71] NORTEL NETWORKS LIMITED, CA  
[22] 2000-12-28  
[43] 2001-06-30  
[30] CA (2,293,920) 1999-12-31

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June 24, 2001 - June 30, 2001

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[21] **2,329,686**  
[13] A1  
[51] **Int.Cl. 7G06F 17/30 7G01D 7/00 7G06F 3/14**  
[25] EN  
[54] **POSITION FINDER, MEASURING APPARATUS WITH POSITION FINDER, AND MEASURING SYSTEM**  
[54] **RADIOGONIOMETRE, APPAREIL DE MESURE AVEC RADIOGONIOMETRE ET SYSTEME DE MESURE**  
[72] USAKI, YOSHIHIKO, JP  
[71] TLV COMPANY, LIMITED, JP  
[22] 2000-12-27  
[43] 2001-06-28  
[30] JP (HEI 11-374438) 1999-12-28

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[21] **2,329,695**  
[13] A1  
[51] **Int.Cl. 7A63C 13/00**  
[25] EN  
[54] **ERGONOMIC SNOWSHOE BINDING AND METHOD OF MAKING THE SAME**  
[54] **FIXATION ERGONOMIQUE DE RAQUETTE A NEIGE ET METHODE DE FABRICATION DE CETTE FIXATION**  
[72] MAHON, TERRENCE K., US  
[72] MATRE, DANIEL A., US  
[71] SHERPA, LLC, US  
[22] 2000-12-28  
[43] 2001-06-30  
[30] US (09/476,683) 1999-12-30

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[21] **2,329,696**  
[13] A1  
[51] **Int.Cl. 7A61F 13/475 7A61F 13/472**  
[25] EN  
[54] **A SANITARY NAPKIN**  
[54] **SERViette SANITAIRE**  
[72] CARVALHO, ANTONIO CARLOS RIBEIRO, BR  
[71] JOHNSON & JOHNSON INDUSTRIA E COMERCIO LTDA., BR  
[22] 2000-12-28  
[43] 2001-06-29  
[30] BR (PI 9903096-9) 1999-12-29

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[21] **2,329,697**  
[13] A1  
[51] **Int.Cl. 7E21B 33/127 7E21B 47/00**  
[25] EN  
[54] **PUMPING SUB FOR WELL LOGGING TOOLS**  
[54] **RACCORD DE POMPAGE POUR OUTILS DE DIAGNOSTIC EN COURS DE FORAGE**  
[72] FRITCHLEY, KEITH ANTHONY, GB  
[72] SPENCER, MICHAEL CHARLES, GB  
[71] REEVES WIRELINE TECHNOLOGIES LTD., GB  
[22] 2000-12-28  
[43] 2001-06-30  
[30] GB (9930866.0) 1999-12-30

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[21] **2,329,698**  
[13] A1  
[51] **Int.Cl. 7A47G 9/02**  
[25] EN  
[54] **HIGH LOFT COMFORTER**  
[54] **DOUILLETTE A REMBOURRAGE EPAIS**  
[72] CHAN, WING YEE W., US  
[72] DELFS, JULIETTE, US  
[71] PACIFIC COAST FEATHER COMPANY, US  
[22] 2000-12-28  
[43] 2001-06-29  
[30] US (09/474,878) 1999-12-29

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[21] **2,329,699**  
[13] A1  
[51] **Int.Cl. 7A47G 9/00 7B68G 13/00**  
[25] EN  
[54] **QUILTED-TOP FEATHERBED**  
[54] **LIT DE PLUMES A PLATEAU MATELASSE**  
[72] DELFS, JULIETTE, US  
[72] CHAN, WING YEE W., US  
[71] PACIFIC COAST FEATHER COMPANY, US  
[22] 2000-12-28  
[43] 2001-06-29  
[30] US (09/474,339) 1999-12-29

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[21] **2,329,701**  
[13] A1  
[51] **Int.Cl. 7A47G 9/00 7B68G 13/00**  
[25] EN  
[54] **QUILTED-TOP FEATHERBED COVER**  
[54] **COUVRE-LIT DE PLUMES AU DESSUS GARNI**  
[72] DELFS, JULIETTE, US  
[72] CHAN, WING YEE W., US  
[71] PACIFIC COAST FEATHER COMPANY, US  
[22] 2000-12-28  
[43] 2001-06-29  
[30] US (09/474,879) 1999-12-29

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[21] **2,329,764**  
[13] A1  
[51] **Int.Cl. 7B65B 35/46**  
[25] FR  
[54] **INSTALLATION POUR LA CONSTRUCTION DE LOTS D'ARTICLES**  
[54] **INSTALLATION FOR THE CONSTRUCTION OF BATCHES OF ARTICLES**  
[72] MOROY, THIERRY, FR  
[72] CARTIER, ALAIN, FR  
[72] FERRY, JOSE, FR  
[72] DE GUGLIELMO, PASCAL, FR  
[71] ARIES PACKAGING, FR  
[22] 2000-12-29  
[43] 2001-06-29  
[30] FR (99 16 658) 1999-12-29  
[30] FR (99 16 660) 1999-12-29  
[30] FR (00 07 945) 2000-06-21

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[21] **2,329,817**  
[13] A1  
[51] **Int.Cl. 7C07C 53/08 7C07C 53/12 7C07C 69/14 7C07C 51/47 7C07C 67/56 7C07C 51/573**  
[25] EN  
[54] **METHOD FOR THE REDUCTION OF IODINE COMPOUNDS FROM A PROCESS STREAM**  
[54] **METHODE POUR REDUIRE LA TENEUR EN COMPOSES IODES D'UN MELANGE PROVENANT D'UN CIRCUIT DE TRAITEMENT**  
[72] SCHIODT, NIELS CHRISTIAN, DK  
[71] HALDOR TOPSOE A/S, DK  
[22] 2000-12-28  
[43] 2001-06-29  
[30] US (60/173,472) 1999-12-29

**Demandes canadiennes mises à la disponibilité du public**  
**24 juin 2001 - 30 juin 2001**

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[21] **2,329,819**  
[13] A1

[51] **Int.Cl. 7B01D 29/56**  
[25] EN  
[54] **DUAL FILTER WITH FLOW MIXER**  
[54] **FILTRE DOUBLE AVEC MELANGEUR DE DEBIT**  
[72] ROLL, MARK A., US  
[72] RHYNE, GREGORY K., US  
[72] STAMEY, WILLIE L., JR., US  
[71] DANA CORPORATION, US  
[22] 2000-12-28  
[43] 2001-06-29  
[30] US (09/474,061) 1999-12-29

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[21] **2,329,822**  
[13] A1

[51] **Int.Cl. 7B65H 59/00 7G05D 15/00**  
[25] EN  
[54] **OPTICAL FIBRE TENSIONING DEVICE AND METHOD OF CONTROLLING THE TENSION APPLIED TO AN OPTICAL FIBRE**  
[54] **DISPOSITIF TENDEUR POUR FIBRE OPTIQUE ET METHODE DE REGLAGE DE LA TENSION APPLIQUEE A UNE FIBRE OPTIQUE**  
[72] ROBA, GIACOMO STEFANO, IT  
[72] PATA, ROBERTO, IT  
[72] VERONELLI, FRANCO, IT  
[71] PIRELLI CAVI E SISTEMI S.P.A., IT  
[22] 2000-12-28  
[43] 2001-06-29  
[30] EP (99 126119.9) 1999-12-29

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[21] **2,329,832**  
[13] A1

[51] **Int.Cl. 7B64D 29/00 7B64C 7/02 7F16S 1/10**  
[25] FR  
[54] **PROCEDE DE REALISATION D'UNE COUCHE ACOUSTIQUEMENT RESISTIVE, COUCHE RESISTIVE OBTENUE ET PAROI UTILISANT UNE TELLE COUCHE**  
[54] **PROCEDURE FOR PRODUCING AN ACOUSTICALLY RESISTIVE LAYER, THE RESULTING RESISTIVE LAYER, AND WALL USING THE LAYER**  
[72] ANDRE, ROBERT, FR  
[72] RAMBAUD, ERIC, FR  
[72] PORTE, ALAIN, FR  
[71] EADS AIRBUS SA, FR  
[22] 2000-12-21  
[43] 2001-06-24  
[30] FR (99 16 449) 1999-12-24

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[21] **2,329,839**  
[13] A1

[51] **Int.Cl. 7A61K 7/13**  
[25] FR  
[54] **COMPOSITION POUR LA TEINTURE D'OXYDATION DES FIBRES KERATINIQUES COMPRENANT UN POLYMERE EPAISSISSANT COMPORTANT AU MOINS UNE CHAINE GRASSE ET UN ALCOOL GRAS MONO- OU POLY-GLYCEROLE**  
[54] **OXIDATION DYEING COMPOSITION FOR KERATIN FIBRES CONTAINING A THICKENING POLYMER COMPRISING AT LEAST ONE FATTY CHAIN AND ONE MONO-OR POLY-GLYCEROL FATTY ALCOHOL**  
[72] COTTARD, FRANCOIS, FR  
[72] RONDEAU, CHRISTINE, FR  
[71] L'OREAL, FR  
[22] 2000-12-21  
[43] 2001-06-30  
[30] FR (99 16 757) 1999-12-30

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[21] **2,329,841**  
[13] A1

[51] **Int.Cl. 7F16C 7/04 7F16C 7/00 7F16C 11/00**  
[25] EN  
[54] **DAMPED MECHANICAL JOINT ASSEMBLY**  
[54] **JOINT MECANIQUE AMORTI**  
[72] McCALLUM, DENNIS L., US  
[71] McCALLUM, DENNIS L., US  
[22] 2000-12-29  
[43] 2001-06-29  
[30] US (09/474,330) 1999-12-29

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[21] **2,329,848**  
[13] A1

[51] **Int.Cl. 7F23D 14/38 7F23D 14/54**  
[25] FR  
[54] **CHALUMEAU OXY-COMBUSTIBLE A ORGANE DE COMMANDE UNIQUE DES VALVES**  
[54] **OXYCOMBUSTIBLE BLOWPIPE WITH GANGED CONTROL OF VALVES**  
[72] PISOT, PHILIPPE, FR  
[72] CANNET, GILLES, FR  
[72] LEMESLE, GERVAIS, FR  
[71] LA SOUDURE AUTOGENE FRANÇAISE, FR  
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED, FR  
[22] 2000-12-21  
[43] 2001-06-27  
[30] FR (99 16529) 1999-12-27

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[21] **2,329,849**  
[13] A1

[51] **Int.Cl. 7H01R 13/652**  
[25] EN  
[54] **POWER CONNECTOR GROUND POLARIZATION INSERT AND CONNECTOR USED THEREWITH**  
[54] **GARNITURE DE POLARISATION DE BROCHE DE TERRE DE CONNECTEUR D'ALIMENTATION ET CONNECTEUR CONNEXE**  
[72] SHAPPELL, DAVID JOHN, US  
[71] THOMAS & BETTS INTERNATIONAL, INC., US  
[22] 2000-12-28  
[43] 2001-06-30  
[30] US (60/173,647) 1999-12-30

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[21] **2,329,851**  
[13] A1

[51] **Int.Cl. 7A47J 43/07**  
[25] EN  
[54] **STIR STICK**  
[54] **OUTIL A MELANGER**  
[72] WARDBERG, FLOYD, CA  
[71] WARDBERG, FLOYD, CA  
[22] 2000-12-28  
[43] 2001-06-30  
[30] US (09/474,774) 1999-12-30

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[21] **2,329,855**  
[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **INTEGRATED LEARNING OBJECTS**  
[54] **OBJETS D'APPRENTISSAGE INTEGRES**  
[72] LOVELAND, JAMES B., US  
[71] LOVELAND, JAMES B., US  
[22] 2000-12-29  
[43] 2001-06-30  
[30] US (60/174,095) 1999-12-31  
[30] US (UNKNOWN) 2000-12-28

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[21] **2,329,856**  
[13] A1

[51] **Int.Cl. 7E01B 25/34 7E01B 25/00**  
[25] FR  
[54] **DISPOSITIF D'AIGUILLAGE POUR VEHICULES A EFFET DE SOL, ET INSTALLATION DE TRANSPORT COMPRENANT UN TEL DISPOSITIF**  
[54] **SWITCHING ARRANGEMENT FOR SURFACE EFFECT VEHICLE AND INSTALLATION OF CARRIER EQUIPPED WITH THE DEVICE**  
[72] MOLLET, ALAIN, FR  
[71] POMA OTIS SYSTEMES DE TRANSPORT, FR  
[22] 2000-12-21  
[43] 2001-06-24  
[30] FR (99/16480) 1999-12-24

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[21] **2,329,860**  
[13] A1

[51] **Int.Cl. 7A47L 9/18**  
[25] EN  
[54] **LIQUID SPRAY ABSORBING LIQUIDE PULVERISE**  
[54] **DISPOSITIF D'ABSORPTION DE LIQUIDE PULVERISE**  
[72] SANCHEZ, ANGELO, US  
[71] SANCHEZ, ANGELO, US  
[22] 2000-12-29  
[43] 2001-06-30  
[30] US (60/173,951) 1999-12-30

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[21] **2,329,862**  
[13] A1

[51] **Int.Cl. 7B61F 5/38**  
[25] FR  
[54] **DISPOSITIF DE GUIDAGE D'UN GALET PORTEUR, ET VEHICULE FERROVIAIRE COMPRENANT UN TEL DISPOSITIF**  
[54] **SUPPORTING ROLLER GUIDING DEVICE AND RAILWAY CAR EQUIPPED WITH THE DEVICE**  
[72] MOLLET, ALAIN, FR  
[71] POMA OTIS SYSTEMES DE TRANSPORT, FR  
[22] 2000-12-21  
[43] 2001-06-24  
[30] FR (99/16481) 1999-12-24

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[21] **2,329,863**  
[13] A1

[51] **Int.Cl. 7A41B 11/10**  
[25] EN  
[54] **NOVEL STOCKING DEVICE**  
[54] **NOUVEAU DISPOSITIF DE STOCKAGE**  
[72] TASBAS, HEDY E., US  
[71] TASBAS, HEDY E., US  
[22] 2000-12-29  
[43] 2001-06-29  
[30] US (09/473610) 1999-12-29

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[21] **2,329,870**  
[13] A1

[51] **Int.Cl. 7E04F 13/00 7B26B 3/00**  
[25] EN  
[54] **INTERIOR WALL AND CEILING COVERING**  
[54] **REVETEMENT DE MURS ET DE PLAFONDS INTERIEURS**  
[72] SNYDER, DARRYL L., US  
[72] SOKOL, JOSEPH M., US  
[71] SNYDER NATIONAL, INC., US  
[22] 2000-12-28  
[43] 2001-06-29  
[30] US (60/173,447) 1999-12-29

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[21] **2,329,880**  
[13] A1

[51] **Int.Cl. 7E04B 1/82**  
[25] EN  
[54] **COMPOSITE SOUND INSULATION SYSTEM FOR ROOM BOUNDARY SURFACES**  
[54] **SYSTEME COMPOSITE D'ISOLATION ACOUSTIQUE POUR DES SURFACES DE MURS DE SEPARATION**  
[72] ELSASSER, MANFRED, AT  
[71] ELSASSER, MANFRED, AT  
[22] 2000-12-28  
[43] 2001-06-29  
[30] EP (99126121.5) 1999-12-29

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[21] **2,329,882**  
[13] A1

[51] **Int.Cl. 7G06F 17/30 7G06F 17/60**  
[25] EN  
[54] **VIRTUAL HOME INFORMATION REPOSITORY AND DIRECTORY**  
[54] **DEPOT ET REPERTOIRE D'INFORMATIONS DOMESTIQUES VIRTUELLES**  
[72] LOVELAND, JAMES B., US  
[71] LOVELAND, JAMES B., US  
[22] 2000-12-29  
[43] 2001-06-30  
[30] US (60/174,113) 1999-12-31  
[30] US (UNKNOWN) 2000-12-28

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[21] **2,329,885**  
[13] A1

[51] **Int.Cl. 7F16M 7/00**  
[25] EN  
[54] **SUPPORT FOOT FOR HEAVY BODIES**  
[54] **BASE POUR OBJETS LOURDS**  
[72] BELLINI, EMANUELE, IT  
[72] ANDREOLI, ANDREA, IT  
[71] REXNORD MARBETT S.P.A., IT  
[22] 2000-12-29  
[43] 2001-06-30  
[30] EP (99830813.4) 1999-12-30

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**24 juin 2001 - 30 juin 2001**

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[21] **2,329,894**  
[13] A1

[51] **Int.Cl. 7H02H 9/00 7H02H 9/04**  
[25] EN  
[54] **ZERO THRESHOLD SURGE SUPPRESSOR**  
[54] **SUPPRESSEUR DE TRANSITOIRES A SEUIL ZERO**  
[72] MOK, TOMMY SZECHIN, CA  
[72] WODRICH, RUDY CHRISTIAN THOMAS, CA  
[71] SQUARE D COMPANY, US  
[22] 2000-12-29  
[43] 2001-06-30  
[30] US (60/173,819) 1999-12-30

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[21] **2,329,903**  
[13] A1

[51] **Int.Cl. 7H04L 12/12**  
[25] EN  
[54] **MULTIMEDIA QUEUING IN A CUSTOMER CONTACT OR CALL CENTER**  
[54] **MISE EN FILE D'ATTENTE MULTIMEDIA DANS UN CENTRE DE CONTACT CLIENT OU D'APPEL**  
[72] CROWTHER, JONATHAN M., US  
[72] MONTEMURRO, MICHAEL P., CA  
[71] NORTEL NETWORKS LIMITED, CA  
[22] 2000-12-28  
[43] 2001-06-29  
[30] US (09/474,422) 1999-12-29

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[21] **2,329,949**  
[13] A1

[51] **Int.Cl. 7F17D 1/08 7F15B 21/00 7F15B 21/04**  
[25] EN  
[54] **HYDRAULIC OIL COOLER AND SUPPLYING VESSEL PRESSURE STABILIZER**  
[54] **REFROIDISSEUR HYDRAULIQUE D'HUILE ET STABILISATEUR DE PRESSION DE CONTENANT DEBITEUR**  
[72] STORY, RICK, ZZ  
[72] BUYASSE, JOHN, ZZ  
[71] STAC INC., US  
[22] 2000-12-29  
[43] 2001-06-30  
[30] US (60/174,138) 1999-12-31

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[21] **2,329,951**  
[13] A1

[51] **Int.Cl. 7A47L 13/142 7A47L 13/20**  
[25] EN  
[54] **SELF-WRINGING FLAT MOP**  
[54] **VADROUILLE PLATE A AUTO-ESSORAGE**  
[72] SPECHT, PAUL B., US  
[71] CARL FREUDENBERG, DE  
[22] 2000-12-28  
[43] 2001-06-29  
[30] US (09/474,597) 1999-12-29

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[21] **2,329,955**  
[13] A1

[51] **Int.Cl. 7E04G 5/00**  
[25] EN  
[54] **TUBULAR FRAME SCAFFOLDING**  
[54] **ECHAFAUDAGE A BATI TUBULAIRE**  
[72] KARANOUEH, RACHED N., US  
[71] WACO INTERNATIONAL CORPORATION, US  
[22] 2000-12-29  
[43] 2001-06-30  
[30] US (09/475,906) 1999-12-30

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[21] **2,329,960**  
[13] A1

[51] **Int.Cl. 7G06F 17/60 7H04L 9/32**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PROVIDING A SECURE SUPPLY CHAIN**  
[54] **METHODE ET APPAREIL POUR OFFRIR UNE CHAINE D'APPROVISIONNEMENT PROTEGEE**  
[72] SHANTON, GREG M., US  
[72] JAEGER, WILLIAM L., JR., US  
[71] AMERICAN MANAGEMENT SYSTEMS, INCORPORATED, US  
[22] 2000-12-29  
[43] 2001-06-29  
[30] US (09/474,401) 1999-12-29

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[21] **2,329,965**  
[13] A1

[51] **Int.Cl. 7H04L 12/56**  
[25] EN  
[54] **QOS AND PERFORMANCE CONTROL TECHNIQUES FOR PACKET BASED NETWORKS CHARACTERIZED BY SELF-SIMILAR TRAFFIC**  
[54] **TECHNIQUES DE CONTROLE DE QUALITE DE SERVICE ET DE PERFORMANCE POUR RESEAUX A COMMUTATION DE PAQUETS CARACTERISES PAR DU TRAFIC AUTO-SIMILAIRE**  
[72] TRAN, HUNG V., US  
[71] NORTEL NETWORKS LIMITED, CA  
[22] 2000-12-29  
[43] 2001-06-30  
[30] US (60/174,135) 1999-12-31  
[30] US (09/506,241) 2000-02-17

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[21] **2,329,966**  
[13] A1

[51] **Int.Cl. 7H04L 12/24 7H04Q 3/42 7H04L 12/56**  
[25] EN  
[54] **ADAPTIVELY MAINTAINING QUALITY OF SERVICE (QOS) IN DISTRIBUTED PBX NETWORKS**  
[54] **MAINTIEN ADAPTATIF DE LA QUALITE DE SERVICE DANS DES RESEAUX A PBX REPARTIS**  
[72] CYR, ANDRE M., CA  
[72] BEDAIR, AYMAN, CA  
[72] DEDIC, ZLATAN, CA  
[71] NORTEL NETWORKS LIMITED, CA  
[22] 2000-12-29  
[43] 2001-06-30  
[30] US (09/475,269) 1999-12-30  
[30] US (09/474,778) 1999-12-30  
[30] US (09/474,779) 1999-12-30

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[21] **2,329,968**  
[13] A1

[51] **Int.Cl. 7A47B 88/00 7A47B 96/00**  
[25] EN  
[54] **CORNER CONNECTOR FOR SHOW CASE CABINET**  
[54] **JOINT D'ANGLE POUR ARMOIRE D'EXPOSITION**  
[72] LATCHINIAN, JIM, US  
[71] MODERN MANUFACTURING, INC., US  
[22] 2000-12-29  
[43] 2001-06-30  
[30] US (09/475,718) 1999-12-30

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June 24, 2001 - June 30, 2001

[21] **2,329,970**  
[13] A1

[51] **Int.Cl. 7B29C 45/10**  
[25] EN  
[54] **GAS ASSIST MOLDING OF ONE-PIECE CATHETERS**  
[54] **MOULAGE PAR INTRODUCTION DE GAZ DE CATHETERS MONOPIECES**  
[72] THOMAS, JOSEPH R., US  
[72] POLLEY, WILLIAM F., US  
[72] KAFRAWY, ADEL, US  
[72] GORAL, DAVID, US  
[71] ETHICON, INC., US  
[22] 2000-12-29  
[43] 2001-06-30  
[30] US (09/476,411) 1999-12-30

[21] **2,329,972**  
[13] A1

[51] **Int.Cl. 7G08B 21/18 7G08B 7/00 7G01N 21/84**  
[25] EN  
[54] **DEVICE FOR DETECTING AND SIGNALLING OR INDICATING STATUS AS REGARDS CONTENTS IN AN CONTAINER, AND IN PARTICULAR A LETTERBOX**  
[54] **DISPOSITIF DE DETECTION ET DE SIGNALISATION OU D'INDICATION D'ETAT QUANT A UN CONTENU, PARTICULIEREMENT DANS UNE BOITE A LETTRES**  
[72] LIE, BJORN, NO  
[71] EURO-TECH AS, NO  
[22] 2000-12-29  
[43] 2001-06-30  
[30] NO (19996567) 1999-12-30

[21] **2,330,020**  
[13] A1

[51] **Int.Cl. 7A61F 2/76 7A61F 2/80**  
[25] EN  
[54] **METHOD AND APPARATUS FOR FORMING A PROSTHETIC SOCKET**  
[54] **METHODE ET APPAREIL POUR FAIRE UNE EMBOITURE PROTHETIQUE**  
[72] SHIRER, LEE A., US  
[71] SHIRER, LEE A., US  
[22] 2000-12-29  
[43] 2001-06-30  
[30] US (09/475,724) 1999-12-30

[21] **2,330,160**  
[13] A1

[51] **Int.Cl. 7C03B 23/023 7C03B 33/08**  
[25] EN  
[54] **PROCESS FOR THE PRODUCTION OF PRESTRESSED OR BENT GLASS ELEMENTS**  
[54] **PROCESSUS DE FABRICATION D'ELEMENTS DE VERRE PRECONTRAIT OU BOMBE**  
[72] SCHMIDT, THOMAS, DE  
[72] HERMANN, CHRISTOPH, DE  
[72] SCHUSTER, MARKUS, DE  
[72] ELSTERMEIER, FRANK, DE  
[72] BIETHMANN, STEFAN, DE  
[71] SCHOTT DESAG AG, DE  
[22] 2001-01-02  
[43] 2001-06-30  
[30] DE (199 63 865.9) 1999-12-30  
[30] EP (00119871.2) 2000-09-13

[21] **2,330,169**  
[13] A1

[51] **Int.Cl. 7G06F 7/38 7G06F 7/52**  
[25] EN  
[54] **WIDE WORD MULTIPLIER USING BOOTH ENCODING**  
[54] **MULTIPLICATEUR DE MOTS LONGUE DISTANCE UTILISANT LE CODAGE BOOTH**  
[72] AMER, MAHER, CA  
[71] CHRYSALISITS INC., CA  
[71] MOSAID TECHNOLOGIES INCORPORATED, CA  
[22] 2001-01-02  
[43] 2001-06-30  
[30] CA (2,294,554) 1999-12-30

[21] **2,330,335**  
[13] A1

[51] **Int.Cl. 7A61K 7/13**  
[25] FR  
[54] **COMPOSITION POUR LA TEINTURE D'OXYDATION DES FIBRES KERATINIQUES COMPRENANT UN ALCOOL GRAS AYANT PLUS DE VINGT ATOMES DE CARBONE ET UN TENSOACTIF NON-IONIQUE OXYALKYLENE DE HLB SUPERIEURE A 5**  
[54] **COMPOSITION FOR THE OXYDATION DYEING OF KERATIN FIBERS CONTAINING ONE HIGH ALCOHOL HAVING MORE THAN TWENTY CARBON ATOMS AND ONE OXYALKYLENE NONIONIC SURFACTANT WITH AN HLB HIGHER THAN 5**  
[72] RONDEAU, CHRISTINE, FR  
[72] COTTARD, FRANCOIS, FR  
[71] L'OREAL, FR  
[22] 2000-12-22  
[43] 2001-06-30  
[30] FR (99 16 760) 1999-12-30

[21] **2,330,338**  
[13] A1

[51] **Int.Cl. 7F16S 1/04 7F16S 1/10 7B32B 3/12 7B64C 1/18**  
[25] FR  
[54] **PROCEDE ET DISPOSITIF D'USINAGE EN SURFACE D'UNE STRUCTURE TELLE QU'UNE STRUCTURE ALVEOLAIRE**  
[54] **PROCEDURE AND DEVICE USED FOR THE SURFACE MACHINING OF A HONEYCOMB-SHAPED STRUCTURE**  
[72] COLIN, BERNARD-ALBERT, FR  
[72] DE MATTIA, DENIS, FR  
[71] EADS AIRBUS SA, FR  
[22] 2000-12-22  
[43] 2001-06-27  
[30] FR (99 16530) 1999-12-27

**Demandes canadiennes mises à la disponibilité du public**  
**24 juin 2001 - 30 juin 2001**

[21] **2,330,342**  
[13] A1

[51] **Int.Cl. 7A61K 7/13**  
[25] FR  
[54] **COMPOSITION POUR LA TEINTURE D'OXYDATION DES FIBRES KERATINIQUES COMPRENANT UN POLYMERE EPAISSISSANT COMPORTANT AU MOINS UNE CHAINE GRASSE ET UN ALCOOL GRAS AYANT PLUS DE VINGT ATOMES DE CARBONE**  
[54] **COMPOSITION FOR THE OXYDATION DYEING OF KERATIN FIBERS CONTAINING ONE THICKENING POLYMER HAVING AT LEAST ONE FATTY CHAIN AND ONE HIGH ALCOHOL WITH MORE THAN TWENTY CARBON ATOMS**  
[72] RONDEAU, CHRISTINE, FR  
[72] COTTARD, FRANCOIS, FR  
[71] L'OREAL, FR  
[22] 2000-12-27  
[43] 2001-06-30  
[30] FR (99 16 762) 1999-12-30

[21] **2,330,344**  
[13] A1

[51] **Int.Cl. 7A61K 7/13**  
[25] FR  
[54] **COMPOSITION POUR LA TEINTURE D'OXYDATION DES FIBRES KERATINIQUES COMPRENANT DEUX POLYAMMONIUM QUATERNAIRES PARTICULIERS**  
[54] **R@COMPOSITION FOR THE OXYDATION DYEING OF KERATIN FIBERS CONTAINING TWO SPECIFIC QUARTERNARY POLYAMMONIUMS**  
[72] BEBOT, CECILE, FR  
[72] RONDEAU, CHRISTINE, FR  
[72] COTTARD, FRANCOIS, FR  
[72] BOUDY, FRANCOISE, FR  
[71] L'OREAL, FR  
[22] 2000-12-27  
[43] 2001-06-30  
[30] FR (99 16 764) 1999-12-30

[21] **2,330,346**  
[13] A1

[51] **Int.Cl. 7G01S 7/40**  
[25] FR  
[54] **METHODE D'ETALONNAGE D'UN RADIOALTIMETRE DE TYPE FM/CW ET RADIOALTIMETRE CONCU POUR LA MISE EN OEUVRE DE CETTE METHODE**  
[54] **METHOD OF CALIBRATING A TYPE FM/CW RADIO ALTIMETER AND RADIO ALTIMETER DESIGNED FOR THE IMPLEMENTATION OF THIS METHOD**  
[72] ORLANDI, FABRICE, FR  
[71] THOMSON-CSF, FR  
[22] 2000-12-27  
[43] 2001-06-30  
[30] FR (99 16768) 1999-12-30

[21] **2,330,351**  
[13] A1

[51] **Int.Cl. 7C07D 401/06 7C07D 471/04 7C07D 491/056 7C07D 417/06 7C07D 209/08 7A61P 3/10 7A61P 9/10 7A61P 9/12 7C07D 405/14 7A61K 31/454 7A61K 31/4545 7A61K 31/4709 7A61K 31/4725 7A61K 31/496 7A61K 31/551**  
[25] FR  
[54] **NOUVELLES UREES LINEAIRES OU CYCLIQUES, LEUR PROCEDE DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT**  
[54] **NEW LINEAR OR CYCLICAL UREAS, THEIR PREPARATION PROCESS AND THE PHARMACEUTICAL COMPOSITIONS WHICH CONTAIN THEM**  
[72] BOURGUIGNON, MARIE-PIERRE, FR  
[72] VILLENEUVE, NICOLE, FR  
[72] THOLLON, CATHERINE, FR  
[72] PEGLION, JEAN-LOUIS, FR  
[72] VILAINE, JEAN-PAUL, FR  
[72] POITEVIN, CHRISTOPHE, FR  
[71] ADIR ET COMPAGNIE, FR  
[22] 2000-12-29  
[43] 2001-06-30  
[30] FR (99.16701) 1999-12-30

[21] **2,330,353**  
[13] A1

[51] **Int.Cl. 7B65B 35/46**  
[25] FR  
[54] **DISPOSITIF POUR LA CONSTITUTION DE LOTS SUCCESSIFS D'ARTICLES COMPRENANT DES MOYENS DE TRANSFERT DES ARTICLES**  
[54] **DEVICE FOR CONSTRUCTING SUCCESSIVE ARTICLE PACKS INCLUDING MEANS OF TRANSFERRING THE ARTICLES**  
[72] CARTIER, ALAIN, FR  
[72] DE GUGLIELMO, PASCAL, FR  
[71] ARIES PACKAGING, FR  
[22] 2000-12-29  
[43] 2001-06-29  
[30] FR (99 16 658) 1999-12-29  
[30] FR (99 16 660) 1999-12-29  
[30] FR (00 07 945) 2000-06-21

[21] **2,330,418**  
[13] A1

[51] **Int.Cl. 7A61K 7/00 7A61K 7/027**  
[25] FR  
[54] **COMPOSITION LONGUE TENUE STRUCTUREE PAR UN POLYMERE ET UN CORPS GRAS PATEUX**  
[54] **POLYMER AND PASTY FATTY SUBSTANCE SHAPED LONG REACH COMPOSITION**  
[72] FERRARI, VERONIQUE, FR  
[72] JACQUES, VERONIQUE, FR  
[71] L'OREAL, FR  
[22] 2000-12-28  
[43] 2001-06-28  
[30] FR (99 16 588) 1999-12-28  
[30] FR (00 01 004) 2000-01-25



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June 24, 2001 - June 30, 2001

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[21] **2,330,441**

[13] A1

[51] **Int.Cl. 7H04L 9/00**

[25] FR

[54] **PROCEDE POUR SECURISER UNE  
COMMUNICATION ENTRE DEUX  
ELEMENTS LOGICIELS, AU TRAVERS  
D'UN CANAL DE COMMUNICATION  
NON SECURISE**

[54] **PROCESS FOR SECURING THE  
COMMUNICATION BETWEEN TWO  
SOFTWARE ELEMENTS THROUGH  
AN UNTRUSTED COMMUNICATION  
CHANNEL**

[72] MARQUET, BERTRAND, FR

[72] FOUQUET, GUY, FR

[72] MARTIN, JEAN-STEPHANE, FR

[71] ALCATEL, FR

[22] 2000-12-28

[43] 2001-06-30

[30] FR (99 16 720) 1999-12-30

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[21] **2,330,454**

[13] A1

[51] **Int.Cl. 7B65B 21/06**

[25] FR

[54] **SYSTEME DE CONVOYAGE  
D'OBJECTS**

[54] **PRODUCT CONVEYOR SYSTEM**

[72] CARTIER, ALAIN, FR

[72] CLERGET, DIDIER, FR

[72] DE GUGLIELMO, PASCAL, FR

[71] ARIES PACKAGING, FR

[22] 2000-12-29

[43] 2001-06-29

[30] FR (99 16 658) 1999-12-29

[30] FR (99 16 660) 1999-12-29

[30] FR (00 07 945) 2000-06-21

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[21] **2,341,997**

[13] A1

[51] **Int.Cl. 7E05F 7/06**

[25] EN

[54] **A SPRING MOUNTING  
ARRANGEMENT FOR A SASH  
WINDOW COUNTERBALANCE  
ARRANGEMENT**

[54] **DISPOSITIF DE RESSORT POUR  
UN SYSTEME D'EQUILIBRAGE D'UN  
CHASSIS A GUILLOTINE**

[72] BRAID, SIMON CHRISTOPHER, GB

[72] BRAID, HAROLD KEITH, GB

[71] OMEGA BALANCE CO. INC., US

[22] 2001-03-26

[43] 2001-06-26

[30] US (09/777,088) 2001-02-05

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[21] **2,339,150**  
[13] A1  
[51] Int.Cl. 7H04Q 7/22 7H04Q 7/36  
7H04L 12/66  
[25] EN  
[54] SYSTEM AND METHOD OF TRANSMITTING DATA MESSAGES BETWEEN SUBSCRIBER UNITS COMMUNICATING WITH/ BETWEEN COMPLEMENTARY/ DISPARATE NETWORKS  
[54] SYSTEME ET METHODE DE TRANSMISSION DE MESSAGES DE DONNEES ENTRE DES UNITES D'ABONNES COMMUNIQUANT AVEC DES RESEAUX COMPLEMENTAIRES ET VARIES, AINSI QUE D'UN RESEAU A L'AUTRE  
[72] MASSIE, RODNEY E., US  
[72] LEBOULANGER, PATRICK J., US  
[72] FRANKLIN, JULIAN M., US  
[72] SPEAKS, CHANTEL M., US  
[71] MOTIENT COMMUNICATIONS INC., US  
[85] 2001-01-31  
[86] 2000-12-29 (PCT/US00/35513)  
[87] 2001-06-30 ()  
[30] US (60/173,742) 1999-12-30

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[21] **2,340,704**  
[13] A1  
[51] Int.Cl. 7C07D 231/14  
[25] EN  
[54] METHOD FOR PREPARING 1-ALKYL-PYRAZOL-5-CARBOXYLIC ACID ESTERS III  
[54] PROCEDE DE PREPARATION D'ESTERS III D'ACIDE 1-ALKYLE-PYRAZOLE-5-CARBOXYLIQUE  
[72] MATZKE, MICHAEL, DE  
[72] MULLER, NIKOLAUS, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2001-02-14  
[86] 1999-08-04 (PCT/EP99/05641)  
[87] 2000-03-02 (WO00/10978)  
[30] DE (198 37 067.9) 1998-08-17

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[21] **2,341,287**  
[13] A1  
[51] Int.Cl. 7G03C 5/38  
[25] EN  
[54] ONE-PART BLEACH-FIX LIQUID CONCENTRATES  
[54] CONCENTRES LIQUIDES MONOCOMPOSANTE DE BLANCHIMENT-FIXAGE  
[72] PAPAI, LASZLO, US  
[71] TREBLA CHEMICAL COMPANY, US  
[85] 2001-03-07  
[86] 2000-01-18 (PCT/US00/01166)  
[87] 2001-06-24 ()  
[30] US (09/477,565) 2000-01-06

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[21] **2,344,376**  
[13] A1  
[51] Int.Cl. 7C07D 211/60 7C07D 473/00 7A61P 25/00 7C07D 401/06 7C07D 279/12 7C07D 401/12 7C07D 403/12 7C07D 405/12 7C07D 409/12 7C07D 413/12 7C07D 417/12 7A61P 17/14 7C07D 207/16 7C07D 265/30 7A61K 31/40 7A61K 31/4439 7A61K 31/445 7A61K 31/4709 7C07D 207/48 7A61K 31/495 7A61K 31/5375 7A61K 31/54 7C07D 211/96

[25] EN  
[54] BRIDGED HETEROCYCLIC DERIVATIVES  
[54] DERIVES HETEROCYCLIQUES PONTES  
[72] LIMBURG, DAVID, US  
[72] LI, JIA-HE, US  
[72] HAMILTON, GREGORY S., US  
[72] STEINER, JOSEPH P., US  
[71] GUILFORD PHARMACEUTICALS INC., US  
[71] AMGEN, INC., US  
[85] 2001-03-16  
[86] 1998-12-03 (PCT/US98/25577)  
[87] 2000-03-30 (WO00/16603)  
[30] US (60/101,077) 1998-09-18  
[30] US (09/159,105) 1998-09-23

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[21] **2,344,990**  
[13] A1  
[51] Int.Cl. 7C12N 9/00 7C12N 9/02 7C12N 9/04 7C12N 9/10  
[25] EN  
[54] MATERIALS AND METHODS FOR THE MODIFICATION OF PLANT LIGNIN CONTENT  
[54] MATERIAUX ET PROCEDES DE MODIFICATION DE LA TENEUR DES PLANTES EN LIGNINE  
[72] BLOKSBERG, LEONARD NATHAN, NZ  
[72] HAVUKKALA, ILKKA JAAKKO, NZ  
[71] GENESIS RESEARCH AND DEVELOPMENT CORPORATION LIMITED, GB  
[71] FLETCHER CHALLENGE FORESTS LIMITED, NZ  
[85] 2001-04-05  
[86] 1999-10-06 (PCT/NZ99/00168)  
[87] 2000-04-20 (WO00/22099)  
[30] US (09/169,789) 1998-10-09  
[30] US (60/143,811) 1999-07-14

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[21] **2,344,993**  
[13] A1  
[51] Int.Cl. 6C12N 15/62 6C07K 14/025 6C07K 16/08 6C07K 16/18 6A61K 39/295 6G01N 33/50 6C12Q 1/68  
[25] EN  
[54] METHOD FOR THE PRODUCTION OF (POLY)PEPTIDES BY USING TRUNCATED VARIANTS OF THE SV40 LARGE T ANTIGEN WITH AN INTACT N TERMINUS  
[54] PROCEDE DE PRODUCTION DE (POLY)PEPTIDES A L'AIDE DE VARIANTES TRONQUEES DE L'ANTIGENE T DE GRANDE TAILLE AVEC UNE TERMINAISON T INTACTE  
[72] SCHIRMBECK, REINHOLD, DE  
[72] REIMANN, HANSJORG, DE  
[71] SCHIRMBECK, REINHOLD, DE  
[71] REIMANN, HANSJORG, DE  
[85] 2001-04-02  
[86] 1998-10-02 (PCT/EP98/06298)  
[87] 2000-04-13 (WO00/20606)

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[21] **2,344,995**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 35/12 7A61K 38/17 7C07K 16/18 7C07K 14/47 7G01N 33/574 7C12Q 1/68 7A61K 31/70**  
[25] EN  
[54] **CANCER ASSOCIATED ANTIGENS AND USES THEREFOR**  
[54] **ANTIGENES ASSOCIES AU CANCER ET LEURS UTILISATIONS**  
[72] PFREUNDSCHUH, MICHAEL, DE  
[72] GOUT, IVAN, GB  
[72] SCANLAN, MATTHEW J., US  
[72] TURECI, OZLEM, DE  
[72] OBATA, YUICHI, JP  
[72] SAHIN, UGAR, DE  
[72] OLD, LLOYD J., US  
[72] JAGER, ELKE, DE  
[72] STOCKERT, ELISABETH, US  
[72] CHEN, YAO-TSENG, US  
[72] KNUTH, ALEX, DE  
[71] LUDWIG INSTITUTE FOR CANCER RESEARCH, US  
[85] 2001-04-04  
[86] 1999-10-04 (PCT/US99/22873)  
[87] 2000-04-13 (WO00/20587)  
[30] US (09/166,300) 1998-10-05  
[30] US (09/166,350) 1998-10-05

[21] **2,344,998**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C07K 14/47**  
[25] EN  
[54] **NUCLEIC ACIDS ENCODING HUMAN CIDE-B PROTEIN AND POLYMORPHIC MARKERS THEREOF**  
[54] **ACIDES NUCLEIQUES CODANT POUR UNE PROTEINE HUMAINE CIDE-B ET MARQUEURS POLYMORPHES ASSOCIES**  
[72] BOUGUELERET, LYDIE, FR  
[71] GENSET, FR  
[85] 2001-03-03  
[86] 1999-10-08 (PCT/IB99/01702)  
[87] 2000-04-20 (WO00/21984)  
[30] US (60/103,729) 1998-10-09

[21] **2,345,000**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6C07K 16/00 6C07K 16/18 6C07K 16/30 6G01N 33/53**  
[25] EN  
[54] **A NOVEL METHOD OF DIAGNOSING, MONITORING, STAGING, IMAGING AND TREATING GASTROINTESTINAL CANCERS**  
[54] **NOUVEAU PROCEDURE POUR DIAGNOSTIQUER, SURVEILLER, ETABLIR LA STADIFICATION, OBTENIR DES IMAGES ET TRAITER DES CANCERS GASTRO-INTESTINAUX**  
[72] MACINA, ROBERTO A., US  
[71] DIADEXUS, INC., US  
[85] 2001-03-30  
[86] 1999-09-30 (PCT/US99/22725)  
[87] 2000-04-13 (WO00/20640)  
[30] US (60/102,879) 1998-10-02

[21] **2,345,023**  
[13] A1

[51] **Int.Cl. 7C12N 15/31 7A61K 39/085 7A61K 39/09 7C07K 14/31 7C07K 14/315 7G01N 33/569**  
[25] EN  
[54] **PEPTIDES USEFUL FOR REDUCING SYMPTOMS OF TOXIC SHOCK SYNDROME AND SEPTIC SHOCK**  
[54] **PEPTIDES PERMETTANT D'ATTENUER LES SYMPTOMES DU SYNDROME DE CHOC TOXIQUE STAPHYLOCOCCIQUE ET DU CHOC SEPTIQUE**  
[72] VISVANATHAN, KUMAR, US  
[72] BANNAN, JASON D., US  
[72] ZABRISKIE, JOHN B., US  
[71] THE ROCKEFELLER UNIVERSITY, US  
[85] 2001-04-06  
[86] 1999-09-24 (PCT/US99/22180)  
[87] 2000-04-13 (WO00/20598)  
[30] US (09/168,303) 1998-10-07  
[30] US (09/335,581) 1999-06-18

[21] **2,345,024**  
[13] A1

[51] **Int.Cl. 7C12N 15/62 7C07K 14/495**  
[25] EN  
[54] **MODIFIED TGF-.BETA. SUPERFAMILY PROTEINS**  
[54] **PROTEINES MODIFIEES DE LA SUPERFAMILLE DU TGF--**  
[72] OPPERMAN, HERMANN, US  
[72] TAI, MEI-SHENG, US  
[72] MCCARTNEY, JOHN, US  
[71] STRYKER CORPORATION, US  
[85] 2001-04-03  
[86] 1999-10-07 (PCT/US99/23372)  
[87] 2000-04-13 (WO00/20449)  
[30] US (60/103,418) 1998-10-07  
[30] US (09/375,333) 1999-08-16

[21] **2,345,027**  
[13] A1

[51] **Int.Cl. 7A61K 47/48**  
[25] EN  
[54] **SITE-DIRECTED DUAL PEGYLATION OF PROTEINS**  
[54] **DOUBLE POLYETHYLENEGLYCOLATION DE PROTEINES DIRIGEE SUR SITE POUR AUGMENTER LA BIOACTIVITE ET LA BIOCOMPATIBILITE**  
[72] KINSTLER, OLAF, US  
[72] GEGG, COLIN, US  
[71] AMGEN INC., US  
[85] 2001-04-05  
[86] 1999-10-13 (PCT/US99/24401)  
[87] 2000-04-20 (WO00/21574)  
[30] US (09/172,644) 1998-10-14

[21] **2,345,028**  
[13] A1

[51] **Int.Cl. 7C12N 15/82**  
[25] EN  
[54] **REGULATION OF EMBRYONIC TRANSCRIPTION IN PLANTS**  
[54] **REGULATION DE LA TRANSCRIPTION EMBRYONNAIRE DANS DES PLANTES**  
[72] CLEMENS, SABINE, CA  
[72] KUNST, LJERKA, CA  
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA  
[85] 2001-03-30  
[86] 2000-08-04 (PCT/CA00/00907)  
[87] 2001-02-15 (WO01/11061)  
[30] US (60/147,133) 1999-08-04

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[21] **2,345,045**  
[13] A1  
[51] **Int.Cl. 7C12N 15/12 7C12N 5/10 7A61K 38/17 7C12N 1/21 7C07K 16/28 7C12Q 1/68 7C07K 14/705 7C07K 14/72**  
[25] EN  
[54] **G-PROTEIN COUPLED RECEPTOR PROTEINS**  
[54] **PROTEINES DE RECEPTEURS COUPLES A DES PROTEINES G**  
[72] BAUGHN, MARIAH R., US  
[72] GUEGLER, KARL J., US  
[72] AU-YOUNG, JANICE, US  
[72] GORGONE, GINA A., US  
[72] AZIMZAI, YALDA, US  
[72] CORLEY, NEIL C., US  
[72] LAL, PREETI, US  
[72] TANG, Y. TOM, US  
[72] BANDMAN, OLGA, US  
[72] REDDY, ROOPA, US  
[72] YUE, HENRY, US  
[71] INCYTE PHARMACEUTICALS, INC., US  
[85] 2001-04-05  
[86] 1999-10-06 (PCT/US99/23317)  
[87] 2000-04-13 (WO00/20590)  
[30] US (60/172,211) 1998-10-06  
[30] US (60/133,585) 1999-05-11  
[30] US (09/167,219) 1998-10-06

[21] **2,345,047**  
[13] A1  
[51] **Int.Cl. 6H01Q 19/19 6H01Q 3/18**  
[25] EN  
[54] **MULTIBEAM SATELLITE COMMUNICATION ANTENNA**  
[54] **ANTENNE DE COMMUNICATION PAR SATELLITE A FAISCEAUX MULTIPLES**  
[72] RHOADES, LUTHER E., US  
[72] MONK, ANTHONY D., US  
[72] SANGIOLO, JOHN, US  
[72] CARDIASMENOS, APOSTLE G., US  
[71] L-3 COMMUNICATIONS CORPORATION, US  
[85] 2000-11-20  
[86] 1999-05-20 (PCT/US99/11237)  
[87] 1999-11-25 (WO99/60656)  
[30] US (60/086,168) 1998-05-20

[21] **2,345,109**  
[13] A1  
[51] **Int.Cl. 7C12N 15/62 7C12N 15/12 7C07K 14/715**  
[25] EN  
[54] **RECEPTOR BASED ANTAGONISTS AND METHODS OF MAKING AND USING**  
[54] **ANTAGONISTES A BASE DE RECEPTEURS, MODES D'ELABORATION ET D'UTILISATION**  
[72] STAHL, NEIL, US  
[72] YANCOPOULOS, GEORGE D., US  
[71] REGENERON PHARMACEUTICALS, INC., US  
[85] 2001-03-22  
[86] 1999-09-22 (PCT/US99/22045)  
[87] 2000-04-06 (WO00/18932)  
[30] US (60/101,858) 1998-09-25  
[30] US (09/313,942) 1999-05-19

[21] **2,345,209**  
[13] A1  
[51] **Int.Cl. 6C12Q 1/68 6C12N 15/00 6C07H 21/04 6C12N 15/85**  
[25] EN  
[54] **ANTISENSE MODULATION OF INTEGRIN .ALPHA.4 EXPRESSION**  
[54] **MODULATION ANTISENS DE L'EXPRESSION DE L'INTEGRINE ALPHA 4**  
[72] BENNETT, C. FRANK, US  
[72] CONDON, THOMAS P., US  
[72] COWSERT, LEX M., US  
[71] ISIS PHARMACEUTICALS, INC., US  
[85] 2001-04-03  
[86] 1999-08-19 (PCT/US99/18796)  
[87] 2000-04-13 (WO00/20635)  
[30] US (09/166,203) 1998-10-05

[21] **2,345,210**  
[13] A1  
[51] **Int.Cl. 7C07D 261/04 7A61P 7/02 7C07D 471/04 7C07D 491/04 7C07D 413/06 7C07D 261/08 7C07D 413/10 7C07D 417/10 7C07D 491/10 7C07D 413/12 7C07D 413/14 7C07D 417/14 7A61K 31/42 7A61K 31/454**  
[25] EN  
[54] **NOVEL ISOXAZOLINE FIBRINOGEN RECEPTOR ANTAGONISTS**  
[54] **NOUVEAUX ANTAGONISTES DU RECEPTEUR DE FIBRINOGENE A BASE D'ISOXAZOLINE**  
[72] SMALLHEER, JOANNE M., US  
[72] WANG, SHUAIGE, US  
[72] JUDHAV, PRABHAKAR KONDAJI, US  
[71] DUPONT PHARMACEUTICALS COMPANY, US  
[85] 2001-04-02  
[86] 1999-11-18 (PCT/US99/27356)  
[87] 2000-05-25 (WO00/29406)  
[30] US (60/108,835) 1998-11-18

[21] **2,345,212**  
[13] A1  
[51] **Int.Cl. 7A61K 31/506 7A61P 31/04 7C07D 417/06 7A61P 31/10 7C07D 417/12 7C07D 473/16 7C07D 473/18 7C07D 239/48 7A61K 31/52 7A61K 31/522 7C07D 239/545**  
[25] EN  
[54] **ZINC FINGER-REACTIVE ANTIMICROBIAL COMPOUNDS**  
[54] **COMPOSES ANTIMICROBIENS REAGISSANT AUX DOIGTS DE ZINC**  
[72] WRIGHT, GEORGE E., US  
[72] BROWN, NEAL C., US  
[72] BARNES, MARJORIE H., US  
[71] UNIVERSITY OF MASSACHUSETTS, US  
[85] 2001-04-06  
[86] 1999-10-07 (PCT/US99/23472)  
[87] 2000-04-13 (WO00/20556)  
[30] US (09/168,180) 1998-10-07

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[21] **2,345,213**  
[13] A1  
[51] **Int.Cl. 7A61K 45/06**  
[25] EN  
[54] **AGENT THAT RETARDS TRANSFORMATION OF HORMONE-DEPENDENT CANCER TO NON-HORMONE-DEPENDENT CANCER**  
[54] **AGENTS DESTINES A RETARDER LE PASSAGE D'UN CANCER HORMONO-DEPENDANT A UN CANCER HORMONO-INDEPENDANT**  
[72] NAITO, KENICHIRO, JP  
[72] MATSUTANI, ETSUYA, JP  
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP  
[85] 2001-04-04  
[86] 1999-10-07 (PCT/JP99/05533)  
[87] 2000-04-13 (WO00/20034)  
[30] JP (10/286793) 1998-10-08

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[21] **2,345,214**  
[13] A1  
[51] **Int.Cl. 7C12N 15/10 7A61K 48/00 7C07K 7/06 7A61K 38/08 7C07K 7/08 7A61K 38/10 7C12N 15/86 7C12N 15/87**  
[25] EN  
[54] **TISSUE BINDING PEPTIDES, IDENTIFICATION, PRODUCTION AND UTILIZATION THEREOF**  
[54] **PEPTIDES DE LIAISON TISSULAIRE, LEUR IDENTIFICATION, LEUR PRODUCTION ET LEUR UTILISATION**  
[72] SCHRADER, JURGEN, DE  
[72] HERRMANN, ANDREAS, DE  
[71] SCHRADER, JURGEN, DE  
[85] 2001-04-02  
[86] 1999-10-01 (PCT/EP99/07296)  
[87] 2000-04-13 (WO00/20572)  
[30] DE (198 45 434.1) 1998-10-02

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[21] **2,345,215**  
[13] A1  
[51] **Int.Cl. 7C12N 15/10 7C12N 7/00 7C12N 15/12 7C07K 14/435 7C12N 15/62 7C12Q 1/68**  
[25] EN  
[54] **FUSIONS OF SCAFFOLD PROTEINS WITH RANDOM PEPTIDE LIBRARIES**  
[54] **FUSION DE PROTEINES D'ECHAFAUDAGE AVEC DES BANQUES DE PEPTIDES ALEATOIRES**  
[72] ANDERSON, DAVID, US  
[72] PEELE, BEAU ROBERT, US  
[72] BOGENBERGER, JAKOB MARIA, US  
[71] RIGEL PHARMACEUTICALS, INC., US  
[85] 2001-04-05  
[86] 1999-10-08 (PCT/US99/23715)  
[87] 2000-04-13 (WO00/20574)  
[30] US (09/169,015) 1998-10-08

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[21] **2,345,276**  
[13] A1  
[51] **Int.Cl. 7A61K 39/395 7A61K 51/10 7A61K 38/17 7A61K 38/18 7A61K 47/48 7G01N 33/574 7G01N 33/68**  
[25] EN  
[54] **FLT4 (VEGFR-3) AS A TARGET FOR TUMOR IMAGING AND ANTI-TUMOR THERAPY**  
[54] **FLT4 (VEGFR-3) SERVANT DE CIBLE DANS L'IMAGERIE DE TUMEURS ET LA THERAPIE ANTITUMORALE**  
[72] ALITALO, KARI, FI  
[72] KAIPAINEN, ARJA, FI  
[72] VALLTOLA, REIJA, FI  
[72] JUSSILA, LOTTA, FI  
[71] LUDWIG INSTITUTE FOR CANCER RESEARCH, US  
[71] HELSINKI UNIVERSITY LICENSING LTD. OY, FI  
[85] 2001-04-06  
[86] 1999-10-08 (PCT/US99/23525)  
[87] 2000-04-20 (WO00/21560)  
[30] US (09/169,079) 1998-10-09

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[21] **2,345,277**  
[13] A1  
[51] **Int.Cl. 7A61K 9/127 7A61K 47/48 7G01N 33/569 7C07K 14/705**  
[25] EN  
[54] **ARTIFICIAL ANTIGEN-SPECIFIC CELLS AND RELATED METHODS**  
[54] **PROCEDE D'ISOLEMENT, DE QUANTIFICATION, DE CARACTERISATION ET DE MODULATION DE CELLULES SPECIFIQUES D'ANTIGENES**  
[72] ALBANI, SALVATORE, US  
[71] ALBANI, SALVATORE, US  
[85] 2001-04-03  
[86] 1999-10-19 (PCT/US99/24666)  
[87] 2000-04-27 (WO00/23053)  
[30] US (60/105,018) 1998-10-20

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[21] **2,345,326**  
[13] A1  
[51] **Int.Cl. 7B01J 13/02**  
[25] FR  
[54] **UTILISATION DES NANOFIBRILLES DE CELLULOSE ESSENTIELLEMENT AMORPHE COMME AGENT EMULSIFIANT ET/OU STABILISANT**  
[54] **USE OF ESSENTIALLY AMORPHOUS CELLULOSE NANOFIBRILS AS EMULSIFYING AND/OR STABILISING AGENT**  
[72] CANTIANI, ROBERT, FR  
[72] VASLIN, SOPHIE, FR  
[72] FAYOS, JOSE, FR  
[71] RHODIA CHIMIE, FR  
[85] 2001-03-21  
[86] 1999-09-10 (PCT/FR99/02159)  
[87] 2000-03-30 (WO00/16889)  
[30] FR (98/11902) 1998-09-22

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[21] **2,345,351**  
[13] A1  
[51] **Int.Cl. 7C12N 15/29 7C12P 21/02 7C12Q 1/68 7C12N 15/82**  
[25] EN  
[54] **DISEASE RESISTANCE FACTORS**  
[54] **FACTEURS DE RESISTANCE A LA MALADIE**  
[72] LIU, ZHAN-BIN, US  
[72] ODELL, JOAN T., US  
[72] MIAO, GUO-HUA, US  
[72] FAMODU, OMOLAYO O., US  
[72] FANG, YIWEN, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2001-04-04  
[86] 1999-11-04 (PCT/US99/25953)  
[87] 2000-05-18 (WO00/28036)  
[30] US (60/107,242) 1998-11-05

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[21] **2,345,352**  
[13] A1

[51] **Int.Cl. 6C12N 15/64**  
[25] EN  
[54] **IMPROVED METHOD FOR MORE EFFICIENT ELECTROPORATION**  
[54] **PROCEDE AMELIORE POUR UNE ELECTROPORATION PLUS EFFICACE**  
[72] GREENER, ALAN L., US  
[72] JERPSETH, BRUCE D., US  
[71] STRATAGENE, US  
[85] 2001-04-04  
[86] 1999-10-06 (PCT/US99/23216)  
[87] 2000-04-20 (WO00/22147)  
[30] US (60/103,612) 1998-10-09  
[30] US (09/253,703) 1999-02-22

[21] **2,345,354**  
[13] A1

[51] **Int.Cl. 6C07H 21/04 6A61K 48/00 6C07H 21/02 6C12N 15/85 6C12N 15/86**  
[25] EN  
[54] **ANTISENSE MODULATION OF BCL-X EXPRESSION**  
[54] **MODULATION ANTISENS DE L'EXPRESSION DU GENE BCL-X**  
[72] NICKOLOFF, BRIAN, J., US  
[72] MONIA, BRETT, P., US  
[72] DEAN, NICHOLAS, M., US  
[72] BENNETT, C., FRANK, US  
[72] ZHANG, QINGQING, US  
[71] ISIS PHARMACEUTICALS, INC., US  
[85] 2001-04-03  
[86] 1999-09-28 (PCT/US99/22448)  
[87] 2000-04-13 (WO00/20432)  
[30] US (09/167,921) 1998-10-07  
[30] US (09/277,020) 1999-03-26  
[30] US (09/323,743) 1999-06-02

[21] **2,345,356**  
[13] A1

[51] **Int.Cl. 7C12N 15/80 7C12N 1/15 7C12N 9/16 7C12N 9/24 7C12N 9/38 7C12N 9/42 7C12N 15/55 7C12N 15/56 7C12N 15/57 7C12N 9/58**  
[25] EN  
[54] **TRANSFORMATION SYSTEM IN THE FIELD OF FILAMENTOUS FUNGAL HOSTS: IN CHRYSOSPORIUM**  
[54] **SYSTEME DE TRANSFORMATION DANS LE DOMAINE DES HOTES FONGIQUES FILAMENTEUX**  
[72] BURLINGAME, RICHARD PAUL, US  
[72] PYNNONEN, CHRISTINE MARIE, US  
[72] SINITSYN, ARKADY PANTELEIMONOVICH, RU  
[72] PARRICHE, MARTINE, FR  
[72] VAN ZEIJL, CORNELIA MARIA JOHANNA, NL  
[72] PUNT, PETER JAN, NL  
[72] BOUSSON, JEAN CHRISTOPHE, FR  
[72] OLSON, PHILIP TERRY, US  
[72] EMALFARB, MARK AARON, US  
[71] EMALFARB, MARK AARON, US  
[85] 2001-04-05  
[86] 1999-10-06 (PCT/NL99/00618)  
[87] 2000-04-13 (WO00/20555)  
[30] EP (PCT/EP98/06496) 1998-10-06

[21] **2,345,371**  
[13] A1

[51] **Int.Cl. 7H04B 10/02 7H04L 7/02**  
[25] FR  
[54] **DIFFERENCIATEUR OPTIQUE**  
[54] **OPTICAL DIFFERENTIATION DEVICE**  
[72] SARTORIUS, BERND, DE  
[72] JANZ, CHRISTOPHER, CA  
[72] TEKIN, TOLGA, DE  
[72] DEVAUX, FABRICE, FR  
[72] SCHLAK, MICHAEL, DE  
[72] SHEN, ALEXANDRE, FR  
[72] PROVOST, JEAN-GUY, FR  
[71] ALCATEL, FR  
[85] 2001-04-02  
[86] 2000-08-02 (PCT/FR00/02219)  
[87] 2001-02-08 (WO01/10045)  
[30] FR (99/10073) 1999-08-03

[21] **2,345,375**  
[13] A1

[51] **Int.Cl. 7C07K 14/47 7A61K 38/17 7G01N 33/58 7G01N 33/86**  
[25] FR  
[54] **STRUCTURE CHIMIQUE AYANT UNE AFFINITE POUR UN PHOSPHOLIPIDE, ET COMPOSE DE MARQUAGE, TROUSSE DE DIAGNOSTIC, ET MEDICAMENT COMPRENANT CETTE STRUCTURE**  
[54] **CHEMICAL STRUCTURE WITH AFFINITY FOR A PHOSPHOLIPID, AND MARKER COMPOUND, DIAGNOSIS KIT, AND MEDICINE COMPRISING SAID STRUCTURE**  
[72] NEUMANN, JEAN-MICHEL, FR  
[72] GUEROIS, RAPHAEL, FR  
[72] CORDIER-OCHSENBEIN, FRANCOISE, FR  
[72] RUSSO-MARIE, FRANCOISE, FR  
[72] SANSON, ALAIN, FR  
[71] UNIVERSITE PIERRE ET MARIE CURIE (PARIS VI), FR  
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE, FR  
[85] 2001-04-02  
[86] 1999-09-30 (PCT/FR99/02329)  
[87] 2000-04-13 (WO00/20453)  
[30] FR (98/12366) 1998-10-02

[21] **2,345,377**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 38/17 7C07K 16/18 7A61K 39/395 7C07K 14/47 7G01N 33/68 7C12Q 1/68 7A61K 35/70**  
[25] EN  
[54] **POLYNUCLEOTIDES CODING FOR SECRETED POLYPEPTIDES, SOME HAVING SIMILARITY TO SYNCOLLIN OR CLAUDIN OR CYTOKINE, THEIR THERAPEUTIC USES**  
[54] **NOUVELLES PROTEINES SECRETEES, ET POLYNUCLEOTIDES LES CODANT**  
[72] SHIMKETS, RICHARD A., US  
[71] CURAGEN CORPORATION, US  
[85] 2001-04-05  
[86] 1999-10-06 (PCT/US99/23294)  
[87] 2000-04-13 (WO00/20447)  
[30] US (60/103,195) 1998-10-06  
[30] US (09/412,231) 1999-10-05

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[21] **2,345,379**  
[13] A1  
[51] **Int.Cl. 6C12N 15/12 6A61K 38/18 6C12N 15/28**  
[25] EN  
[54] **A METHOD OF MODULATING CELL SURVIVAL AND REAGENTS USEFUL FOR SAME**  
[54] **PROCEDE DE MODULATION DE LA SURVIE CELLULAIRE ET REACTIFS UTILES POUR CE FAIRE**  
[72] BARTLETT, PERRY FRANCIS, AU  
[72] COULSON, ELIZABETH JANE, AU  
[72] BACA, MANUEL, AU  
[72] KILPATRICK, TREVOR, AU  
[72] FIELDEW, KATRINA, AU  
[72] SURINDAR, CHEEMA, AU  
[71] THE WALTER AND ELIZA HALL INSTITUTE OF MEDICAL RESEARCH, AU  
[85] 2001-04-05  
[86] 1999-10-05 (PCT/AU99/00860)  
[87] 2000-04-13 (WO00/20578)  
[30] AU (PP 6353) 1998-10-06  
[30] AU (PP 6351) 1998-10-07  
[30] AU (PQ 0701) 1999-06-01

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[21] **2,345,403**  
[13] A1  
[51] **Int.Cl. 6G01N 33/10 6C07K 14/40 6G01N 33/573 6G01N 33/577**  
[25] EN  
[54] **DETECTION OF PREHARVEST SPROUTING IN CEREAL GRAINS**  
[54] **DETECTION DE LA GERMINATION PREMATUREE DE GRAINS CEREALIER**  
[72] SKERRITT, JOHN HOWARD, AU  
[71] QUALITY WHEAT CRC LIMITED, AU  
[85] 2001-04-12  
[86] 1999-11-11 (PCT/AU99/00995)  
[87] 2000-05-18 (WO00/28319)  
[30] AU (PP 7058) 1998-11-11

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[21] **2,345,441**  
[13] A1  
[51] **Int.Cl. 7C12Q 1/68 7C12P 19/34**  
[25] EN  
[54] **COMPLEXITY MANAGEMENT AND ANALYSIS OF GENOMIC DNA**  
[54] **GESTION DE LA COMPLEXITE ET ANALYSE D'ADN GENOMIQUE**  
[72] DONG, SHOULIAN, US  
[72] LOCKHART, DAVID J., US  
[72] LIPSHUTZ, ROBERT J., US  
[71] AFFYMETRIX, INC., US  
[85] 2001-04-04  
[86] 1999-10-27 (PCT/US99/25200)  
[87] 2000-05-04 (WO00/24939)  
[30] US (60/105,867) 1998-10-27  
[30] US (60/136,125) 1999-05-26

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[21] **2,345,477**  
[13] A1  
[51] **Int.Cl. 7C12N 15/12 7A61K 39/00 7A61K 48/00 7A61K 38/17 7G01N 33/50 7G01N 33/566 7C07K 14/705**  
[25] EN  
[54] **PEPTIDES RELATED TO AN IGF-II-R EPI TOPE, POLYNUCLEOTIDES ENCODING THE PEPTIDES, AND THEIR USE IN IMMUNOMODULATION**  
[54] **PEPTIDES APPARENTES A UN EPI TOPE IGF-II-R, POLYNUCLEOTIDES CODANT CES PEPTIDES, ET UTILISATION DE CEUX-CI DANS L'IMMUNOMODULATION**  
[72] NICOLETTE, CHARLES A., US  
[71] GENZYME CORPORATION, US  
[85] 2001-04-04  
[86] 1999-10-04 (PCT/US99/23167)  
[87] 2000-04-13 (WO00/20457)  
[30] US (60/103,229) 1998-10-05  
[30] US (60/114,811) 1999-01-05  
[30] US (60/120,001) 1999-02-11  
[30] US (60/120,002) 1999-02-11

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[21] **2,345,649**  
[13] A1  
[51] **Int.Cl. 7A61M 5/32 7A61M 5/28**  
[25] FR  
[54] **DISPOSITIF D'INJECTION A USAGE UNIQUE DESTINE A ETRE PRE-REPLI**  
[54] **DISPOSABLE INJECTION DEVICE DESIGNED TO BE PRE-FILLED**  
[72] BRUNEL, MARC, FR  
[71] SANOFI-SYNTHELABO, FR  
[85] 2001-03-28  
[86] 1999-09-30 (PCT/FR99/02325)  
[87] 2000-04-13 (WO00/20059)  
[30] FR (98/12308) 1998-10-01

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[21] **2,345,815**  
[13] A1  
[51] **Int.Cl. 7A61K 9/10**  
[25] EN  
[54] **ENCAPSULATION OF SENSITIVE LIQUID COMPONENTS INTO A MATRIX TO OBTAIN DISCRETE SHELF-STABLE PARTICLES**  
[54] **PARTICULES DISCRETES DE LONGUE CONSERVATION OBTENUES PAR ENCAPSULATION DE COMPOSANTS LIQUIDES SENSIBLES DANS UNE MATRICE**  
[72] VAN LENGERICHE, BERNHARD H., US  
[71] GENERAL MILLS, INC., US  
[85] 2001-03-04  
[86] 1999-10-06 (PCT/US99/20905)  
[87] 2000-04-20 (WO00/21504)  
[30] US (60/103,700) 1998-10-09  
[30] US (60/109,696) 1998-11-24  
[30] US (09/233,443) 1999-01-20

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[21] **2,345,818**  
[13] A1  
[51] **Int.Cl. 7A61K 31/66 7A61K 9/20 7A61K 9/48**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF ORAL PHARMACEUTICAL COMPOSITIONS COMPRISING BIPHOSPHONATES**  
[54] **PROCEDE DE PREPARATION DE COMPOSITIONS PHARMACEUTIQUES ORALES COMPRENANT DES BIPHOSPHONATES**  
[72] WOOG, HEINRICH, DE  
[72] GABEL, ROLF-DIETER, DE  
[72] MOCKEL, JORN, DE  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2001-04-05  
[86] 1999-10-01 (PCT/EP99/07306)  
[87] 2000-04-20 (WO00/21541)  
[30] EP (98119103.4) 1998-10-09

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[21] **2,345,885**  
[13] A1

[51] **Int.Cl. 7C07H 21/04 7C07K 14/00 7C07K 16/00 7C12N 15/00 7C12N 15/63 7C12N 15/85 7C12N 15/86**

[25] EN

[54] **BONE MORPHOGENIC PROTEIN-INDUCED GENES AND POLYPEPTIDES, AND THEIR USE IN DIAGNOSTIC AND THERAPEUTIC METHODS**

[54] **GENES INDUITS PAR DES PROTEINES MORPHOGENIQUES OSSEUSES ET POLYPEPTIDES ASSOCIES, ET LEUR UTILISATION DANS DES METHODES DIAGNOSTIQUES ET THERAPEUTIQUES**

[72] KEARNF, ANN, US  
[72] DEMAY, MARIE B., US  
[71] THE GENERAL HOSPITAL CORPORATION, US  
[85] 2001-04-10  
[86] 1999-10-15 (PCT/US99/24263)  
[87] 2000-04-20 (WO00/21976)  
[30] US (60/104,416) 1998-10-15

[21] **2,345,899**  
[13] A1

[51] **Int.Cl. 7A61K 39/00 7A61K 38/18 7A61K 39/395 7C07K 14/475**

[25] EN

[54] **METHOD FOR ENHANCING PROLIFERATION OF INNER EAR HAIR CELLS USING LIGANDS FOR HER2 AND/OR HER3 RECEPTORS**

[54] **PROCEDE PERMETTANT D'ACCENTUER LA PROLIFERATION DES CELLULES DE POILS DE L'OREILLE INTERNE A L'AIDE DE LIGANDS DESTINES AUX RECEPTEURS HER2 ET/OU HER3**

[72] GAO, WEI-QIANG, US  
[71] GENENTECH, INC., US  
[85] 2001-04-03  
[86] 1999-10-28 (PCT/US99/25744)  
[87] 2000-05-18 (WO00/27426)  
[30] US (60/107,522) 1998-11-07

[21] **2,345,900**  
[13] A1

[51] **Int.Cl. 7C12N 15/34 7A61K 48/00 7A61P 35/00 7C07K 14/075 7C07K 14/47 7C12N 15/62 7C12N 15/861**

[25] EN

[54] **SELECTIVELY REPLICATING VIRAL VECTORS**

[54] **VECTEURS VIRAUX A REPLICATION SELECTIVE**

[72] RAMACHANDRA, MURALIDHARA, US  
[72] SHABRAM, PAUL W., US  
[71] CANJI, INC., US  
[85] 2001-04-04  
[86] 1999-10-14 (PCT/US99/21452)  
[87] 2000-04-20 (WO00/22137)  
[30] US (09/172,686) 1998-10-15

[21] **2,345,901**  
[13] A1

[51] **Int.Cl. 7C12P 19/18 7C08B 30/00 7C12N 9/10 7A61K 47/36 7C12N 15/54**

[25] EN

[54] **POLYGLUCAN AND POLYGLUCAN DERIVATIVES OBTAINABLE FROM AMYLOSUCRASE BIOCATALYTIC PRODUCTION IN THE PRESENCE OF BIOGENIC SUBSTANCES**

[54] **POLYGLUCANE ET DERIVES DE POLYGLUCANE POUVANT ETRE OBTENUS A PARTIR D'AMYLOSUCRASE PAR BIOCATALYSE EN PRESENCE DE SUBSTANCES BIOGENIQUES**

[72] SIMANDI, CLAUS, DE  
[72] GALLERT, KARL-CHRISTIAN, DE  
[72] BENGES, HOLGER, DE  
[71] CELANESE VENTURES GMBH, DE  
[85] 2001-04-06  
[86] 1999-10-07 (PCT/EP99/07518)  
[87] 2000-04-20 (WO00/22155)  
[30] DE (198 46 492.4) 1998-10-09

[21] **2,345,902**  
[13] A1

[51] **Int.Cl. 7C12N 15/82 7A01H 5/00 7C12N 9/12 7C07K 14/415**

[25] EN

[54] **APOMIXIS CONFERRED BY EXPRESSION OF SERK INTERACTING PROTEINS**

[54] **APOMIXIE OBTENUE PAR EXPRESSION DE PROTEINES INTERAGISSANT AVEC LA KINASE "SERK"**

[72] HECHT, VALERIE FRANCE GABRIELLE, NL  
[72] DE VRIES, SAPE CORNELIS, NL  
[72] SCHMIDT, EDUARD DANIEL LEENDERT, NL  
[71] SYNGENTA PARTICIPATIONS AG, CH  
[85] 2001-04-11  
[86] 1999-10-20 (PCT/EP99/07972)  
[87] 2000-05-04 (WO00/24914)  
[30] GB (9823098.0) 1998-10-22

[21] **2,345,932**  
[13] A1

[51] **Int.Cl. 6A61K 47/48**

[25] EN

[54] **PEPTIDE-BASED CARRIER DEVICES FOR STELLATE CELLS**

[54] **VECTEURS PEPTIDIQUES POUR CELLULES ETOILEES**

[72] MEIJER, DIRK KLAAS FOKKE, NL  
[72] SCHUPPAN, DETLEF BRUNO IGOR, DE  
[72] POELSTRA, KLAAS, NL  
[72] BELJAARS, ELEONORA, NL  
[71] RIJKSUNIVERSITEIT TE GRONINGEN, NL  
[71] STICHTING VOOR DE TECHNISCHE WETENSCHAPPEN, NL  
[85] 2001-04-09  
[86] 1998-10-08 (PCT/NL98/00579)  
[87] 2000-04-27 (WO00/23113)



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[21] **2,345,934**  
[13] A1  
[51] **Int.Cl. 7C07K 17/00 7A61L 27/00 7C12N 5/00**  
[25] EN  
[54] **COUPLED PEPTIDES**  
[54] **PEPTIDES COUPLES**  
[72] BEUMER, GERRIT JAN, NL  
[72] MCLEAN, KEITH MICHAEL, AU  
[72] JOHNSON, GRAHAM, AU  
[72] GRIESSER, HANS JORG, AU  
[72] CHATELIER, RONALD CHRISTOPHER, US  
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU  
[71] NOVARTIS AG, CH  
[85] 2001-04-17  
[86] 1999-11-12 (PCT/EP99/08725)  
[87] 2000-05-25 (WO00/29548)  
[30] EP (98121663.3) 1998-11-13

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[21] **2,346,004**  
[13] A1  
[51] **Int.Cl. 7C12N 15/82**  
[25] EN  
[54] **TRANSFORMATION PROCESS**  
[54] **PROCEDE DE TRANSFORMATION**  
[72] DE RONDE, JACOBA ADRIANA, ZA  
[72] CRESS, WILLIAM, MX  
[71] PROTEIN RESEARCH TRUST, ZA  
[85] 2001-04-11  
[86] 1999-10-14 (PCT/IB99/01676)  
[87] 2000-04-20 (WO00/22149)  
[30] ZA (98/9427) 1998-10-15

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[21] **2,346,006**  
[13] A1  
[51] **Int.Cl. 7A61K 39/395 7C07H 19/00 7C12N 15/00 7C12N 9/02 7C12P 7/62**  
[25] EN  
[54] **DELTA 6 FATTY ACID DESATURASE**  
[54] **DESATURASE D'ACIDE GRAS DELTA 6**  
[72] CASKEY, C. THOMAS, US  
[72] PETRUKHIN, KONSTANTIN, US  
[71] MERCK & CO., INC., US  
[85] 2001-04-09  
[86] 1999-10-05 (PCT/US99/23253)  
[87] 2000-04-20 (WO00/21557)  
[30] US (60/103,760) 1998-10-09

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[21] **2,346,119**  
[13] A1  
[51] **Int.Cl. 7A61K 38/00 7A61F 2/00 7C07K 17/02 7A61K 35/12 7A61K 38/17 7A01N 37/18 7A61K 35/32 7A61K 35/34**  
[25] EN  
[54] **A METHOD OF INDUCING OR ENHANCING CHONDROGENESIS WITH EXTRACELLULAR MATRIX CONTAINING GDF-5**  
[54] **PROCEDE SERVANT A DECLENCHER OU A RENFORCER LA CHONDROGENESE A L'AIDE D'UNE MATRICE EXTRACELLULAIRE CONTENANT GDF-5**  
[72] DAVERMAN, ROBIN, US  
[72] HEIDARAN, MOHAMMAD A., US  
[72] LIU, LINSHU, US  
[72] SPIRO, ROBERT C., US  
[71] ORQUEST, INC., US  
[85] 2001-04-09  
[86] 1999-10-14 (PCT/US99/24130)  
[87] 2000-04-20 (WO00/21549)  
[30] US (60/104,220) 1998-10-14

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[21] **2,346,125**  
[13] A1  
[51] **Int.Cl. 7C12Q 1/68**  
[25] EN  
[54] **DETECTION OF CYP1A1, CYP3A4, CYP2D6 AND NAT2 VARIANTS AND THERAPEUTIC USES THEREOF**  
[54] **DETECTION DE VARIANTS DE CYP1A1, CYP3A4, CYP2D6 ET NAT2**  
[72] LABUDA, DAMIAN, CA  
[72] SINNETT, DANIEL, CA  
[71] SIGNALGENE, CA  
[85] 2001-04-12  
[86] 1999-10-22 (PCT/CA99/00982)  
[87] 2000-05-04 (WO00/24926)  
[30] US (09/177,359) 1998-10-23

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[21] **2,346,127**  
[13] A1  
[51] **Int.Cl. 7C12N 9/22 7A61K 48/00 7C12N 7/01 7C12N 5/10 7C12N 15/12 7A61K 31/195**  
[25] EN  
[54] **NOVEL DEOXYRIBONUCLEASE, GENE ENCODING THE SAME AND USE THEREOF**  
[54] **NOUVELLE DESOXYRIBONUCLEASE, GENE CODANT CETTE DERNIERE, ET PROCEDE DE PRODUCTION DE CETTE DERNIERE**  
[72] SHIOKAWA, DAISUKE, JP  
[72] TANUMA, SEIICHI, JP  
[71] TANUMA, SEIICHI, JP  
[85] 2001-04-17  
[86] 2000-05-01 (PCT/JP00/02893)  
[87] 2001-02-22 (WO01/12793)  
[30] JP (11/230870) 1999-08-17

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[21] **2,346,134**  
[13] A1  
[51] **Int.Cl. 7C07K 1/00 7C07K 4/00 7C07K 17/00 7C12N 15/00 7C12N 5/02 7C12P 21/06 7C12N 15/09 7G01N 33/53 7C12N 15/63 7C12Q 1/68 7C12N 15/70 7C12N 15/74**  
[25] EN  
[54] **G PROTEIN-COUPLED RECEPTOR RESEMBLING THE THROMBIN RECEPTOR**  
[54] **RECEPTEUR COUPLE A UNE PROTEINE G RESSEMBLANT AU RECEPTEUR DE THROMBINE**  
[72] LIU, QINGYUN, US  
[72] WANG, RUIPING, US  
[72] MCDONALD, TERRENCE P., US  
[71] MERCK & CO., INC., US  
[85] 2001-04-02  
[86] 1999-09-29 (PCT/US99/22634)  
[87] 2000-04-13 (WO00/20438)  
[30] US (60/102,958) 1998-10-02

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[21] **2,346,146**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68**  
[25] EN  
[54] **OLIGONUCLEOTIDE PRIMERS THAT DESTABILIZE NON-SPECIFIC DUPLEX FORMATION AND USES THEREOF**  
[54] **AMORCES OLIGONUCLEOTIDIQUES DESTABILISANT LA FORMATION DE DUPLEX NON SPECIFIQUES ET LEURS UTILISATIONS**  
[72] DAS, MANJULA, CA  
[72] PELLETIER, JERRY, CA  
[71] MCGILL UNIVERSITY, CA  
[85] 2001-04-04  
[86] 1999-10-06 (PCT/CA99/00933)  
[87] 2000-04-13 (WO00/20630)  
[30] CA (2,246,623) 1998-10-07

[21] **2,346,152**  
[13] A1

[51] **Int.Cl. 7C12N 5/06 7C07K 14/47**  
[25] EN  
[54] **PROMOTION OF SELF-RENEWAL AND IMPROVED GENE TRANSDUCTION OF HEMATOPOIETIC STEM CELLS BY HISTONE DEACETYLASE INHIBITORS**  
[54] **PROCEDE POUR FAVORISER L'AUTORENOUVELLEMENT ET TRANSDUCTION GENIQUE AMELIOREE DES CELLULES SOUCHES HEMATOPOIETIQUES PAR DES INHIBITEURS DE DESACETYLASE DE L'HISTONE**  
[72] LAVAU, CATHERINE P., US  
[72] HILL, BETH LOUISE, US  
[72] YOUNG, JUDY CAROL, US  
[71] NOVARTIS AG, CH  
[85] 2001-04-12  
[86] 1999-10-14 (PCT/EP99/07741)  
[87] 2000-04-27 (WO00/23567)  
[30] US (09/173,633) 1998-10-16  
[30] US (60/132,476) 1999-05-04

[21] **2,346,153**  
[13] A1

[51] **Int.Cl. 7C12N 15/82 7A01H 5/00**  
[25] EN  
[54] **METHOD FOR OBTAINING TRANSGENIC PLANTS EXPRESSING A PROTEIN WITH ACTIVITY PRODUCING HYDROGEN PEROXIDE BY TRANSFORMATION BY AGROBACTERIUM RHIZOGENES**  
[54] **PROCEDE D'OBTENTION DE PLANTES TRANSGENIQUES EXPRIMANT UNE PROTEINE A ACTIVITE PRODUCTRICE DE PEROXYDE D'HYDROGENE PAR TRANSFORMATION PAR AGROBACTERIUM RHIZOGENES**  
[72] PAGNIEZ, MICHEL, FR  
[72] GRISON, RENE, FR  
[72] TOPPAN, ALAIN, FR  
[71] BIOGEMMA, FR  
[85] 2001-04-06  
[86] 1999-10-08 (PCT/FR99/02412)  
[87] 2000-04-20 (WO00/22148)  
[30] FR (98/12704) 1998-10-09

[21] **2,346,155**  
[13] A1

[51] **Int.Cl. 7C12N 15/10 7A61K 48/00 7C12N 5/10 7C12N 15/11 7A61K 31/711 7C12N 15/85**  
[25] EN  
[54] **ENZYMATIC SYNTHESIS OF SSDNA**  
[54] **SYNTHESE ENZYMATIQUE D'ADN SIMPLE BRIN**  
[72] SKILLERN, MICHAEL J., US  
[72] CONRAD, CHARLES A., US  
[72] ELLISTON, JONATHAN F., US  
[71] CYTOGENIX, INC., US  
[71] INGENE, INC., US  
[85] 2001-04-09  
[86] 1999-10-12 (PCT/US99/23933)  
[87] 2000-04-20 (WO00/22113)  
[30] US (09/169,793) 1998-10-09  
[30] US (09/397,783) 1999-09-16

[21] **2,346,217**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61P 29/00 7C12P 21/00 7A01K 67/027 7C12N 5/10 7A61K 38/17 7C07K 16/18 7C07K 14/47 7G01N 33/566 7G01N 33/58 7A61K 9/66 7C12N 15/66**  
[25] EN  
[54] **EXTRACELLULAR NOVEL RAGE BINDING PROTEIN (EN-RAGE) AND USES THEREOF**  
[54] **NOUVELLE PROTEINE EXTRACELLULAIRE LIANT LE PEPTIDE RAGE (EN-RAGE), ET UTILISATIONS CORRESPONDANTES**  
[72] STERN, DAVID, US  
[72] SCHMIDT, ANN MARIE, US  
[71] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US  
[85] 2001-04-05  
[86] 1999-10-06 (PCT/US99/23303)  
[87] 2000-04-13 (WO00/20621)  
[30] US (09/167,705) 1998-10-06  
[30] US (09/263,312) 1999-03-05

[21] **2,346,218**  
[13] A1

[51] **Int.Cl. 7C12N 15/31 7A61K 39/04 7C07K 14/35 7G01N 33/569 7C12Q 1/68**  
[25] EN  
[54] **TUBERCULOSIS VACCINE AND DIAGNOSTIC REAGENTS BASED ON ANTIGENS FROM THE MYCOBACTERIUM TUBERCULOSIS CELL**  
[54] **VACCIN ET DIAGNOSTIC TB SELON LES ANTIGENES DE LA CELLULE DU BACILLE DE KOCH**  
[72] ROSENKRANDS, IDA, DK  
[72] SKJOT, RIKKE LOUISE VINTHER, DK  
[72] OKKELS, LI MEI MENG, DK  
[72] WELDINGH, KARIN, DK  
[72] HANSEN, CHRISTINA VEGGERBY, GB  
[72] FLORIO, WALTER, IT  
[72] ANDERSEN, PETER, DK  
[71] STATENS SERUM INSTITUT, DK  
[85] 2001-04-06  
[86] 1999-10-08 (PCT/DK99/00538)  
[87] 2000-04-20 (WO00/21983)  
[30] DK (PA 1998 01281) 1998-10-08  
[30] US (60/116,673) 1999-01-21

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[21] **2,346,219**  
[13] A1

[51] **Int.Cl. 6A61K 38/16 6A61K 38/00**  
[25] EN  
[54] **A METHOD OF TREATMENT**  
[54] **PROCEDE DE TRAITEMENT**  
[72] MURPHY, MARK, AU  
[72] PILIZZOTTO, MARK, AU  
[72] PAXINOS, GEORGE, AU  
[72] DOTTORI, MIRELLA, AU  
[72] KILPATRICK, TREVOR, AU  
[72] BOYD, ANDREW W., AU  
[72] KONTGEN, FRANK, AU  
[72] GREFERATH, URSULA, AU  
[72] HARTLEY, LYNNE, AU  
[72] COONAN, JASON, AU  
[72] BARTLETT, PERRY F., AU  
[72] GALEA, MARY, AU  
[71] THE WALTER AND ELIZA HALL  
INSTITUTE OF MEDICAL RESEARCH,  
AU  
[71] THE COUNCIL OF THE  
QUEENSLAND INSTITUTE OF MEDICAL  
RESEARCH, AU  
[71] THE UNIVERSITY OF MELBOURNE,  
AU  
[85] 2001-04-17  
[86] 1999-10-27 (PCT/AU99/00931)  
[87] 2000-05-04 (WO00/24413)  
[30] AU (PP 6748) 1998-10-27

[21] **2,346,262**  
[13] A1

[51] **Int.Cl. 7C12N 15/86 7A61K 48/00**  
**7C12N 15/12 7C12N 15/53 7C12N 15/62**  
[25] EN  
[54] **METHODS FOR TREATMENT OF**  
**DEGENERATIVE RETINAL DISEASES**  
[54] **METHODES DE TRAITEMENT DE**  
**MALADIES DEGENERATIVES DE LA**  
**RETINE**  
[72] HAUSWIRTH, WILLIAM W., US  
[72] TIMMERS, ADRIAN M., US  
[72] JANSSEN, JACQUES J., NL  
[71] CATHOLIC UNIVERSITY  
NIJMEGEN, NL  
[71] UNIVERSITY OF FLORIDA, US  
[85] 2001-04-09  
[86] 1999-09-17 (PCT/US99/21681)  
[87] 2000-03-23 (WO00/15822)  
[30] US (09/156,084) 1998-09-17

[21] **2,346,263**  
[13] A1

[51] **Int.Cl. 7C12N 15/29 7C12N 15/82**  
[25] EN  
[54] **NUCLEIC ACIDS THAT CONTROL**  
**REPRODUCTIVE DEVELOPMENT IN**  
**PLANTS**  
[54] **ACIDES NUCLEIQUES**  
**CONTROLANT LE DEVELOPPEMENT**  
**REPRODUCTIF DES PLANTES**  
[72] AUBERT, DOMINIQUE, ZZ  
[72] CHEN, LINGJING, ZZ  
[72] SUNG, Z. RENEE, ZZ  
[71] THE REGENTS OF THE  
UNIVERSITY OF CALIFORNIA, US  
[85] 2001-04-06  
[86] 1999-10-08 (PCT/US99/23543)  
[87] 2000-04-20 (WO00/22132)  
[30] US (09/169,696) 1998-10-09

[21] **2,346,264**  
[13] A1

[51] **Int.Cl. 7A61K 39/395 7C07K 16/00**  
**7C12Q 1/00 7G01N 33/53 7G01N 33/567**  
**7G01N 33/574**  
[25] EN  
[54] **GLYPICANS FOR THE**  
**DETECTION AND TREATMENT OF**  
**HUMAN CARCINOMA**  
[54] **GLYPICANES SERVANT A**  
**DETECTER ET A TRAITER LE**  
**CARCINOME HUMAIN**  
[72] LANDER, ARTHUR, US  
[72] KORC, MURRAY, US  
[71] THE REGENTS OF THE  
UNIVERSITY OF CALIFORNIA, US  
[85] 2001-04-11  
[86] 1999-10-15 (PCT/US99/24176)  
[87] 2000-04-27 (WO00/23109)  
[30] US (60/104,510) 1998-10-16  
[30] US (60/121,624) 1999-02-25

[21] **2,346,375**  
[13] A1

[51] **Int.Cl. 6C12N 5/00 6A61K 38/43**  
[25] EN  
[54] **METHOD FOR THE TREATMENT**  
**OF CHEMONUCLEOLYSIS**  
[54] **PROCEDE DE TRAITEMENT PAR**  
**CHIMIONUCLEOLYSE**  
[72] AN, HOWARD, US  
[72] SAMPATH, KUBER T., US  
[72] THONAR, EUGENE J-M.A., US  
[72] MASUDA, KOICHI, US  
[71] RUSH-PRESBYTERIAN-ST. LUKE'S  
MEDICAL CENTER, US  
[85] 2001-04-05  
[86] 1999-07-30 (PCT/US99/17392)  
[87] 2000-04-13 (WO00/20559)  
[30] US (60/103,161) 1998-10-06

[21] **2,346,378**  
[13] A1

[51] **Int.Cl. 7A61F 2/44**  
[25] EN  
[54] **ARTICULATING SPINAL DISC**  
**PROSTHESIS**  
[54] **PROTHESE VERTEBRALE**  
**ARTICULEE A DISQUE**  
[72] SHELOKOV, ALEXIS P., US  
[71] DISC REPLACEMENT  
TECHNOLOGIES, INC., US  
[85] 2001-04-05  
[86] 1999-10-26 (PCT/US99/25099)  
[87] 2000-05-04 (WO00/24342)  
[30] US (09/179,324) 1998-10-27

[21] **2,346,380**  
[13] A1

[51] **Int.Cl. 7B01L 3/00 7A61B 10/00**  
**7A61B 5/15 7G01N 33/48 7G01N 33/49**  
**7G01N 33/52 7G01N 33/53**  
[25] EN  
[54] **COLLECTION DEVICE FOR**  
**BIOLOGICAL SAMPLES AND**  
**METHODS OF USE**  
[54] **DISPOSITIF DE COLLECTE**  
**D'ECHANTILLONS BIOLOGIQUES ET**  
**METHODES D'UTILISATIONS**  
[72] SARZO, RAUL, US  
[72] RAY, ROBERT A., US  
[72] PEDDICORD, JULIE, US  
[72] STANGARONE, ROBERT, US  
[71] FLEXSITE DIAGNOSTICS, INC., US  
[85] 2001-04-06  
[86] 1999-10-08 (PCT/US99/23680)  
[87] 2000-04-20 (WO00/21664)  
[30] US (09/169,843) 1998-10-09

[21] **2,346,382**  
[13] A1

[51] **Int.Cl. 7A47L 9/04 7A47L 5/30**  
[25] EN  
[54] **A CLEANER HEAD ASSEMBLY**  
**FOR A VACUUM CLEANER**  
[54] **TETE DE NETTOYAGE POUR**  
**ASPIRATEUR**  
[72] THOMSON, ANDREW WALTER  
MCRAE, GB  
[71] DYSON LIMITED, GB  
[85] 2001-04-06  
[86] 1999-10-04 (PCT/GB99/03271)  
[87] 2000-04-20 (WO00/21427)  
[30] GB (9822005.6) 1998-10-08

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[21] **2,346,386**  
[13] A1

[51] **Int.Cl. 7G01N 33/50 7G01N 33/52 7G01N 21/64**  
[25] EN  
[54] **A METHOD FOR THE DETECTION OF MITOCHONDRIAL ALTERATIONS**  
[54] **PROCEDE DE DETECTION DE MODIFICATIONS MITOCHONDRIALES**  
[72] VILLA, ANNA MARIA, IT  
[72] DOGLIA, SILVIA MARIA, IT  
[72] DOGLIA, SILVIA MARIA, IT  
[72] MANFAIT, MICHEL, R., FR  
[71] VILLA, ANNA MARIA, IT  
[71] DOGLIA, SILVIA MARIA, IT  
[85] 2001-04-06  
[86] 1999-10-07 (PCT/EP99/07530)  
[87] 2000-04-20 (WO00/22432)  
[30] IT (MI98A002163) 1998-10-08

[21] **2,346,388**  
[13] A1

[51] **Int.Cl. 6G06F 13/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DELIVERING ELECTRONIC ADVOCACY MESSAGES**  
[54] **PROCEDE ET APPAREIL DE TRANSMISSION DE MESSAGES PROMOTIONNELS ELECTRONIQUES**  
[72] MANI, V. S., US  
[72] SHAW, DAVID E., US  
[72] ARDAI, CHARLES E., US  
[72] SARAIYA, YATIN P., US  
[72] SASSON, DAVID M., US  
[72] STONE, ROGER A., US  
[71] JUNO ONLINE SERVICES, INC., US  
[85] 2001-04-06  
[86] 1999-10-06 (PCT/US99/23213)  
[87] 2000-04-13 (WO00/20975)  
[30] US (60/103,380) 1998-10-07  
[30] US (09/206,343) 1998-12-07  
[30] US (09/229,965) 1999-01-14

[21] **2,346,389**  
[13] A1

[51] **Int.Cl. 6B08B 7/04 6B08B 3/00 6B08B 9/20**  
[25] EN  
[54] **A MULTISTAGE CLEANING APPARATUS AND METHOD**  
[54] **DISPOSITIF DE LAVAGE A PLUSIEURS ETAGES ET PROCEDE ASSOCIE**  
[72] WHITEMAN, GEORGE A., US  
[72] AFFOLDER, DAVID, US  
[71] WHITEMAN, GEORGE A., US  
[71] AFFOLDER, DAVID, US  
[85] 2001-04-06  
[86] 1999-10-28 (PCT/US99/25419)  
[87] 2000-05-04 (WO00/24533)  
[30] US (60/105,956) 1998-10-28

[21] **2,346,391**  
[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **COMPUTERIZED GAME BALL CUSTOMIZATION SYSTEM**  
[54] **SYSTEME INFORMATIQUE DE PERSONNALISATION DE BALLE/BALLONS**  
[72] COVELLO, DIANE F., US  
[72] KENNEDY, THOMAS J., III, US  
[71] SPALDING SPORTS WORLDWIDE, INC., US  
[85] 2001-04-06  
[86] 1999-10-06 (PCT/US99/23296)  
[87] 2000-04-13 (WO00/21014)  
[30] US (09/166,970) 1998-10-06

[21] **2,346,394**  
[13] A1

[51] **Int.Cl. 6B23B 51/02**  
[25] EN  
[54] **STIFF DRILL**  
[54] **FORET RIGIDE**  
[72] HOEFLER, BRIAN D., US  
[72] KUMAR, SUMANTH, US  
[71] INGERSOLL CUTTING TOOL COMPANY, US  
[85] 2001-04-06  
[86] 1999-09-07 (PCT/US99/20669)  
[87] 2001-03-15 (WO01/17719)

[21] **2,346,395**  
[13] A1

[51] **Int.Cl. 7H01M 8/24 7H01M 8/02**  
[25] EN  
[54] **FUEL CELL ASSEMBLY UNIT FOR PROMOTING FLUID SERVICE AND DESIGN FLEXIBILITY**  
[54] **ENSEMBLE PILE A COMBUSTIBLE PERMETTANT UNE MEILLEURE GESTION DU FLUIDE DE SERVICE ET UNE PLUS GRANDE FLEXIBILITE DE CONCEPTION**  
[72] CARLSTROM, CHARLES H., JR., US  
[72] MARVIN, RUSSEL H., US  
[71] PLUG POWER, INC., US  
[85] 2001-04-06  
[86] 1999-10-06 (PCT/US99/23283)  
[87] 2000-04-13 (WO00/21153)  
[30] US (09/167,359) 1998-10-07

[21] **2,346,458**  
[13] A1

[51] **Int.Cl. 7E21C 35/197 7F16B 43/00**  
[25] EN  
[54] **ROTATABLE CUTTING BIT AND BIT WASHER THEREFOR**  
[54] **TAILLANT ROTATIF ET RONDELLE DESTINEE A CE TAILLANT**  
[72] MERCIER, GREG D., US  
[72] WIDENER, BRIAN K., US  
[72] MCSHARRY, CHRIS J., US  
[72] FULLER, GARY A., US  
[71] SANDVIK AKTIEBOLAG, SE  
[85] 2001-04-05  
[86] 1999-09-29 (PCT/SE99/01736)  
[87] 2000-04-13 (WO00/20723)  
[30] US (09/168,061) 1998-10-08

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[21] **2,346,497**  
[13] A1

[51] **Int.Cl. 6C12N 5/00**  
[25] EN  
[54] **SPODOPTERA FRUGIPERDA SINGLE CELL SUSPENSION CELL LINE IN SERUM-FREE MEDIA, METHODS OF PRODUCING AND USING**  
[54] **LIGNEE MONOCELLULAIRE DE CELLULES DE SPODOPTERA FRUGIPERDA EN SUSPENSION DANS UN MILIEU EXEMPT DE SERUM, ET SES PROCEDES D'OBTENTION ET D'UTILISATION**  
[72] SMITH, GALE E., US  
[72] FOELLMER, HARALD G., US  
[72] KNELL, JOHN, US  
[72] DEBARTOLOMEIS, JAMES, US  
[72] VOZNESENSKY, ANDREI I., US  
[71] PROTEIN SCIENCES CORPORATION, US  
[85] 2001-04-06  
[86] 1999-10-04 (PCT/US99/22862)  
[87] 2000-04-13 (WO00/20561)  
[30] US (09/169,178) 1998-10-08

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[21] **2,346,499**  
[13] A1

[51] **Int.Cl. 7C12N 15/52 7C12N 9/00 7C12P 17/06 7C12N 5/10 7C12P 17/18 7C07K 14/195 7C12N 15/63**  
[25] EN  
[54] **DNA SEQUENCES FOR ENZYMATIC SYNTHESIS OF POLYKETIDE OR HETEROPOLYKETIDE COMPOUNDS**  
[54] **SEQUENCES D'ADN DESTINEES A LA SYNTHESE ENZYMATIQUE DE COMPOSES A BASE DE POLYKETIDES OU D'HETEROPOLYKETIDES**  
[72] HOFLE, GERHARD, DE  
[72] DOUGHERTY, BRIAN A., US  
[72] GOLDBERG, STEVEN L., US  
[72] BEYER, STEFAN, DE  
[72] CINO, PAUL M., US  
[72] REICHENBACH, HANS, DE  
[72] BRANDT, PETRA, DE  
[72] BLOECKER, HELMUT, DE  
[72] MUELLER, ROLF-JOACHIM, DE  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
[85] 2001-04-09  
[86] 1999-10-11 (PCT/US99/23535)  
[87] 2000-04-20 (WO00/22139)  
[30] DE (198 46 493.2) 1998-10-09

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[21] **2,346,500**  
[13] A1

[51] **Int.Cl. 7C12N 15/10 7C12N 5/10 7C12N 15/62 7C12N 15/63**  
[25] EN  
[54] **METHODS AND REAGENTS FOR ISOLATING BIOLOGICALLY ACTIVE PEPTIDES**  
[54] **PROCEDES ET REACTIFS PERMETTANT D'ISOLER DES PEPTIDES ACTIFS AU PLAN BIOLOGIQUE**  
[72] GYURIS, JENO, US  
[72] MORRIS, AARON J., US  
[71] GPC BIOTECH, INC., US  
[85] 2001-04-09  
[86] 1999-10-19 (PCT/US99/24276)  
[87] 2000-04-27 (WO00/23465)  
[30] US (09/174,943) 1998-10-19

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[21] **2,346,562**  
[13] A1

[51] **Int.Cl. 6B60B 9/26**  
[25] FR  
[54] **ROUE DEFORMABLE NON PNEUMATIQUE**  
[54] **DEFORMABLE NON-PNEUMATIC TYRE**  
[72] HOTTEBART, FRANCOIS, FR  
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN - MICHELIN & CIE, FR  
[85] 2001-03-28  
[86] 1998-09-29 (PCT/FR98/02084)  
[87] 2000-04-06 (WO00/18592)

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[21] **2,346,563**  
[13] A1

[51] **Int.Cl. 7C07D 405/14 7C07D 217/04 7A61K 31/4725**  
[25] FR  
[54] **NOUVEAUX DERIVES DE LA 2--3-PHENYL-2-PROPENYL]-1,2,3,4-TETRAHYDROISOQUINOLEINE, LEUR PROCEDE DE PREPARATION ET LEUR APPLICATION COMME FONGICIDES**  
[54] **NOVEL 2--3-PHENYL-2-PROPENYL]-1,2,3,4-TETRAHYDROXYISOQUINOLINE DERIVATIVES, PREPARATION METHOD AND USE AS FUNGICIDES**  
[72] BRAHAM, ABDEL KARIM, FR  
[72] BABIN, DIDIER, FR  
[72] ISLAM, KHALID, IT  
[72] HAWSER, STEPHEN, IT  
[71] AVENTIS PHARMA S.A., FR  
[85] 2001-04-05  
[86] 1999-10-05 (PCT/FR99/02371)  
[87] 2000-04-13 (WO00/20413)  
[30] FR (98/12483) 1998-10-06  
[30] FR (99/10811) 1999-08-26

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[21] **2,346,564**  
[13] A1

[51] **Int.Cl. 7A61K 31/282 7A61K 9/08 7A61K 33/24 7A61K 31/555**  
[25] FR  
[54] **CONDITIONNEMENT D'UNE PREPARATION D'OXALIPLATINE**  
[54] **OXALIPLATINUM PREPARATION PACKAGING**  
[72] MAUVERNAY, ROLLAND-YVES, CH  
[71] DEBIOPHARM S.A., CH  
[85] 2001-04-10  
[86] 1999-10-13 (PCT/IB99/01670)  
[87] 2000-04-20 (WO00/21527)  
[30] CH (2067/98) 1998-10-14

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[21] **2,346,565**  
[13] A1

[51] **Int.Cl. 7F16L 1/16**  
[25] FR  
[54] **ENSEMBLE POUR LA CONSTRUCTION D'UN RESEAU DE TRANSPORT SUBAQUATIQUE DE FLUIDE, D'ENERGIE, OU DE SIGNAUX**  
[54] **ASSEMBLY FOR CONSTRUCTING AN UNDERWATER SYSTEM FOR TRANSPORTING FLUID, ENERGY OR SIGNALS**

[72] TRICHARD, CLAUDE, FR  
[72] TRIMMINGS, DAVID, GB  
[72] PIRONY, ERIC, FR  
[71] NOVOPLASTIC, FR  
[85] 2001-04-12  
[86] 1999-10-14 (PCT/FR99/02507)  
[87] 2000-04-20 (WO00/22330)  
[30] FR (98/13040) 1998-10-14

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[21] **2,346,566**  
[13] A1

[51] **Int.Cl. 7F16L 9/147 7F16L 15/04 7F16L 11/14 7F16L 1/16 7F16L 1/24**  
[25] FR  
[54] **CONDUIT D'INSTALLATION POUR LA CONSTRUCTION D'UN RESEAU DE TRANSPORT SUBAQUATIQUE DE FLUIDE, D'ENERGIE, OU DE SIGNAUX**  
[54] **INSTALLATION CONDUIT FOR CONSTRUCTING AN UNDERWATER TRANSPORT SYSTEM FOR FLUID, ENERGY OR SIGNALS**

[72] TRICHARD, CLAUDE, FR  
[72] PIRONY, ERIC, FR  
[72] TRIMMINGS, DAVID, GB  
[71] NOVOPLASTIC, FR  
[85] 2001-04-12  
[86] 1999-10-14 (PCT/FR99/02506)  
[87] 2000-04-20 (WO00/22335)  
[30] FR (98/13040) 1998-10-14

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[21] **2,346,567**  
[13] A1

[51] **Int.Cl. 7A61K 9/00 7A61K 47/40 7A61K 47/48 7A61K 31/565**  
[25] FR  
[54] **PROCEDE DE PREPARATION D'UNE SOLUTION POUR PULVERISATION NASALE CONTENANT UNE OU PLUSIEURS HORMONES SEXUELLES ET UNE CYCLODEXTRINE**  
[54] **METHOD FOR PREPARING A SOLUTION FOR NASAL SPRAY CONTAINING SEX HORMONES AND A CYCLODEXTRIN**

[72] FONKNECHTEN, GILLES, FR  
[72] WUTHRICH, PATRICK, FR  
[71] ADIR ET COMPAGNIE, FR  
[85] 2001-04-12  
[86] 1999-10-13 (PCT/FR99/02480)  
[87] 2000-04-20 (WO00/21503)  
[30] FR (98/12836) 1998-10-14

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[21] **2,346,660**  
[13] A1

[51] **Int.Cl. 7B24D 5/00 7B24D 3/06**  
[25] EN  
[54] **STIFFLY BONDED THIN ABRASIVE WHEEL**  
[54] **DISQUE ABRASIF MINCE A LIANT RIGIDE**

[72] ANDREWS, RICHARD M., US  
[72] RAMANATH, SRINIVASAN, US  
[71] NORTON COMPANY, US  
[85] 2001-04-05  
[86] 1999-07-08 (PCT/US99/15323)  
[87] 2000-05-04 (WO00/24549)  
[30] US (09/177,770) 1998-10-23

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[21] **2,346,703**  
[13] A1

[51] **Int.Cl. 7A61N 7/00**  
[25] EN  
[54] **A METHOD AND DEVICE FOR HAIR REMOVAL**  
[54] **PROCEDE D'EPILATION ET APPAREIL CORRESPONDANT**

[72] SEGAL, EMANUEL, IL  
[72] ELMAN, DMITRY, IL  
[72] SHALHEVET, DAVID, IL  
[72] IGER, YONI, IL  
[71] ULTRA CURE LTD., IL  
[85] 2001-04-06  
[86] 1999-10-08 (PCT/IL99/00533)  
[87] 2000-04-20 (WO00/21612)  
[30] IL (126505) 1998-10-09

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[21] **2,346,725**  
[13] A1

[51] **Int.Cl. 7D06L 1/04 7C11D 11/00 7C11D 3/20**  
[25] EN  
[54] **BLEACH CONTAINING COMPOSITIONS FOR STAIN REMOVAL AND METHODS OF HEAT ACTIVATION OF THE BLEACH**  
[54] **COMPOSITIONS CONTENANT UN AGENT DE BLANCHIMENT, POUR L'ELIMINATION DES TACHES, ET PROCEDES D'ACTIVATION PAR LA CHALEUR DE L'AGENT DE BLANCHIMENT**

[72] VANHAUWERMEIREN, TIMOTHY, BE  
[72] VANDEVENNE, ANN, BE  
[72] GAALOUL, SONIA, BE  
[72] SIKLOSI, MICHAEL, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-04-09  
[86] 1999-10-13 (PCT/US99/24023)  
[87] 2000-04-27 (WO00/23646)  
[30] US (60/105,253) 1998-10-22

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[21] **2,346,726**  
[13] A1

[51] **Int.Cl. 7A23K 1/16 7A23K 3/03 7A23K 1/18**  
[25] EN  
[54] **GROWTH ENHANCERS**  
[54] **PROMOTEUR DE CROISSANCE**

[72] EVJU, HANS, NO  
[71] BORREGAARD INDUSTRIES LIMITED, NO  
[85] 2001-04-09  
[86] 1999-10-12 (PCT/NO99/00309)  
[87] 2000-05-18 (WO00/27220)  
[30] NO (19985230) 1998-11-09

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[21] **2,346,727**  
[13] A1  
[51] **Int.Cl. 7C07D 263/06 7C11B 9/00 7A61K 7/46**  
[25] EN  
[54] **FRAGRANCE PRO-ACCORDS AND ALDEHYDE AND KETONE FRAGRANCE LIBRARIES**  
[54] **PRECURSEURS D'ACCORDS DE PARFUM ET BIBLIOTHEQUES DE PARFUMS A BASE D'ALDEHYDE ET DE CETONE**  
[72] MIRACLE, GREGORY SCOT, US  
[72] PRICE, KENNETH NATHAN, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-04-09  
[86] 1999-10-22 (PCT/US99/24823)  
[87] 2000-05-04 (WO00/24721)  
[30] US (60/105,380) 1998-10-23

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[21] **2,346,728**  
[13] A1  
[51] **Int.Cl. 6G01N 21/63**  
[25] EN  
[54] **CHARACTERIZATION OF LUMINESCENCE IN A SCATTERING MEDIUM**  
[54] **CARACTERISATION DE LA LUMINESCENCE DANS UN MILIEU DE DISPERSION**  
[72] MAYER, RALF H., US  
[72] SEVICK-MURACA, EVA M., US  
[72] REYNOLDS, JEFFERY S., US  
[71] THE TEXAS A & M UNIVERSITY SYSTEM, US  
[85] 2001-04-09  
[86] 1999-10-08 (PCT/US99/23709)  
[87] 2000-04-20 (WO00/22414)  
[30] US (60/103,609) 1998-10-09

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[21] **2,346,729**  
[13] A1  
[51] **Int.Cl. 7C07D 211/26 7C07D 401/14 7C07D 413/14 7A61K 31/445**  
[25] EN  
[54] **UREIDOPIPERIDINE DERIVATIVES AS SELECTIVE HUMAN NK3 RECEPTOR ANTAGONISTS**  
[54] **DERIVES D'UREIDOPIPERIDINE COMME ANTAGONISTES SELECTIFS DES RECEPTEURS NK3 HUMAINS**  
[72] PROIETTO, VINCENZO, FR  
[72] EDMONDS-ALT, XAVIER, FR  
[72] AULOMBARD, ALAIN, FR  
[72] VAN BROECK, DIDIER, FR  
[71] SANOFI-SYNTHELABO, FR  
[85] 2001-04-09  
[86] 1999-10-04 (PCT/FR99/02355)  
[87] 2000-04-20 (WO00/21931)  
[30] FR (98/12859) 1998-10-09

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[21] **2,346,730**  
[13] A1  
[51] **Int.Cl. 7C08L 61/28 7C09D 5/03 7C09D 161/28**  
[25] EN  
[54] **POWDER COMPOSITION FOR THE PRODUCTION OF AQUEOUS COATING AGENTS**  
[54] **COMPOSITION PULVERULENTE POUR LA PRODUCTION D'AGENTS DE RECOUVREMENT AQUEUX**  
[72] WEISS, HERBERT, DE  
[72] OCHSNER, WALDEMAR, DE  
[71] PERMATEX GMBH, DE  
[85] 2001-04-09  
[86] 1999-11-05 (PCT/EP99/08505)  
[87] 2000-05-18 (WO00/27919)  
[30] DE (198 61 030.0) 1998-11-10

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[21] **2,346,731**  
[13] A1  
[51] **Int.Cl. 6H04N 5/445**  
[25] EN  
[54] **METHOD AND APPARATUS FOR SELECTIVELY SUPPLYING ADVERTISING MESSAGES TO VIEWER TERMINALS**  
[54] **TECHNIQUE ET DISPOSITIF D'ACHEMINEMENT SELECTIF DE MESSAGES PUBLICITAIRES VERS DES TERMINAUX DE TELEVISION**  
[72] YUEN, HENRY C., US  
[71] INDEX SYSTEMS, INC., VG  
[85] 2001-04-09  
[86] 1999-10-13 (PCT/US99/23649)  
[87] 2000-04-20 (WO00/22818)  
[30] US (60/104,008) 1998-10-13  
[30] US (60/110,301) 1998-11-30

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[21] **2,346,732**  
[13] A1  
[51] **Int.Cl. 6H02H 3/00**  
[25] EN  
[54] **A PROTECTIVE RELAY-BASED MONITORING SYSTEM OF DC POWER WITHIN AN ELECTRIC POWER SUBSTATION**  
[54] **SYSTEME DE SURVEILLANCE RELAIS PROTECTEUR D'UNE ALIMENTATION EN COURANT CONTINU CONTENU DANS UNE SOUS-STATION ELECTRIQUE**  
[72] LEE, TONY J., US  
[72] ROBERTS, JEFFREY B., US  
[72] WHITEHEAD, DAVID E., US  
[71] SCHWEITZER ENGINEERING LABORATORIES, INC., US  
[85] 2001-04-09  
[86] 1999-10-06 (PCT/US99/23333)  
[87] 2000-04-13 (WO00/21175)  
[30] US (09/169,370) 1998-10-08

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[21] **2,346,733**  
[13] A1  
[51] **Int.Cl. 7G02B 6/20 7G02B 5/08 7G02B 6/10**  
[25] EN  
[54] **OMNIDIRECTIONAL MULTILAYER DEVICE FOR OPTICAL WAVEGUIDING**  
[54] **DISPOSITIF MULTICOUCHES OMNIDIRECTIONNEL DESTINE A UN GUIDE D'ONDES OPTIQUE**  
[72] THOMAS, EDWIN L., US  
[72] JOANNOPOULOS, JOHN D., US  
[72] FAN, SHANHUI, US  
[72] CHEN, CHIPING, US  
[72] FINK, YOEL, US  
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US  
[85] 2001-04-09  
[86] 1999-10-14 (PCT/US99/23833)  
[87] 2000-04-20 (WO00/22466)  
[30] US (60/104,153) 1998-10-14

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<p style="text-align: right;">[21] <b>2,346,734</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C11D 3/39 7C11D 3/37</b> [25] EN [54] <b>PROCESS OF CLEANING CARPETS WITH A COMPOSITION COMPRISING PEROXYGEN BLEACH</b> [54] <b>PROCEDE DE NETTOYAGE DE TAPIS DE SOL A L'AIDE D'UNE COMPOSITION COMPRENANT UN AGENT DE BLANCHIMENT PEROXYGENE</b> [72] GRIPPAUDO, GABRIELLA, IT [72] SARCINELLI, LUCA, IT [72] RICCI, CARLO, IT [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2001-04-09 [86] 1999-10-01 (PCT/US99/22840) [87] 2000-05-11 (WO00/26333) [30] EP (98870232.0) 1998-10-30</p>	<p style="text-align: right;">[21] <b>2,346,736</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B23K 10/00</b> [25] EN [54] <b>MULTI-COMPONENT PROCESS ANALYSIS AND CONTROL</b> [54] <b>ANALYSE ET COMMANDE D'UN PROCESSUS A PLUSIEURS COMPOSANTS</b> [72] TOGHIANI, HOSSEIN, US [72] LINDNER, JEFFREY S., US [72] HAMILTON, JASON M., US [71] MISSISSIPPI STATE UNIVERSITY, US [85] 2001-04-09 [86] 1999-10-07 (PCT/US99/23321) [87] 2000-04-13 (WO00/20834) [30] US (60/103,329) 1998-10-07</p>	<p style="text-align: right;">[21] <b>2,346,750</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01D 63/00</b> [25] EN [54] <b>ANTIMICROBIAL FILTER CARTRIDGE</b> [54] <b>CARTOUCHE DE FILTRE ANTIMICROBIEN</b> [72] PATIL, ARVIND S., US [71] MICROBAN PRODUCTS COMPANY, US [85] 2001-04-09 [86] 1999-08-09 (PCT/US99/18058) [87] 2001-02-15 (WO01/10542)</p>
<p style="text-align: right;">[21] <b>2,346,735</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 35/14 6C12N 5/06 6C12N 5/08</b> [25] EN [54] <b>CANCER IMMUNOTHERAPY USING ALLOSTIMULATED CELLS IN A MULTIPLE SEQUENTIAL IMPLANTATION STRATEGY</b> [54] <b>IMMUNOTHERAPIE DU CANCER UTILISANT DES CELLULES ALLOSTIMULEES DANS UNE STRATEGIE DE GREFFE SEQUENTIELLE MULTIPLE</b> [72] HISERODT, JOHN C., US [71] MEYER PHARMACEUTICALS, LLC, US [85] 2001-04-09 [86] 1998-09-29 (PCT/US98/20366) [87] 1999-04-22 (WO99/18980) [30] US (60/061,662) 1997-10-10 [30] US (60/061,766) 1997-10-10 [30] US (60/102,175) 1998-09-28</p>	<p style="text-align: right;">[21] <b>2,346,747</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 7/38 7H04Q 7/30</b> [25] EN [54] <b>METHOD AND SYSTEM FOR MOBILE COMMUNICATIONS R</b> [54] <b>PROCEDE ET SYSTEME POUR TELECOMMUNICATIONS MOBILES</b> [72] MANNINEN, MATTI, FI [72] WESBY, PHILIP, FI [72] ESSER, ALEXANDER, FI [72] MULTIMAKI, HANNU, FI [71] NOKIA NETWORKS OY, FI [85] 2001-04-09 [86] 1999-10-21 (PCT/FI99/00876) [87] 2000-04-27 (WO00/24206) [30] FI (982280) 1998-10-21</p>	<p style="text-align: right;">[21] <b>2,346,751</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D21D 5/16</b> [25] EN [54] <b>SCREEN AND METHOD FOR MANUFACTURING A REINFORCEMENT ELEMENT FOR A SCREEN PLATE</b> [54] <b>ECRAN ET PROCEDE DE FABRICATION D'UN ELEMENT DE RENFORT POUR UNE TOLE DE CRIBLAGE</b> [72] JURVANEN, JARI, FI [71] CAE SCREENPLATES OY, FI [85] 2001-04-09 [86] 1998-10-14 (PCT/FI98/00796) [87] 2000-04-20 (WO00/22228)</p>
<p style="text-align: right;">[21] <b>2,346,749</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B23K 20/227 7B23K 35/00 7B32B 15/01</b> [25] EN [54] <b>METHOD OF PRODUCING METAL COMPOSITES WHICH CAN BE PROCESSED AT HIGH TEMPERATURES</b> [54] <b>PROCEDE DE PRODUCTION DE COMPOSITES METALLIQUES QUI PEUVENT ETRE TRAITES A DES HAUTES TEMPERATURES</b> [72] HARDWICK, ROY, GB [71] SIGMABOND TECHNOLOGIES CORPORATION, CA [85] 2001-04-09 [86] 1999-10-22 (PCT/CA99/00980) [87] 2000-05-04 (WO00/24542) [30] GB (9823267.1) 1998-10-24</p>	<p style="text-align: right;">[21] <b>2,346,752</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01M 4/58</b> [25] EN [54] <b>CARBON MATERIAL FOR BATTERY AND BATTERY CONTAINING THE CARBON MATERIAL</b> [54] <b>MATIERE CARBONEE POUR CELLULE ET CELLULE LA CONTENANT</b> [72] SOTOWA, CHIAKI, JP [72] NISHIMURA, KUNIO, JP [72] SUDO, AKINORI, JP [71] SHOWA DENKO K.K., JP [85] 2001-04-09 [86] 1999-10-12 (PCT/JP99/05614) [87] 2000-04-20 (WO00/22687) [30] JP (10/287397) 1998-10-09 [30] US (60/121,436) 1999-02-23</p>	



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[21] **2,346,754**  
[13] A1

[51] **Int.Cl. 7F02M 35/10**  
[25] EN  
[54] **AIR-ROUTING SYSTEM, ESPECIALLY A SUCTION SYSTEM OF AN INTERNAL COMBUSTION ENGINE**  
[54] **SYSTEME D'ADMISSION D'AIR, NOTAMMENT SYSTEME D'ASPIRATION POUR MOTEUR A COMBUSTION**  
[72] REHMANN, ACHIM, DE  
[72] BLOSSEY, WERNER, DE  
[72] HIELSCHER, HANS-PETER, DE  
[72] PIETROWSKI, HERBERT, DE  
[72] BAUMANN, CHRISTOF, DE  
[72] SCHOLL, HANS-PETER, DE  
[72] JESSBERGER, THOMAS, DE  
[71] FILTERWERK MANN & HUMMEL GMBH, DE  
[85] 2001-04-09  
[86] 1999-09-17 (PCT/EP99/06894)  
[87] 2000-04-20 (WO00/22293)  
[30] DE (198 46 281.6) 1998-10-08

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[21] **2,346,755**  
[13] A1

[51] **Int.Cl. 7C08J 5/18 7C08L 77/00**  
[25] EN  
[54] **EASILY HEAT SEALABLE NYLON FILM**  
[54] **FILM DE NYLON FACILEMENT THERMOSCELLABLE**  
[72] NORONHA, NATASHA, CA  
[72] LUTTEROTTI, MARIO, CA  
[72] VOGT, OLIVER HAROLD, CA  
[71] DUPONT CANADA INC., CA  
[85] 2001-04-09  
[86] 1999-08-10 (PCT/CA99/00738)  
[87] 2000-04-20 (WO00/22031)  
[30] US (60/103,835) 1998-10-09

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[21] **2,346,756**  
[13] A1

[51] **Int.Cl. 6G05B 15/02**  
[25] EN  
[54] **AIRCRAFT DATA MANAGEMENT SYSTEM**  
[54] **SYSTEME DE GESTION DE DONNEES DANS UN AVION**  
[72] ARMSTRONG, GREGG, D., US  
[72] GALIPEAU, STEVEN R., US  
[72] SPEARS, GARRETT R., US  
[72] GRAY, KENNETH L., US  
[72] PEABODY, MARK A., US  
[72] BRISKI, RORY G., US  
[72] MOWRY, MICHAEL M., US  
[72] WADE, JOHN G., US  
[72] BURGESS, CRAIG L., US  
[71] PRIMEX AEROSPACE COMPANY, US  
[85] 2001-04-09  
[86] 1999-10-07 (PCT/US99/23359)  
[87] 2000-04-20 (WO00/22488)  
[30] US (60/103,823) 1998-10-09  
[30] US (09/411,036) 1999-10-04

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[21] **2,346,804**  
[13] A1

[51] **Int.Cl. 7B32B 5/32**  
[25] EN  
[54] **THERMOFORMABLE MULTI-LAYER POLYPROPYLENE FOAM SHEET**  
[54] **FEUILLE DE MOUSSE POLYPROPYLENE, MULTICOUCHE, THERMOFORMABLE**  
[72] DI CESARE, GREGORIO, IT  
[72] COLNAGHI, RENATO, IT  
[71] CRYOVAC, INC., US  
[85] 2001-04-09  
[86] 1999-10-04 (PCT/EP99/07338)  
[87] 2000-04-27 (WO00/23270)  
[30] EP (98119685.0) 1998-10-19

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[21] **2,346,806**  
[13] A1

[51] **Int.Cl. 7C08G 18/42 7C08G 63/189 7C08G 63/88**  
[25] EN  
[54] **POLYETHYLENE NAPHTHALATE POLYESTER POLYOL AND RIGID POLYURETHANE FOAMS OBTAINED THEREFROM**  
[54] **POLYESTER POLYOL DE POLYETHYLENE NAPHTALATE ET MOUSSES RIGIDES DE POLYURETHANE OBTENUES A L'AIDE DE CETTE SUBSTANCE**  
[72] BONAPERSONA, VITTORIO, CH  
[71] HUNTSMAN INTERNATIONAL LLC, US  
[85] 2001-04-09  
[86] 1999-10-07 (PCT/EP99/07520)  
[87] 2000-05-18 (WO00/27899)  
[30] EP (98121285.5) 1998-11-09

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[21] **2,346,807**  
[13] A1

[51] **Int.Cl. 7G02B 6/38**  
[25] EN  
[54] **CONNECTOR SYSTEM FOR FIBRE OPTIC MALE CONTACTS**  
[54] **SYSTEME DE CONNEXEUR POUR CONTACTS MALES DE FIBRES OPTIQUES**  
[72] DIXON, TREVOR JAMES, GB  
[71] INTERLEMO HOLDING S.A., CH  
[85] 2001-04-09  
[86] 1999-09-01 (PCT/EP99/06405)  
[87] 2000-04-20 (WO00/22469)  
[30] EP (98119250.3) 1998-10-13

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[21] **2,346,808**  
[13] A1

[51] **Int.Cl. 7C10G 45/02 7C10G 49/00 7C10G 67/04 7C10G 49/22**  
[25] EN  
[54] **INTEGRATION OF SOLVENT DEASPHALTING, GASIFICATION, AND HYDROTREATING**  
[54] **INTEGRATION DE DESASPHALTAGE, DE GAZEIFICATION ET D'HYDROTRAITEMENT PAR SOLVANT**  
[72] WALLACE, PAUL S., US  
[72] JOHNSON, KAY A., US  
[71] TEXACO DEVELOPMENT CORPORATION, US  
[85] 2001-04-09  
[86] 2000-01-11 (PCT/US00/00627)  
[87] 2000-07-20 (WO00/42123)  
[30] US (60/115,418) 1999-01-11

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,346,810</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B60N 2/12</b> [25] EN [54] <b>EASY ACCESS SEAT ASSEMBLY WITH FULL MEMORY</b> [54] <b>ENSEMBLE SIEGE D'ACCES AISE DOTE D'UNE MEMOIRE TOTALE</b> [72] TAME, OMAR D., US [71] MAGNA SEATING SYSTEMS INC., CA [85] 2001-04-09 [86] 1999-10-29 (PCT/CA99/01001) [87] 2000-05-11 (WO00/26056) [30] US (60/106,916) 1998-11-03</p>	<p style="text-align: right;">[21] <b>2,346,813</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/00</b> [25] EN [54] <b>METHOD AND COMPOSITION FOR TREATING AND PREVENTING TUBERCULOSIS</b> [54] <b>METHODE ET COMPOSITION DE TRAITEMENT ET DE PREVENTION DE LA TUBERCULOSE</b> [72] XU, ZE-QI, US [72] FLAVIN, MICHAEL, US [72] LIN, YUH-MEEI, US [71] SARAWAK MEDICHEM PHARMACEUTICALS INCORPORATED, US [85] 2001-04-09 [86] 1999-10-14 (PCT/US99/23689) [87] 2000-04-20 (WO00/21514) [30] US (60/104,409) 1998-10-15</p>	<p style="text-align: right;">[21] <b>2,346,826</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B29C 70/06 7B32B 31/00 7B29C 35/02 7B63H 9/06 7B29B 15/10 7B32B 27/12</b> [25] EN [54] <b>COMPOSITE PRODUCTS, METHODS AND APPARATUS</b> [54] <b>PRODUITS COMPOSITES, PROCEDES ET SYSTEME ASSOCIES</b> [72] CHAPUIS, LAURENT, CH [72] BRUEGGER, MARC A., CH [72] BAUDET, JEAN-PIERRE, US [72] AINLAY, THOMAS M., US [71] TENSILE COMPOSITE RESEARCH, LI [85] 2001-04-10 [86] 1999-10-12 (PCT/IB99/01770) [87] 2000-04-27 (WO00/23320) [30] US (09/173,917) 1998-10-16</p>
<p style="text-align: right;">[21] <b>2,346,811</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01N 21/63 6A61B 5/00 6G01N 33/00 6G01L 7/08 6G01N 33/553</b> [25] EN [54] <b>SENSOR CAPSULE FOR CO2 SENSOR</b> [54] <b>CAPSULE DE CAPTEUR DE CO2</b> [72] SPOKANE, ROBERT B., US [72] LUSSIER, JAMIE N., US [72] CORDONNIER, MICHAEL J., US [72] WU, H. PING, US [71] YELLOW SPRINGS OPTICAL SENSOR CO. PLL., US [85] 2001-04-09 [86] 1999-10-29 (PCT/US99/25506) [87] 2000-05-11 (WO00/26655) [30] US (60/106,528) 1998-10-31</p>	<p style="text-align: right;">[21] <b>2,346,824</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E21B 35/00</b> [25] EN [54] <b>EXPLOSION PREVENTION SYSTEM FOR INTERNAL TURRET MOORING SYSTEM</b> [54] <b>SYSTEME ANTI-EXPLOSION DESTINE A UN SYSTEME D'ANCRAGE DE TOURELLES INTERNES</b> [72] WITTEN, LLOYD D., US [72] YOUNG, JARRELL H., US [72] CORDER, RICHARD M., US [72] JONES, DAVID A., US [72] HOWELL, GORDON B., US [72] NANDI, ASIS, US [71] FMC CORPORATION, US [85] 2001-04-10 [86] 2000-03-03 (PCT/US00/05877) [87] 2000-09-08 (WO00/52293) [30] US (60/122,630) 1999-03-03</p>	<p style="text-align: right;">[21] <b>2,346,827</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 45/85 6C07C 29/141 6C07C 47/19 6B01J 31/40 6C07C 45/58 6C07C 45/79</b> [25] EN [54] <b>PROCESS FOR REMOVING A COBALT OR RHODIUM CARBONYL COMPOUND FROM AN AQUEOUS 3-HYDROXYPROPANAL SOLUTION</b> [54] <b>PROCEDE PERMETTANT D'ELIMINER UN COMPOSE COBALT-CARBONYLE OU RHODIUM CARBONYLE D'UNE SOLUTION AQUEUSE DE 3-HYDROXYPROPANAL</b> [72] MULLIN, STEPHEN BLAKE, US [72] BLACKBOURN, ROBERT LAWRENCE, US [72] WEIDER, PAUL RICHARD, US [72] POWELL, JOSEPH BROUN, US [71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL [85] 2001-04-10 [86] 1998-10-12 (PCT/EP98/06649) [87] 2000-04-20 (WO00/21914)</p>
<p style="text-align: right;">[21] <b>2,346,812</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F01P 9/04 6F01P 7/10</b> [25] EN [54] <b>FAN SHROUD AND AIR INTAKE ARRANGEMENT</b> [54] <b>CARENAGE DE VENTILATEUR ET DISPOSITIF D'ENTREE D'AIR</b> [72] PLANT, WILLIAM DAVID, US [71] MCCORD WINN TEXTRON INC., US [85] 2001-04-09 [86] 1999-09-23 (PCT/US99/22112) [87] 2000-04-27 (WO00/23696) [30] US (09/177,458) 1998-10-22</p>	<p style="text-align: right;">[21] <b>2,346,825</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61M 1/36</b> [25] EN [54] <b>METHOD FOR PRODUCTION OF STROMA-FREE HEMOGLOBIN</b> [54] <b>PROCEDE DE PRODUCTION D'HEMOGLOBINE EXEMPTTE DE STROMA</b> [72] VANDEGRIFF, KIM D., US [72] WINSLOW, ROBERT M., US [71] SANGART, INC., US [85] 2001-04-10 [86] 1999-10-15 (PCT/US99/24149) [87] 2000-04-20 (WO00/21591) [30] US (60/104,319) 1998-10-15 [30] US (60/122,180) 1999-03-01</p>	<p style="text-align: right;">[21] <b>2,346,828</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C09D 17/00 7C08G 18/62</b> [25] EN [54] <b>COATING COMPOSITION</b> [54] <b>COMPOSITION DE REVETEMENT</b> [72] CASPER, JAMES WILLIAM, GB [71] PPG INDUSTRIES OHIO, INC., US [85] 2001-04-10 [86] 1999-12-23 (PCT/GB99/04375) [87] 2000-07-06 (WO00/39228) [30] GB (9828443.3) 1998-12-24</p>

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[21] **2,346,829**  
[13] A1

[51] **Int.Cl. 7C08G 18/42 7C09D 175/06 7C08G 18/76**  
[25] EN  
[54] **COATING COMPOSITION**  
[54] **COMPOSITION DE REVETEMENT**  
[72] FENN, DAVID ROBERT, GB  
[72] LAM, PETER KWOK HING, DK  
[71] PPG INDUSTRIES OHIO, INC., US  
[85] 2001-04-10  
[86] 1999-12-23 (PCT/GB99/04424)  
[87] 2000-07-06 (WO00/39180)  
[30] GB (9828445.8) 1998-12-24

[21] **2,346,833**  
[13] A1

[51] **Int.Cl. 7B05C 17/005**  
[25] EN  
[54] **CONTROL SYSTEM FOR GLUE GUN**  
[54] **DOSEUR POUR PISTOLET A COLLE**  
[72] LASKO, BERNARD C., US  
[71] LASKO, BERNARD C., US  
[85] 2001-04-10  
[86] 1999-10-15 (PCT/US99/24391)  
[87] 2000-04-20 (WO00/21686)  
[30] US (60/104,365) 1998-10-15

[21] **2,346,842**  
[13] A1

[51] **Int.Cl. 7F17C 3/04 7F17C 3/06**  
[25] EN  
[54] **STORAGE INSTALLATION FOR LIQUIFIED GASES**  
[54] **INSTALLATION DE STOCKAGE DE GAZ LIQUIFIES**  
[72] HAUG, SVEIN M., NO  
[71] NORCONSULT AS, NO  
[85] 2001-04-10  
[86] 1999-10-08 (PCT/NO99/00307)  
[87] 2000-05-04 (WO00/25059)  
[30] NO (19984763) 1998-10-12  
[30] NO (19985502) 1998-11-25

[21] **2,346,830**  
[13] A1

[51] **Int.Cl. 7H03M 13/29 7H03M 13/27**  
[25] EN  
[54] **HYBRID INTERLEAVER FOR TURBO CODES**  
[54] **DISPOSITIF D'IMBRICATION HYBRIDE POUR TURBO-CODES**  
[72] SHIN, SUNG-HYUK, US  
[71] INTERDIGITAL TECHNOLOGY CORPORATION, US  
[85] 2001-04-10  
[86] 1999-10-12 (PCT/US99/24066)  
[87] 2000-04-20 (WO00/22739)  
[30] US (60/104,040) 1998-10-13  
[30] US (60/112,318) 1998-12-14

[21] **2,346,840**  
[13] A1

[51] **Int.Cl. 7H05B 41/24 7H05B 37/02 7H02J 9/02**  
[25] EN  
[54] **BALLAST CIRCUIT WITH INDEPENDENT LAMP CONTROL**  
[54] **CIRCUIT DE BALLAST AVEC COMMANDE DE LAMPE INDEPENDANTE**  
[72] MOISIN, MIHAIL S., US  
[71] ELECTRO-MAG INTERNATIONAL, INC., US  
[85] 2001-04-10  
[86] 1999-10-08 (PCT/US99/23402)  
[87] 2000-04-27 (WO00/24231)  
[30] US (09/173,977) 1998-10-16  
[30] US (09/390,073) 1999-09-03

[21] **2,346,843**  
[13] A1

[51] **Int.Cl. 7A23L 1/212 7A23L 2/02**  
[25] EN  
[54] **GREEN VEGETABLE PUREES, PROCESS FOR PRODUCING THE SAME AND FOODS CONTAINING THE PUREES**  
[54] **PUREES DE LEGUMES VERTS, PROCEDE DE FABRICATION ET ALIMENTS A BASE DE CES PUREES**  
[72] YAMAMOTO, KEIKO, JP  
[72] SUWA, MAKOTO, JP  
[71] SUNSTAR INC., JP  
[85] 2001-04-10  
[86] 1999-10-15 (PCT/JP99/05717)  
[87] 2000-04-27 (WO00/22941)  
[30] JP (10/295767) 1998-10-16

[21] **2,346,832**  
[13] A1

[51] **Int.Cl. 7H01Q 1/12 7H04B 17/00**  
[25] EN  
[54] **AN ANTENNA ALIGNMENT METER**  
[54] **DISPOSITIF DE MESURE D'ALIGNEMENT D'ANTENNE**  
[72] HOLLIDAY, DAVID, GB  
[71] BRITISH SKY BROADCASTING LIMITED, GB  
[85] 2001-04-10  
[86] 1999-10-14 (PCT/GB99/03418)  
[87] 2000-04-27 (WO00/24083)  
[30] GB (9822678.0) 1998-10-16

[21] **2,346,841**  
[13] A1

[51] **Int.Cl. 7A61F 2/24**  
[25] EN  
[54] **CARDIOVASCULAR COMPONENTS FOR TRANSPLANTATION AND METHODS OF MAKING THEREOF**  
[54] **COMPOSANTS CARDIOVASCULAIRES DE TRANSPLANTATION ET LEURS PROCEDES DE FABRICATION**  
[72] BELL, EUGENE, US  
[71] TISSUE ENGINEERING, INC., US  
[85] 2001-04-10  
[86] 1999-10-19 (PCT/US99/24354)  
[87] 2000-04-27 (WO00/23008)  
[30] US (60/105,031) 1998-10-20

[21] **2,346,854**  
[13] A1

[51] **Int.Cl. 7C08K 7/00 7B01J 2/20**  
[25] EN  
[54] **ADDITIVES FOR PROCESSING PLASTICS**  
[54] **ADDITIFS POUR LA MISE EN OEUVRE DES MATIERES PLASTIQUES**  
[72] SEITER, WOLFGANG, DE  
[72] DAUTE, PETER, DE  
[72] WEDL, PETER, DE  
[72] KLAMANN, JORG-DIETER, DE  
[71] COGNIS DEUTSCHLAND GMBH, DE  
[85] 2001-04-10  
[86] 1999-10-01 (PCT/EP99/07274)  
[87] 2000-04-20 (WO00/22038)  
[30] DE (198 46 774.5) 1998-10-10

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,346,855</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 19/00 7G06F 12/14 7G06F 17/30</b> [25] EN [54] <b>A COMMUNICATIONS NETWORK ACCESS METHOD AND SYSTEM</b> [54] <b>PROCEDE ET DISPOSITIF D'ACCES A UN RESEAU DE COMMUNICATION</b> [72] YANDELL, PETER, AU [72] LOW, SYDNEY GORDON, AU [71] SHARINGA NETWORKS INC., US [85] 2001-04-10 [86] 2000-05-05 (PCT/AU00/00418) [87] 2000-11-16 (WO00/68862) [30] AU (PQ 0213) 1999-05-06 [30] AU (PQ 3682) 1999-10-27</p>	<p style="text-align: right;">[21] <b>2,346,857</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61L 31/14 7A61L 31/02 7A61L 31/16</b> [25] EN [54] <b>IMPLANT WITH CAVITIES CONTAINING THERAPEUTIC AGENTS</b> [54] <b>IMPLANT POURVU DE CAVITES CONTENANT DES AGENTS THERAPEUTIQUES</b> [72] FISCHER, ALFONS, DE [72] BRANDAU, WOLFGANG, DE [72] SAWITOWSKI, THOMAS, DE [72] SCHMID, GUNTER, DE [71] ALCOVE SURFACES GMBH, DE [85] 2001-04-10 [86] 1999-11-02 (PCT/EP99/08346) [87] 2000-05-11 (WO00/25841) [30] DE (198 50 352.0) 1998-11-02 [30] DE (198 55 421.4) 1998-12-01 [30] DE (199 07 006.7) 1999-02-18 [30] DE (199 10 188.4) 1999-03-09</p>	<p style="text-align: right;">[21] <b>2,346,860</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B01L 3/00 7B01D 61/18 7B65B 7/28 7B65D 1/34</b> [25] EN [54] <b>MULTI-WELL MICROFILTRATION APPARATUS</b> [54] <b>APPAREIL DE MICROFILTRATION A PLUSIEURS PUITES</b> [72] MADDEN, ALFRED P., US [72] REED, MARK T., US [72] OLDHAM, MARK F., US [72] HOSHIZAKI, JON, US [72] JACKSON, JOSEPH, US [72] BODNER, KEVIN S., US [72] MORING, STEPHEN E., US [72] HALSEY, JASON H., US [71] PE CORPORATION (NY), US [85] 2001-04-10 [86] 1999-10-28 (PCT/US99/25579) [87] 2000-05-11 (WO00/25922) [30] US (09/182,946) 1998-10-29</p>
<p style="text-align: right;">[21] <b>2,346,856</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01P 1/18</b> [25] EN [54] <b>VOLTAGE TUNABLE VARACTORS AND TUNABLE DEVICES INCLUDING SUCH VARACTORS</b> [54] <b>VARACTOR REGLABLE EN TENSION ET DISPOSITIFS ACCORDABLES COMPRENANT CES VARACTORS</b> [72] STOWELL, STEVEN C., US [72] KOZYREV, ANDREY, RU [72] SENGUPTA, SOMNATH, US [72] ZHANG, XUBAI, US [72] CHIU, LUNA H., US [72] ZHU, YONGFEI, US [72] SENGUPTA, LOUISE, US [71] PARATEK MICROWAVE, INC., US [85] 2001-04-10 [86] 1999-10-15 (PCT/US99/24161) [87] 2000-04-27 (WO00/24079) [30] US (60/104,504) 1998-10-16</p>	<p style="text-align: right;">[21] <b>2,346,858</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F16K 25/00 7F16K 51/02</b> [25] EN [54] <b>METHOD FOR FORMING A SEAT IN A PULSED SAMPLING VALVE</b> [54] <b>PROCEDE PERMETTANT DE FORMER UN SIEGE DANS UNE VANNE D'ECHANTILLONNAGE PULSE</b> [72] SCHUBERT, W. PETER, US [72] LITTLEJOHN, DUANE P., US [71] SIEMENS APPLIED AUTOMATION, INC., US [85] 2001-04-10 [86] 1999-10-13 (PCT/US99/21629) [87] 2000-04-27 (WO00/23736) [30] US (09/173,889) 1998-10-16</p>	<p style="text-align: right;">[21] <b>2,346,861</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 7/20 7H04Q 7/22</b> [25] EN [54] <b>SELECTIVELY DELAYING DATA COMMUNICATIONS IN A WIRELESS COMMUNICATION SYSTEM TO PROVIDE VOICE COMMUNICATIONS CAPACITY</b> [54] <b>TEMPORISATION SELECTIVE DE COMMUNICATIONS DE DONNEES DANS UN SYSTEME DE COMMUNICATION SANS FIL AFIN DE FOURNIR UNE CAPACITE DE COMMUNICATIONS PHONIE</b> [72] DAS, SAJAL, US [72] BASU, KALYAN K., US [72] JAWANDA, JASTINDER, US [72] KAKANI, NAVEEN K., US [72] SEN, SANJOY K., US [72] GIRIDHARAGOPAL, GIRI, US [71] NORTEL NETWORKS LIMITED, CA [85] 2001-04-10 [86] 1999-10-12 (PCT/US99/23742) [87] 2000-04-20 (WO00/22694) [30] US (09/170,843) 1998-10-13</p>
	<p style="text-align: right;">[21] <b>2,346,859</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A24F 19/00 7A24F 19/14</b> [25] EN [54] <b>PORTABLE RECEPACLE FOR EXTINGUISHING AND STORING CIGARETTE ENDS</b> [54] <b>RECEPACLE PORTABLE D'EXTINCTION ET DE STOCKAGE DE MEGOTS DE CIGARETTES</b> [72] ROGARIS, PANAYIOTIS, GR [72] ROGARI, GEORGIA, GR [71] ROGARIS, PANAYIOTIS, GR [71] ROGARI, GEORGIA, GR [85] 2001-04-10 [86] 1999-10-19 (PCT/GR99/00041) [87] 2000-04-27 (WO00/22947) [30] GR (980100388) 1998-10-20</p>	

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[21] **2,346,862**  
[13] A1  
[51] **Int.Cl. 7C08L 57/04 7C08J 3/075 7C08K 9/12 7B01J 20/28 7A61K 31/785**  
[25] EN  
[54] **ANIONIC-CATIONIC POLYION COMPLEXES COMPRISING ZWITTERIONIC MONOMER COMPONENT**  
[54] **COMPLEXES DE POLYIONS ANIONIQUES-CATIONIQUES COMPRENANT UN COMPOSANT MONOMERE ZWITTERIONIQUE**  
[72] COURT, JANE LOUISE, GB  
[72] LEWIS, ANDREW LENNARD, GB  
[72] STRATFORD, PETER WILLIAM, GB  
[71] BIOCOMPATIBLES LIMITED, GB  
[85] 2001-04-10  
[86] 1999-11-12 (PCT/GB99/03787)  
[87] 2000-05-25 (WO00/29481)  
[30] EP (98309345.1) 1998-11-13

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[21] **2,346,863**  
[13] A1  
[51] **Int.Cl. 7A61F 2/06 7A61K 49/04 7A61B 17/12**  
[25] EN  
[54] **THERAPEUTIC USE OF POLYMERS**  
[54] **USAGE THERAPEUTIQUE DE POLYMERES**  
[72] COURT, JANE LOUISE, GB  
[72] STRATFORD, PETER WILLIAM, GB  
[72] LEWIS, ANDREW LENNARD, GB  
[71] BIOCOMPATIBLES LIMITED, GB  
[85] 2001-04-10  
[86] 1999-11-12 (PCT/GB99/03796)  
[87] 2000-05-25 (WO00/28920)  
[30] EP (98309334.5) 1998-11-13

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[21] **2,346,886**  
[13] A1  
[51] **Int.Cl. 7H02H 3/16**  
[25] EN  
[54] **GROUND FAULT PROTECTION CIRCUIT**  
[54] **CIRCUIT DE PROTECTION DE FUITE A LA TERRE**  
[72] MOISIN, MIHAIL S., US  
[71] ELECTRO-MAG INTERNATIONAL, INC., US  
[85] 2001-04-11  
[86] 1999-09-28 (PCT/US99/22377)  
[87] 2000-04-27 (WO00/24104)  
[30] US (09/173,981) 1998-10-16

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[21] **2,346,920**  
[13] A1  
[51] **Int.Cl. 7H04M 1/274 7H04M 3/44**  
[25] EN  
[54] **SYSTEM AND METHOD FOR CONTROLLING PERSONAL TELEPHONE NUMBER DIALING LISTS AND DIALING CAPABILITIES**  
[54] **SYSTEME ET PROCEDE PERMETTANT DE GERER DES LISTES D'APPELS DE NUMEROS TELEPHONIQUES PERSONNELS AINSI QUE LES CAPACITES D'APPEL**  
[72] DENNIS, CHARLES L., US  
[71] OPENWAVE TECHNOLOGIES INC., US  
[85] 2001-04-11  
[86] 1999-09-13 (PCT/US99/21080)  
[87] 2000-04-20 (WO00/22800)  
[30] US (09/173,145) 1998-10-15

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[21] **2,346,922**  
[13] A1  
[51] **Int.Cl. 7C02F 1/52 7C02F 1/56**  
[25] EN  
[54] **LANTHANIDE HALIDE WATER TREATMENT COMPOSITIONS AND METHODS**  
[54] **COMPOSITIONS DE TRAITEMENT D'EAU, CONTENANT DES HALOGENURES DE LANTHANIDE, ET PROCEDES ASSOCIES**  
[72] DENKEWICZ, RAYMOND P., JR., US  
[72] GRENIER, JOSEPH W., US  
[72] SOUZA, THERESE, US  
[72] SENDEROV, ERNEST E., US  
[71] ZODIAC POOL CARE, INC., US  
[85] 2001-04-11  
[86] 1999-09-30 (PCT/US99/22697)  
[87] 2000-05-04 (WO00/24680)  
[30] US (09/178,220) 1998-10-23

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[21] **2,346,924**  
[13] A1  
[51] **Int.Cl. 6G06F 9/44**  
[25] EN  
[54] **APPARATUS AND METHOD FOR BUILDING MODELING TOOLS**  
[54] **APPAREIL ET PROCEDE DE CONSTRUCTION D'OUTILS DE MODELISATION**  
[72] DEFFLER, TAD A., US  
[71] COMPUTER ASSOCIATES THINK, INC., US  
[85] 2001-04-11  
[86] 1999-10-15 (PCT/US99/24118)  
[87] 2000-04-27 (WO00/23883)  
[30] US (60/104,682) 1998-10-16

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[21] **2,346,925**  
[13] A1  
[51] **Int.Cl. 6G06F 17/30**  
[25] EN  
[54] **METHOD AND SYSTEM FOR AN EXTENSIBLE MACRO LANGUAGE**  
[54] **PROCEDE ET SYSTEME POUR MACRO-LANGAGE EXTENSIBLE**  
[72] DEFFLER, TAD A., US  
[72] MINTZ, ERIC, US  
[71] COMPUTER ASSOCIATES THINK, INC., US  
[85] 2001-04-11  
[86] 1999-10-15 (PCT/US99/24118)  
[87] 2000-04-27 (WO00/23919)  
[30] US (60/104,682) 1998-10-16

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[21] **2,346,928**  
[13] A1  
[51] **Int.Cl. 6G06F 17/30**  
[25] EN  
[54] **ACCESSING A HIERARCHICAL DATA STORE THROUGH AN SQL INPUT**  
[54] **ACCES A UNE MEMOIRE DE DONNEES HIERARCHIQUE PAR UNE ENTREE SQL**  
[72] BARI, ARKADY, US  
[72] DEFFLER, TAD A., US  
[71] COMPUTER ASSOCIATES THINK, INC., US  
[85] 2001-04-11  
[86] 1999-10-15 (PCT/US99/23876)  
[87] 2000-04-27 (WO00/23917)  
[30] US (60/104,682) 1998-10-16

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[21] **2,346,932**  
[13] A1  
[51] **Int.Cl. 6G08B 13/00 6E06B 7/00 6E05G 1/00 6E05G 5/00 6G08B 13/18 6G08B 13/24**  
[25] EN  
[54] **SECURITY ENTRANCE SYSTEM**  
[54] **SYSTEME D'ENTREE SECURISEE**  
[72] RISI, ALAN J., US  
[71] GEORAL INTERNATIONAL LTD., US  
[85] 2001-04-11  
[86] 1999-02-12 (PCT/US99/03218)  
[87] 2000-04-27 (WO00/23958)  
[30] US (60/104,874) 1998-10-20

## Demandes PCT entrant en phase nationale

<p style="text-align: center;">[21] <b>2,346,934</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 1/00 6A61B 1/303</b> [25] EN [54] <b>EXAMINATION DEVICE</b> [54] <b>DISPOSITIF D'EXAMEN</b> [72] VAN DER WEEGEN, CLEMENS, AU [71] S.S.H. MEDICAL LIMITED, AU [85] 2001-04-11 [86] 1999-10-20 (PCT/AU99/00902) [87] 2000-04-27 (WO00/22974) [30] AU (PP 6626) 1998-10-20</p>	<p style="text-align: center;">[21] <b>2,346,939</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01F 11/30</b> [25] EN [54] <b>CONTENT LIFTING AND REMOVING CONTAINER ASSEMBLY AND METHOD THEREOF</b> [54] <b>ENSEMBLE RECIPIENT A MOYEN DE LEVAGE ET DE RETRAIT DE CONTENU ET PROCEDE ASSOCIE</b> [72] MICHELSON, GARY K., US [72] KITTRELL, WILEY A., US [71] MICHELSON, GARY K., US [85] 2001-04-11 [86] 1999-11-05 (PCT/US99/24005) [87] 2000-05-18 (WO00/28287) [30] US (09/189,754) 1998-11-10</p>	<p style="text-align: center;">[21] <b>2,346,941</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 265/38 7C07C 67/31 7C07C 51/367 7C07C 69/732 7C07C 69/734</b> [25] EN [54] <b>AN IMPROVED PROCESS FOR THE PREPARATION OF NEW ANTIDIABETIC AGENTS</b> [54] <b>TECHNIQUE AMELIOREE DE PREPARATION DE NOUVEAUX AGENTS ANTIDIABETIQUES</b> [72] GADDAM, OM REDDY, IN [72] CHEBIYYAM, PRABHAKAR, IN [72] POTLAPALLY, RAJENDER KUMAR, IN [72] BATCHU, CHANDRA SEKHAR, IN [72] SIRIPRAGADA, MAHENDER RAO, IN [72] MAMILLAPALLI, RAMABHADRA SARMA, IN [71] DR. REDDY'S RESEARCH FOUNDATION, IN [85] 2001-04-11 [86] 1999-04-16 (PCT/IB99/00684) [87] 2000-05-11 (WO00/26200) [30] IN (2431/MAS/98) 1998-10-29 [30] IN (2432/MAS/98) 1998-10-29 [30] IN (2433/MAS/98) 1998-10-29 [30] US (60/127,228) 1999-03-31</p>
<p style="text-align: center;">[21] <b>2,346,936</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B65C 9/00 7B65C 9/02 7B65C 11/06 7B65C 9/24</b> [25] EN [54] <b>METHOD AND APPARATUS FOR APPLYING HEAT TRANSFER LABELS ONTO OBJECTS</b> [54] <b>PROCEDE ET APPAREIL DE TRANSFERT THERMIQUE D'IMAGES SUR DES OBJETS</b> [72] GEURTSSEN, FRIEDRICH H. H., US [71] AVERY DENNISON CORPORATION, US [85] 2001-04-11 [86] 1999-10-19 (PCT/US99/24350) [87] 2000-04-27 (WO00/23330) [30] US (60/104,716) 1998-10-19 [30] US (60/107,589) 1998-11-09</p>	<p style="text-align: center;">[21] <b>2,346,940</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01M 3/20 6C09K 5/04 6G01M 3/22</b> [25] EN [54] <b>COMPOSITION AND METHOD FOR DETECTING LEAKS IN HERMETIC REFRIGERANT SYSTEMS</b> [54] <b>COMPOSITION ET PROCEDE DE DETECTION DE FUTES POUR SYSTEMES DE REFRIGERATION HERMETIQUES</b> [72] WILSON, MONTE BRUCE, AU [71] PROEM PTY LTD., AU [85] 2001-04-11 [86] 1999-10-22 (PCT/AU99/00921) [87] 2000-05-04 (WO00/25104) [30] AU (PP 6711) 1998-10-23</p>	<p style="text-align: center;">[21] <b>2,346,943</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07K 5/12 7A61P 35/00 7A61P 37/00 7A61P 33/02 7C12P 21/04 7A61K 38/12</b> [25] EN [54] <b>CYCLIC TETRAPEPTIDE AND THEIR USE AS HISTONE DEACETYLASE INHIBITOR</b> [54] <b>COMPOSE A BASE DE TETRAPEPTIDE CYCLIQUE ET SON UTILISATION</b> [72] MORI, HIROAKI, JP [72] SAKAMOTO, KAZUTOSHI, JP [72] TSURUMI, YASUHISA, JP [72] HINO, MOTOHIRO, JP [72] TAKASE, SHIGEHIRO, JP [71] FUJISAWA PHARMACEUTICAL CO., LTD., JP [85] 2001-04-11 [86] 1999-10-08 (PCT/JP99/05597) [87] 2000-04-20 (WO00/21979) [30] AU (PP 6469) 1998-10-13 [30] AU (PP 9257) 1999-03-16</p>
<p style="text-align: center;">[21] <b>2,346,938</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H05B 41/39 7H05B 37/02 7G05F 1/12 7H05B 41/392 7H05B 41/40 7G05F 1/652</b> [25] EN [54] <b>BALLAST POWER CONTROL CIRCUIT</b> [54] <b>CIRCUIT DE COMMANDE DE PUISSANCE DE BALLAST</b> [72] MOISIN, MIHAIL S., US [71] ELECTRO-MAG INTERNATIONAL, INC., US [85] 2001-04-11 [86] 1999-09-28 (PCT/US99/22378) [87] 2000-04-20 (WO00/22892) [30] US (09/173,140) 1998-10-15</p>		

## PCT Applications Entering the National Phase

[21] **2,346,944**  
[13] A1

[51] **Int.Cl. 6B05C 5/02**  
[25] EN  
[54] **FLOATING COATING DIE MOUNTING SYSTEM**  
[54] **SYSTEME DE MONTAGE DE MATRICES DE REVETEMENT FLOTTANT**

[72] WAHOSKI, BRUCE J. G., US  
[72] CILISKE, SCOTT L., US  
[72] MAIER, GARY W., US  
[72] ERICKSON, LUTHER E., US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 2001-04-11  
[86] 1999-02-12 (PCT/US99/02987)  
[87] 2000-05-11 (WO00/25935)  
[30] US (09/185,698) 1998-11-04

[21] **2,346,945**  
[13] A1

[51] **Int.Cl. 7C23C 16/04**  
[25] EN  
[54] **POLYCRYSTALLINE DIAMOND MEMBER AND METHOD OF MAKING THE SAME**

[54] **ELEMENT A DIAMANT POLYCRISTALLIN ET PROCEDE DE FABRICATION ASSOCIE**  
[72] OLES, EDWARD J., US  
[71] KENNAMETAL INC., US  
[85] 2001-04-11  
[86] 1999-10-15 (PCT/US99/24267)  
[87] 2000-05-18 (WO00/28106)  
[30] US (09/189,484) 1998-11-10

[21] **2,346,946**  
[13] A1

[51] **Int.Cl. 7D21H 17/20 7D21H 21/16 7D21H 17/26 7D21H 23/26**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR PREPARING DISPERSIONS AND METHODS FOR USING THE DISPERSIONS**

[54] **COMPOSITIONS ET PROCEDES POUR PREPARER DES DISPERSIONS ET PROCEDES POUR UTILISER CES DISPERSIONS**  
[72] VARNELL, DANIEL FELIX, US  
[71] HERCULES INCORPORATED, US  
[85] 2001-04-11  
[86] 1999-10-26 (PCT/US99/25033)  
[87] 2000-05-04 (WO00/24966)  
[30] US (09/184,458) 1998-10-28

[21] **2,346,947**  
[13] A1

[51] **Int.Cl. 7D03D 15/00 7B65H 35/02 7D03J 1/02 7B26D 1/03 7B26D 7/26**  
[25] EN  
[54] **WOVEN FABRIC WITH FLAT FILM WARP YARNS AND APPARATUS FOR FORMING SAME**

[54] **TEXTILE TISSE A FILS DE CHAINE EN FEUILLE PLATE ET APPAREIL POUR LE FORMER**  
[72] WEBER, HAROLD FRANCIS, US  
[72] DUNN, RONALD LEEFATE, US  
[72] WOOD, RAY AUSTIN, US  
[72] FREEMAN, STEVENSON CHRISTOPHER, US  
[72] HASSELL, STEPHEN MICHAEL, US  
[71] SPRINGS INDUSTRIES, INC., US  
[85] 2001-04-11  
[86] 1999-10-04 (PCT/US99/22846)  
[87] 2000-05-11 (WO00/26453)  
[30] US (09/184,487) 1998-11-02

[21] **2,346,949**  
[13] A1

[51] **Int.Cl. 6D06F 18/00**  
[25] EN  
[54] **A METHOD OF WASHING CLOTH WITH OXYGEN-ATOM INSTEAD OF DETERGENT AND A WASHING MACHINE THEREOF**

[54] **PROCEDE DE LAVAGE DE TISSUS UTILISANT UN OXYGENE AU LIEU D'UN DETERGENT ET LAVE-LINGE ASSOCIE**  
[72] LI, ZENGSHUI, CN  
[72] YUAN, SUOLIANG, CN  
[71] YUAN, SUOLIANG, CN  
[85] 2001-04-17  
[86] 1999-10-15 (PCT/CN99/00163)  
[87] 2000-04-27 (WO00/23645)  
[30] CN (98 1 20518.6) 1998-10-16

[21] **2,346,950**  
[13] A1

[51] **Int.Cl. 6B26D 7/18 6B21D 45/08**  
[25] EN  
[54] **PUNCH GUIDE ASSEMBLY**  
[54] **ENSEMBLE DE GUIDAGE POUR DISPOSITIF DE POINCONNAGE**

[72] SCHNEIDER, JOSEPH CHARLES, US  
[72] BERRY, DAVID A., US  
[71] MATE PRECISION TOOLING INC., US  
[85] 2001-04-12  
[86] 1999-08-03 (PCT/US99/17517)  
[87] 2000-02-24 (WO00/09301)  
[30] US (09/135,358) 1998-08-17

[21] **2,346,953**  
[13] A1

[51] **Int.Cl. 7C09D 5/44**  
[25] EN  
[54] **CLEAR CATHODIC ELECTROCOATING COMPOSITIONS**  
[54] **COMPOSITIONS CLAIRES POUR REVETEMENT ELECTROLYTIQUE CATHODIQUE**

[72] CHUNG, DING-YU, US  
[72] LIU, YUEHUA, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2001-04-17  
[86] 1999-12-02 (PCT/US99/28464)  
[87] 2000-06-15 (WO00/34399)  
[30] US (09/208,208) 1998-12-09

[21] **2,346,956**  
[13] A1

[51] **Int.Cl. 7G07F 7/08 7G07D 7/00**  
[25] EN

[54] **VERIFICATION METHOD**  
[54] **PROCEDE DE VERIFICATION**  
[72] ELLIOTT, NICHOLAS PAUL, GB  
[72] ELLIOTT, DAVID WILLIAM, GB  
[71] ELLIOTT, DAVID WILLIAM, GB  
[71] ELLIOTT, NICHOLAS PAUL, GB  
[85] 2001-04-17  
[86] 1999-10-11 (PCT/GB99/03377)  
[87] 2000-04-27 (WO00/23954)  
[30] GB (9822626.9) 1998-10-17

[21] **2,346,957**  
[13] A1

[51] **Int.Cl. 7B22F 1/00**  
[25] EN  
[54] **LOW OXYGEN REFRACTORY METAL POWDER FOR POWDER METALLURGY**

[54] **POUDRE DE METAL REFRACTAIRE A FAIBLE TENEUR EN OXYGENE DESTINEE A LA METALLURGIE DES POWDRES**  
[72] KUMAR, PRABHAT, US  
[71] H.C. STARCK, INC., US  
[85] 2001-04-17  
[86] 2000-08-18 (PCT/US00/22902)  
[87] 2001-02-22 (WO01/12364)  
[30] US (09/377,077) 1999-08-19

## Demandes PCT entrant en phase nationale

[21] **2,346,963**  
[13] A1

[51] **Int.Cl. 7C09D 5/46 7C09D 167/02**  
[25] EN  
[54] **THERMOSETTING POWDER COATING SYSTEMS**  
[54] **SYSTEMES THERMODURCISSABLES DE REVETEMENTS EN POUDRE**  
[72] REICH, GERHARD, AT  
[71] TIGERWERK LACK-U. FARBENFABRIK GMBH & CO.KG, AT  
[85] 2001-04-17  
[86] 1999-10-12 (PCT/AT99/00243)  
[87] 2000-04-27 (WO00/23530)  
[30] AT (A 1726/98) 1998-10-15  
[30] AT (A 2054/98) 1998-12-07

[21] **2,346,966**  
[13] A1

[51] **Int.Cl. 6F17C 3/10 6F17C 7/04**  
[25] EN  
[54] **REFRIGERATION PROCESS FOR LIQUEFACTION OF NATURAL GAS**  
[54] **PROCEDE DE REFRIGERATION DESTINE A LA LIQUEFACTION DE GAZ NATUREL**  
[72] KIMBLE, E. LAWRENCE III, US  
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US  
[85] 2001-04-17  
[86] 1999-10-22 (PCT/US99/24724)  
[87] 2000-05-04 (WO00/25060)  
[30] US (60/105,462) 1998-10-23

[21] **2,346,971**  
[13] A1

[51] **Int.Cl. 6A61B 5/00**  
[25] EN  
[54] **MULTI-CHANNEL NON-INVASIVE TISSUE OXIMETER**  
[54] **OXIMETRE TISSULAIRE NON VULNERANT MULTICANAUX**  
[72] SCHEUING, RICHARD S., US  
[72] BARRETT, BRUCE J., US  
[72] GONOPOLSKIY, OLEG, US  
[71] SOMANETICS CORPORATION, US  
[85] 2001-04-17  
[86] 1999-10-13 (PCT/US99/22940)  
[87] 2000-04-20 (WO00/21435)  
[30] US (60/103,985) 1998-10-13

[21] **2,346,973**  
[13] A1

[51] **Int.Cl. 7H04Q 11/00 7H04J 14/02**  
[25] EN  
[54] **HYBRID OPTICAL ADD/DROP MULTIPLEXING DEVICES**  
[54] **MULTIPLIXEURS OPTIQUES HYBRIDES A INSERTION-EXTRACTION**  
[72] HALLOCK, ROBERT, US  
[72] SCOBAY, MICHAEL, US  
[71] OPTICAL COATING LABORATORY, INC., US  
[85] 2001-04-17  
[86] 2000-08-23 (PCT/US00/23146)  
[87] 2001-03-01 (WO01/15484)  
[30] US (60/150,398) 1999-08-23  
[30] US (09/473,479) 1999-12-28  
[30] US (09/511,693) 2000-02-23  
[30] US (09/517,648) 2000-03-03

[21] **2,346,976**  
[13] A1

[51] **Int.Cl. 7C07F 9/38 7A61K 51/08 7A61K 51/10 7C07C 229/16**  
[25] EN  
[54] **CHELATING AGENTS FOR RADIOIMMUNOTHERAPY**  
[54] **AGENTS CHELATANTS POUR RADIOIMMUNOTHERAPIE**  
[72] LOUSSOUARN, ANTHONY, FR  
[72] FAIVRE-CHAUVET, ALAIN, FR  
[72] GESTIN, JEAN-FRANCOIS, FR  
[71] I.N.S.E.R.M. (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR  
[85] 2001-04-17  
[86] 1999-10-22 (PCT/EP99/08031)  
[87] 2000-05-04 (WO00/24751)  
[30] EP (98402648.4) 1998-10-23

[21] **2,346,977**  
[13] A1

[51] **Int.Cl. 7C21B 11/08 7C21B 13/12 7C22B 1/24**  
[25] EN  
[54] **METHOD OF PRODUCING MOLTEN IRON IN DUPLEX FURNACES**  
[54] **PROCEDE DE PRODUCTION DE FER LIQUIDE DANS DES FOURS DUPLEX**  
[72] GRAY, RONALD D., US  
[72] HOFFMAN, GLENN E., US  
[71] MIDREX TECHNOLOGIES, INC., US  
[85] 2001-04-17  
[86] 1999-10-29 (PCT/US99/25591)  
[87] 2000-05-11 (WO00/26420)  
[30] US (60/106,433) 1998-10-30

[21] **2,346,978**  
[13] A1

[51] **Int.Cl. 7A61B 5/12**  
[25] EN  
[54] **TINNITUS MASKER**  
[54] **MASQUE D'ACOUPHENE**  
[72] LENHARDT, MARTIN L., US  
[71] LENHARDT, MARTIN L., US  
[85] 2001-04-17  
[86] 1999-10-14 (PCT/US99/21616)  
[87] 2000-04-20 (WO00/21440)  
[30] US (60/104,233) 1998-10-14

[21] **2,346,979**  
[13] A1

[51] **Int.Cl. 7C11B 1/10 7C12N 9/64**  
[25] EN  
[54] **METHOD OF EXTRACTING LIPIDS FROM MARINE AND AQUATIC ANIMAL TISSUES**  
[54] **PROCEDE D'EXTRACTION DE LIPIDES DES TISSUS D'ANIMAUX MARINS ET AQUATIQUES**  
[72] BEAUDOIN, ADRIEN, CA  
[72] MARTIN, GENEVIEVE, CA  
[71] UNIVERSITE DE SHERBROOKE, CA  
[85] 2001-04-11  
[86] 1999-10-21 (PCT/CA99/00987)  
[87] 2000-04-27 (WO00/23546)  
[30] CA (2,251,265) 1998-10-21

[21] **2,346,980**  
[13] A1

[51] **Int.Cl. 7F41H 5/04**  
[25] EN  
[54] **HYBRID PROTECTIVE COMPOSITE**  
[54] **COMPOSITE HYBRIDE PROTECTEUR**  
[72] CHIOU, MINSHON J., US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2001-04-17  
[86] 1999-08-10 (PCT/US99/17937)  
[87] 2000-06-29 (WO00/37876)  
[30] US (09/217,360) 1998-12-21



## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,346,981</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G02B 5/10 6G02B 7/185</b> [25] EN [54] <b>IMPROVED CURVED MIRROR</b> [54] <b>MIROIR INCURVE AMELIORE</b> [72] DOLBY, ROBERT IAN, AU [72] BENNETT, ALASTAIR WILLIAM, NZ [71] BENNETT MIRROR &amp; GLASS CO. LIMITED, NZ [85] 2001-04-17 [86] 1999-10-12 (PCT/NZ99/00170) [87] 2000-04-20 (WO00/22462) [30] NZ (332336) 1998-10-13</p>	<p style="text-align: right;">[21] <b>2,346,984</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B44C 1/17 7D06Q 1/12</b> [25] EN [54] <b>SCREEN PRINT REFLECTION TRANSFER AND PROCESS FOR THE MANUFACTURE THEREOF</b> [54] <b>TRANSFERT PAR REFLEXION SERIGRAPHIQUE ET SON PROCEDE DE PRODUCTION</b> [72] KAUFMAN, HARALD, DE [71] KAUFMAN, HARALD, DE [85] 2001-04-11 [86] 1999-10-22 (PCT/EP99/08036) [87] 2000-05-04 (WO00/24594) [30] DE (198 48 863.7) 1998-10-23 [30] DE (199 15 713.8) 1999-04-08</p>	<p style="text-align: right;">[21] <b>2,346,987</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F21V 8/00</b> [25] EN [54] <b>CONCENTRATING AND COLLECTING OPTICAL SYSTEM USING CONCAVE TOROIDAL REFLECTORS</b> [54] <b>SYSTEME OPTIQUE DE CONCENTRATION ET DE COLLECTE DANS LEQUEL DES REFLECTEURS TOROIDAUX ET CONCAVES SONT UTILISES</b> [72] THOMAS, MICHAEL, US [72] FISCHER, ROBERT, US [72] BRENNER, DOUGLAS M., US [72] PICCIONI, ROBERT L., US [72] STROBL, KARLHEINZ, US [72] BAKER, GLENN, US [71] COGENT LIGHT TECHNOLOGIES, INC., US [85] 2001-04-11 [86] 1999-09-27 (PCT/US99/22272) [87] 2000-04-20 (WO00/22344) [30] US (09/170,036) 1998-10-13</p>
<p style="text-align: right;">[21] <b>2,346,982</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61F 9/01</b> [25] EN [54] <b>METHOD AND DEVICE FOR COMPLETELY CORRECTING VISUAL DEFECTS OF THE HUMAN EYE</b> [54] <b>PROCEDE ET DISPOSITIF PERMETTANT DE CORRIGER COMPLETEMENT DES DEFAUTS VISUELS DE L'OEIL HUMAIN</b> [72] SCHRODER, ECKHARD, DE [72] FIEDLER, JOACHIM, DE [72] MAUSEZAHN, HOLGER, DE [72] DICK, MANFRED, DE [72] MOLEBNY, VASYL, UA [71] ASCLEPION MEDITEC AG, DE [85] 2001-04-11 [86] 2000-08-11 (PCT/EP00/07822) [87] 2001-02-22 (WO01/12114) [30] DE (199 38 203.4) 1999-08-11 [30] DE (100 24 080.1) 2000-05-17</p>	<p style="text-align: right;">[21] <b>2,346,985</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 17/60</b> [25] EN [54] <b>VEHICLE-BASED ORDER ENTRY AND PROCESSING MECHANISM</b> [54] <b>MECANISME D'ENREGISTREMENT ET DE TRAITEMENT DE COMMANDES, INSTALLE DANS UN VEHICULE</b> [72] BIGUS, JOSEPH PHILLIP, US [71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US [85] 2001-04-11 [86] 1999-06-01 (PCT/US99/12187) [87] 2000-08-03 (WO00/45312) [30] US (09/238,821) 1999-01-28</p>	<p style="text-align: right;">[21] <b>2,346,988</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 9/24 7A61K 47/38 7A61K 31/44</b> [25] EN [54] <b>PHARMACEUTICAL FORMULATION COMPRISING OMEPRAZOLE</b> [54] <b>FORMULATION PHARMACEUTIQUE CONTENANT DE L'OMEPRAZOLE</b> [72] WANG, PETER, SE [72] BERGSTRAND, PONTUS, SE [71] ASTRAZENECA AB, SE [85] 2001-04-11 [86] 1999-11-03 (PCT/SE99/01989) [87] 2000-05-18 (WO00/27366) [30] SE (9803772-4) 1998-11-05</p>
<p style="text-align: right;">[21] <b>2,346,983</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C01B 39/02</b> [25] EN [54] <b>ZEOLITE COMPOSITE FILM AND PROCESS FOR PRODUCING THE SAME</b> [54] <b>FILM COMPOSITE DE ZEOLITHE ET PROCEDE DE PRODUCTION DE CELUI-CI</b> [72] NAKAYAMA, KUNIO, JP [72] TOMITA, TOSHIHIRO, JP [71] NGK INSULATORS, LTD., JP [85] 2001-04-17 [86] 1999-10-08 (PCT/JP99/05575) [87] 2000-04-27 (WO00/23378) [30] JP (10/316898) 1998-10-20</p>	<p style="text-align: right;">[21] <b>2,346,986</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 17/56</b> [25] EN [54] <b>SET SCREW FOR MEDICAL IMPLANTS</b> [54] <b>VIS DE FIXATION POUR IMPLANTS MEDICAUX</b> [72] JACKSON, ROGER P., US [71] JACKSON, ROGER P., US [85] 2001-04-17 [86] 1999-07-12 (PCT/US99/15684) [87] 2000-04-27 (WO00/22997) [30] US (09/177,460) 1998-10-22</p>	

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<p style="text-align: right;">[21] <b>2,346,989</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07H 21/00 7C12M 1/00</b> [25] EN [54] <b>DNA-TEMPLATED COMBINATORIAL LIBRARY CHEMISTRY</b> [54] <b>BIBLIOTHEQUE DE CHIMIE COMBINATOIRE A MATRICE D'ADN</b> [72] HALPIN, DAVID R., US [72] HARBURY, PEHR B., US [71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US [85] 2001-04-17 [86] 1999-10-19 (PCT/US99/24494) [87] 2000-04-27 (WO00/23458) [30] US (60/104,744) 1998-10-19</p>	<p style="text-align: right;">[21] <b>2,346,992</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08J 9/00 7C08L 25/02 7C08J 9/12</b> [25] EN [54] <b>PROCESS FOR PRODUCING EXTRUDED FOAM</b> [54] <b>PROCEDE DE PRODUCTION DE MOUSSE EXTRUDEE</b> [72] CISAR, THOMAS E., US [72] BREINDEL, RAYMOND M., US [72] MILLER, LARRY M., US [72] WEEKLEY, MITCHELL Z., US [71] OWENS CORNING, US [85] 2001-04-11 [86] 1999-10-21 (PCT/US99/24565) [87] 2000-04-27 (WO00/23511) [30] US (60/105,058) 1998-10-21</p>	<p style="text-align: right;">[21] <b>2,346,998</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/86 7C07K 14/01 7C12N 5/10 7C12N 15/10 7G01N 33/50</b> [25] EN [54] <b>BACULOVIRUS EXPRESSION SYSTEM</b> [54] <b>SYSTEME D'EXPRESSION DU BACULOVIRUS</b> [72] POSSEE, ROBERT DAVID, GB [72] KING, LINDA ANNE, GB [71] NATURAL ENVIRONMENT RESEARCH COUNCIL, GB [71] OXFORD BROOKES UNIVERSITY, GB [85] 2001-04-17 [86] 2000-08-14 (PCT/GB00/03144) [87] 2001-02-22 (WO01/12829) [30] GB (9919409.4) 1999-08-18</p>
<p style="text-align: right;">[21] <b>2,346,990</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 217/22 7C07D 401/12 7C07D 237/34 7A61K 31/47 7C07D 239/94</b> [25] EN [54] <b>SERINE PROTEASE INHIBITOR</b> [54] <b>INHIBITEUR DE LA SERINE PROTEASE</b> [72] TIMMERS, CORNELIS MARIUS, NL [72] REWINKEL, JOHANNES BERNARDUS MARIA, NL [71] AKZO NOBEL N.V., NL [85] 2001-04-11 [86] 1999-10-19 (PCT/EP99/07928) [87] 2000-05-04 (WO00/24718) [30] EP (98203559.4) 1998-10-23</p>	<p style="text-align: right;">[21] <b>2,346,993</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08F 4/40</b> [25] EN [54] <b>REDOX POLYMERIZATION PROCESS</b> [54] <b>PROCEDE DE POLYMERISATION PAR OXYDO-REDUCTION</b> [72] MALTHA, ANNEMARIEKE, NL [72] VAN SWIETEN, ANDREAS PETRUS, NL [72] WAANDERS, PETRUS PAULUS, NL [71] AKZO NOBEL N.V., NL [85] 2001-04-11 [86] 1999-10-11 (PCT/EP99/07769) [87] 2000-04-20 (WO00/22003) [30] EP (98203407.6) 1998-10-12</p>	<p style="text-align: right;">[21] <b>2,347,018</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04L 29/06 7H04L 12/56</b> [25] EN [54] <b>COMPUTER COMMUNICATION PROVIDING QUALITY OF SERVICE</b> [54] <b>TELEMATIQUE FOURNISSANT UNE QUALITE DE SERVICE</b> [72] HODGKINSON, TERENCE GEOFFREY, GB [72] CHERRADI, YOUNES, GB [71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB [85] 2001-04-11 [86] 1999-10-11 (PCT/GB99/03353) [87] 2000-04-20 (WO00/22795) [30] GB (9822550.1) 1998-10-15</p>
<p style="text-align: right;">[21] <b>2,346,991</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 1/32</b> [25] EN [54] <b>POWER MANAGEMENT METHOD AND DEVICE FOR DISPLAY DEVICES</b> [54] <b>PROCEDE ET DISPOSITIF D'ECONOMIE D'ENERGIE POUR ECRAN</b> [72] SHIMOTONO, SUSUMU, JP [71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US [85] 2001-04-11 [86] 1999-10-04 (PCT/JP99/05485) [87] 2000-06-02 (WO00/31612) [30] JP (10/335233) 1998-11-26</p>	<p style="text-align: right;">[21] <b>2,346,996</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/19 7A61P 7/06 7C12N 5/10 7A61K 38/19 7C12N 1/21 7C07K 14/52</b> [25] EN [54] <b>DIMERIC THROMBOPOIETIN PEPTIDE MIMETICS BINDING TO MPI RECEPTOR AND HAVING THROMBOPOIETIC ACTIVITY</b> [54] <b>COMPOSES THROMBOPOIETIQUES</b> [72] FEIGE, ULRICH, US [72] LIU, CHUAN-FA, US [72] CHEETHAM, JANET, US [71] AMGEN INC., US [85] 2001-04-20 [86] 1999-10-22 (PCT/US99/24834) [87] 2000-05-04 (WO00/24770) [30] US (60/105,348) 1998-10-23</p>	<p style="text-align: right;">[21] <b>2,347,020</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 7/38 7H04M 15/26</b> [25] EN [54] <b>SIGNALING SYSTEM AND METHOD FOR NETWORK-BASED PRE-PAID WIRELESS TELEPHONE SERVICE</b> [54] <b>SYSTEME ET PROCEDE DE SIGNALISATION POUR SERVICE TELEPHONIQUE SANS FIL, A PREPAIEMENT ET SUR RESEAU</b> [72] HARTMAIER, PETER, US [72] WILHOITE, MICHAEL T., US [71] OPENWAVE TECHNOLOGIES INC., US [85] 2001-04-11 [86] 1999-09-13 (PCT/US99/21119) [87] 2000-04-20 (WO00/22871) [30] US (09/172,934) 1998-10-14</p>

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[21] **2,347,021**  
[13] A1

[51] **Int.Cl. 6A61B 17/435 6A61D 19/02**  
[25] EN  
[54] **METHOD FOR DEPOSITING A FLATTENED DROPLET ON A SURFACE AND APPARATUS THEREFOR, AND A PUMP THEREFOR**  
[54] **PROCEDE, APPAREIL ET POMPE PERMETTANT DE DEPOSER UNE GOUTTELETTE APLATIE SUR UNE SURFACE**  
[72] MEIROVICH, BARUCH, IL  
[72] HAZAN, AVRI, IL  
[72] HAIM, BEN ZION, IL  
[72] BERGER, ABRAHAM, IL  
[71] A.R.T. MEDICAL INSTRUMENTS LTD., IL  
[85] 2001-04-11  
[86] 1998-10-14 (PCT/IL98/00498)  
[87] 1999-04-22 (WO99/18872)

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[21] **2,347,023**  
[13] A1

[51] **Int.Cl. 7B29C 45/23**  
[25] EN  
[54] **ACTUATOR FOR INJECTION MOLDING VALVE GATE**  
[54] **ORGANE D'ACTIONNEMENT D'OBTURATEUR POUR MOULAGE PAR INJECTION**  
[72] STEIL, FREDERICK G., US  
[72] TORTIS, STEPHEN T., US  
[71] D-M-E COMPANY, US  
[85] 2001-04-11  
[86] 1999-12-17 (PCT/US99/30144)  
[87] 2000-06-29 (WO00/37231)  
[30] US (09/217,295) 1998-12-21

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[21] **2,347,027**  
[13] A1

[51] **Int.Cl. 7C08J 5/10 7C08K 5/00**  
[25] EN  
[54] **METHOD FOR MANUFACTURING CONTAINER BY USING STARCH AND GRAIN POWDER**  
[54] **PROCEDE DE FABRICATION D'UN RECIPIENT A L'AIDE D'AMIDONS ET DE CEREALES EN POWDRE**  
[72] KIM, MYUNG JA, KR  
[72] KIM, YOUNG BOK, KR  
[71] KIM, MYUNG JA, KR  
[71] KIM, YOUNG BOK, KR  
[85] 2001-04-11  
[86] 2000-08-11 (PCT/KR00/00893)  
[87] 2001-02-22 (WO01/12703)  
[30] KR (1999/33750) 1999-08-16

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[21] **2,347,029**  
[13] A1

[51] **Int.Cl. 7F41H 1/02**  
[25] EN  
[54] **THIN AND LIGHTWEIGHT BALLISTIC RESISTANT GARMENT**  
[54] **VETEMENT PARE-BALLES MINCE ET LEGER**  
[72] BACHNER, THOMAS E., JR., US  
[71] SECOND CHANCE BODY ARMOR, INC., US  
[85] 2001-04-11  
[86] 1999-10-15 (PCT/US99/23908)  
[87] 2000-05-18 (WO00/28272)  
[30] US (09/174,431) 1998-10-16

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[21] **2,347,030**  
[13] A1

[51] **Int.Cl. 7F41H 1/02**  
[25] EN  
[54] **MULTI-COMPONENT LIGHTWEIGHT BALLISTIC RESISTANT GARMENT**  
[54] **VETEMENT DE PROTECTION BALISTIQUE DE FAIBLE POIDS, A TEXTURE MULTICOMPOSEE**  
[72] BACHNER, THOMAS E., JR., US  
[71] SECOND CHANCE BODY ARMOR, INC., US  
[85] 2001-04-11  
[86] 1999-10-15 (PCT/US99/24167)  
[87] 2000-05-11 (WO00/25614)  
[30] US (09/174,108) 1998-10-17

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[21] **2,347,032**  
[13] A1

[51] **Int.Cl. 7A61K 9/00 7A61K 47/44**  
[25] EN  
[54] **O/W EMULSION COMPRISING AN HYDROXYLATED OIL**  
[54] **EMULSION HUILE DANS EAU COMPRENANT UNE HUILE HYDROXYLEE**  
[72] ILLUM, LISBETH, GB  
[72] DAVIS, STANLEY STEWART, GB  
[71] WEST PHARMACEUTICAL SERVICES DRUG DELIVERY & CLINICAL RESEARCH CENTRE, L, GB  
[85] 2001-04-11  
[86] 1999-10-21 (PCT/GB99/03489)  
[87] 2000-05-04 (WO00/24373)  
[30] GB (9823246.5) 1998-10-24

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[21] **2,347,033**  
[13] A1

[51] **Int.Cl. 7H01M 4/88 7H01M 8/10**  
[25] EN  
[54] **IONOMER IMPREGNATION OF ELECTRODE SUBSTRATES FOR IMPROVED FUEL CELL PERFORMANCE**  
[54] **IMPREGNATION AVEC DES IONOMERES DE SUBSTRATS D'ELECTRODES POUR OBTENIR DES PILES A COMBUSTIBLE A PERFORMANCES AMELIOREES**  
[72] COLBOW, KEVIN MICHAEL, CA  
[72] ZHANG, JIUJUN, CA  
[72] WILKINSON, DAVID P., CA  
[71] BALLARD POWER SYSTEMS INC., CA  
[85] 2001-04-11  
[86] 1999-10-14 (PCT/CA99/00946)  
[87] 2000-04-27 (WO00/24072)  
[30] US (09/173,845) 1998-10-16  
[30] US (09/222,507) 1998-12-29

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[21] **2,347,037**  
[13] A1

[51] **Int.Cl. 7G01L 19/00**  
[25] EN  
[54] **INSTRUMENT VALVE MANIFOLDS FOR USE WITH PRESSURE TRANSMITTERS**  
[54] **COLLECTEURS A VANNES POUR INSTRUMENTS UTILISABLES AVEC DES TRANSMETTEURS DE PRESSION**  
[72] HUTTON, PETER B., CA  
[71] HUTTON, PETER B., CA  
[85] 2001-04-17  
[86] 1999-10-19 (PCT/IB99/01871)  
[87] 2000-04-27 (WO00/23780)  
[30] US (09/174,765) 1998-10-19

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[21] **2,347,039**  
[13] A1  
[51] **Int.Cl. 7C10L 1/22 7C10L 10/00 7C10L 10/04 7C10L 1/14**  
[25] EN  
[54] **PARAFFIN DISPERSANTS WITH A LUBRICITY EFFECT FOR DISTILLATES OF PETROLEUM PRODUCTS**  
[54] **EMULSIONNANTS DE PARAFFINE A EFFET LUBRIFIANT POUR DISTILLATS DE PRODUITS PETROLIERS**  
[72] HERMELING, DIETER, DE  
[72] WENDEROTH, BERND, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2001-04-17  
[86] 1999-10-19 (PCT/EP99/07899)  
[87] 2000-04-27 (WO00/23541)  
[30] DE (198 48 621.9) 1998-10-21

[21] **2,347,040**  
[13] A1  
[51] **Int.Cl. 6A61B 5/00**  
[25] EN  
[54] **METHOD FOR NON-INVASIVE BLOOD ANALYTE MEASUREMENT WITH IMPROVED OPTICAL INTERFACE**  
[54] **METHODE DE MESURE NON SANGLANTE D'UN ANALYTE DU SANG A INTERFACE OPTIQUE AMELIOREE**  
[72] ROBINSON, MARK RIES, US  
[72] MESSERSCHMIDT, ROBERT G., US  
[71] RIO GRANDE MEDICAL TECHNOLOGIES, INC., US  
[85] 2001-04-17  
[86] 1999-10-15 (PCT/US99/24139)  
[87] 2000-04-27 (WO00/22982)  
[30] US (09/174,812) 1998-10-19

[21] **2,347,042**  
[13] A1  
[51] **Int.Cl. 7H01R 13/625**  
[25] EN  
[54] **SELF-LOCKING BAYONET COUPLING MECHANISM**  
[54] **MECANISME DE COUPLAGE A BAIONNETTE AUTOVERROUILLANTE**  
[72] OLENDER, WALTER J., US  
[72] HARMS, KEVIN M., US  
[72] ARCYKIEWICZ, ROBERT R., US  
[71] AMPHENOL CORPORATION, US  
[85] 2001-04-17  
[86] 2000-08-25 (PCT/US00/23246)  
[87] 2001-03-08 (WO01/17068)  
[30] US (09/384,055) 1999-08-27

[21] **2,347,044**  
[13] A1  
[51] **Int.Cl. 7G08B 13/00 7G07C 9/00**  
[25] EN  
[54] **METHOD FOR CONTROLLING FINGERPRINT IDENTIFICATION DOOR LOCK SYSTEM**  
[54] **PROCEDE DE COMMANDE D'UN SYSTEME DE VERROUILLAGE DE PORTE A IDENTIFICATION DACTYLOSCOPIQUE**  
[72] AHN, HUNN SIK, KR  
[71] BOGO TECH INC., KR  
[85] 2001-04-17  
[86] 2000-08-25 (PCT/KR00/00971)  
[87] 2001-03-08 (WO01/16909)  
[30] KR (1999/36066) 1999-08-28

[21] **2,347,045**  
[13] A1  
[51] **Int.Cl. 7A61K 49/00 7A61K 38/00 7A01N 37/18 7C12N 1/20**  
[25] EN  
[54] **PHOTOSENSITIZER CONJUGATES FOR TARGETING INTRACELLULAR PATHOGENS**  
[54] **CONJUGUES DE PHOTSENSIBILISANT POUR LE CIBLAGE D'AGENTS PATHOGENES INTRACELLULAIRES**  
[72] NAU, GERARD J., US  
[72] HASAN, TAYYABA, US  
[72] GROSS, JEROME, US  
[71] THE GENERAL HOSPITAL CORPORATION, US  
[85] 2001-04-17  
[86] 1999-10-15 (PCT/US99/24124)  
[87] 2000-04-27 (WO00/23117)  
[30] US (60/104,584) 1998-10-16  
[30] US (60/115,976) 1999-01-15

[21] **2,347,057**  
[13] A1  
[51] **Int.Cl. 6B60P 3/22**  
[25] EN  
[54] **COMPRESSED GAS FUEL STORAGE SYSTEM**  
[54] **SYSTEME DE STOCKAGE DE COMBUSTIBLES GAZEUX COMPRIMES**  
[72] HILDEBRAND, RICHARD J., US  
[72] WIENHOLD, PAUL D., US  
[72] TILLER, DALE B., US  
[72] WOZNIAK, JOHN J., US  
[71] THE JOHNS HOPKINS UNIVERSITY, US  
[71] TECHNICAL PRODUCTS GROUP INCORPORATED, US  
[85] 2001-04-17  
[86] 1999-10-27 (PCT/US99/25305)  
[87] 2000-05-04 (WO00/24608)  
[30] US (60/105,889) 1998-10-27

[21] **2,347,058**  
[13] A1  
[51] **Int.Cl. 7A61J 1/05**  
[25] EN  
[54] **STERILE FORMED, FILLED, AND SEALED FLEXIBLE CONTAINER AND DRAINING ADMINISTRATION PORT THEREFOR**  
[54] **CONTENANT SOUPLE STERILE FORME, REMPLI ET SCELLE ET ORIFICE DE DRAINAGE POUR ADMINISTRATION**  
[72] SZEMPRUCH, WALTER T., US  
[72] CARVETH, PETER C., US  
[72] DOMKOWSKI, JOHN A., US  
[72] COULES, RONALD A., US  
[72] ABRAHAMSON, KENT D., US  
[71] ABBOTT LABORATORIES, US  
[85] 2001-04-17  
[86] 1999-10-18 (PCT/US99/24292)  
[87] 2000-05-04 (WO00/24357)  
[30] US (09/178,323) 1998-10-23

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[21] **2,347,062**  
[13] A1

[51] **Int.Cl. 7C07K 14/59 7A61K 38/24 7C07K 16/26**  
[25] EN  
[54] **MULTIPLE DOMAIN GLYCOPROTEIN HORMONES AND METHODS OF USING**  
[54] **HORMONES DE GLYCOPROTEINES A DOMAINES MULTIPLES, PROCEDES D'UTILISATION DE CES DERNIERES**  
[72] BEN-MENAHEM, DAVID, US  
[72] BOIME, IRVING, US  
[71] WASHINGTON UNIVERSITY, US  
[85] 2001-04-18  
[86] 1999-10-12 (PCT/US99/23555)  
[87] 2000-04-27 (WO00/23473)  
[30] US (09/175,017) 1998-10-19

[21] **2,347,064**  
[13] A1

[51] **Int.Cl. 7C12N 15/00 7C12M 1/00 7C01B 31/02 7C01B 31/04 7C04B 35/52 7C12Q 1/68**  
[25] EN  
[54] **SUPPORTS FOR IMMOBILIZING DNA OR THE LIKE**  
[54] **SUPPORTS UTILISES POUR IMMOBILISER DE L'ADN OU AUTRE**  
[72] TANGA, MICHIFUMI, JP  
[72] TAKAHASHI, KOJIRO, JP  
[71] TOYO KOHAN CO., LTD., JP  
[85] 2001-04-17  
[86] 1999-10-15 (PCT/JP99/05712)  
[87] 2000-04-20 (WO00/22108)  
[30] JP (10/293480) 1998-10-15

[21] **2,347,066**  
[13] A1

[51] **Int.Cl. 7C07H 21/04 7C12N 15/00 7A61K 38/19 7C12N 1/21 7C07K 16/24 7C07K 14/52 7C12Q 1/68**  
[25] EN  
[54] **ISOLATED NUCLEIC ACID MOLECULES WHICH ENCODE T CELL INDUCIBLE FACTORS (TIFS), THE PROTEINS ENCODED, AND USES THEREOF**  
[54] **MOLECULES D'ACIDE NUCLEIQUE ISOLEES CODANT POUR DES FACTEURS INDUCTIBLES DERIVES DE LYMPHOCYTES T (TIF), PROTEINES CODEES ET LEUR UTILISATION**  
[72] LOUHED, JAMILA, BE  
[72] DUMOUTIER, LAURE, BE  
[72] RENAULD, JEAN-CHRISTOPHE, BE  
[71] LUDWIG INSTITUTE FOR CANCER RESEARCH, US  
[85] 2001-04-18  
[86] 1999-10-18 (PCT/US99/24424)  
[87] 2000-05-04 (WO00/24758)  
[30] US (09/178,973) 1998-10-26  
[30] US (09/354,243) 1999-07-16

[21] **2,347,067**  
[13] A1

[51] **Int.Cl. 6C12N 5/06 6C12N 9/00 6C12N 5/22**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR ELICITING AN IMMUNE RESPONSE TO A TELOMERASE ANTIGEN**  
[54] **TECHNIQUES ET COMPOSITIONS PERMETTANT DE FAIRE APPARAITRE UNE REPONSE IMMUNITAIRE A UN ANTIGENE DE TELOMERASE**  
[72] NAKAMURA, TORU, US  
[72] MORIN, GREGG B., US  
[72] CECH, THOMAS R., US  
[72] GAETA, FEDERICO C. A., US  
[72] HARLEY, CALVIN B., US  
[72] CHAPMAN, KAREN B., US  
[72] ANDREWS, WILLIAM H., US  
[72] LINGER, JOACHIM, CH  
[71] UNIVERSITY TECHNOLOGY CORPORATION, US  
[71] GERON CORPORATION, US  
[85] 2001-04-18  
[86] 1999-03-30 (PCT/US99/06898)  
[87] 1999-10-07 (WO99/50392)  
[30] US (60/112,006) 1998-03-31

[21] **2,347,068**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C07K 16/18 7C07K 14/47**  
[25] EN  
[54] **NEW TRANSCRIPTION FACTOR OF MHC CLASS II GENES, SUBSTANCES CAPABLE OF INHIBITING THIS NEW TRANSCRIPTION FACTOR AND MEDICAL USES OF THESE SUBSTANCES**  
[54] **NOUVEAU FACTEUR DE TRANSCRIPTION DE GENES DE MHC CATEGORIE II, SUBSTANCES CAPABLES D'INHIBER CE NOUVEAU FACTEUR DE TRANSCRIPTION ET UTILISATIONS MEDICALES DE CES SUBSTANCES**  
[72] MASTERNAK, KRZYSZTOF, CH  
[72] REITH, WALTER, CH  
[72] MACH, BERNARD, CH  
[71] NOVIMMUNE S.A., CH  
[85] 2001-04-20  
[86] 1999-10-22 (PCT/EP99/08026)  
[87] 2000-05-04 (WO00/24766)  
[30] EP (98120085.0) 1998-10-24

[21] **2,347,069**  
[13] A1

[51] **Int.Cl. 7C07K 14/705 7A61P 1/00 7A23J 1/20 7A23L 1/305**  
[25] EN  
[54] **PROTEIN FOR TREATMENT OR PREVENTION OF A GASTROINTESTINAL TRACT DISORDER**  
[54] **PROTEINE POUR LE TRAITEMENT OU LA PREVENTION D'UN TROUBLE DE LA VOIE GASTRO-INTESTINALE**  
[72] DONNET, ANNE, CH  
[72] SCHIFFRIN, EDUARDO, CH  
[72] VIDAL, KARINE, CH  
[71] SOCIETE DES PRODUITS NESTLE S.A., CH  
[85] 2001-04-19  
[86] 1999-10-15 (PCT/EP99/07911)  
[87] 2000-04-27 (WO00/22945)  
[30] EP (98203501.6) 1998-10-20

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[13] A1  
[51] **Int.Cl. 7C12N 15/55 7C12P 41/00 7C12P 13/04 7C12N 11/14 7C12N 9/80**  
[25] EN  
[54] **AMINOACYLASE AND ITS USE IN THE PRODUCTION OF D-AMINOACIDS**  
[54] **AMINOACYLASE ET SON UTILISATION POUR LA PREPARATION DE D-ACIDES AMINES**  
[72] TAYLOR, STEPHEN JOHN  
CLIFFORD, GB  
[72] BROWN, ROBERT CHRISTOPHER, GB  
[71] CHIROTECH TECHNOLOGY LIMITED, GB  
[85] 2001-04-19  
[86] 1999-10-20 (PCT/GB99/03458)  
[87] 2000-04-27 (WO00/23598)  
[30] GB (9822947.9) 1998-10-20  
[30] GB (9907739.8) 1999-04-01

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[21] **2,347,083**  
[13] A1  
[51] **Int.Cl. 7A61K 35/76 7A61K 48/00**  
[25] EN  
[54] **METHODS OF ADMINISTERING ADENOVIRAL VECTORS**  
[54] **METHODES D'ADMINISTRATION DE VECTEURS ADENOVIRAUX**  
[72] KOVESDI, IMRE, US  
[72] BRUDER, JOSEPH T., US  
[71] GENVEC, INC., US  
[85] 2001-04-12  
[86] 1999-10-15 (PCT/US99/24133)  
[87] 2000-04-27 (WO00/23088)  
[30] US (09/174,508) 1998-10-16

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[21] **2,347,084**  
[13] A1  
[51] **Int.Cl. 7C12N 7/00 7A61P 31/12 7A61K 39/29 7A61K 39/295**  
[25] EN  
[54] **HEPATITIS A VACCINES**  
[54] **VACCINS CONTRE L'HEPATITE A**  
[72] D'HONDT, ERIK, BE  
[71] SMITHKLINE BEECHAM BIOLOGICALS S.A., BE  
[85] 2001-04-12  
[86] 1999-10-08 (PCT/EP99/07765)  
[87] 2000-04-27 (WO00/23574)  
[30] GB (9822714.3) 1998-10-16

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[21] **2,347,085**  
[13] A1  
[51] **Int.Cl. 6A61K 39/395 6A61K 48/00 6C12P 19/34 6G01N 33/53 6G01N 33/546 6G01N 33/567 6G01N 33/574 6C12Q 1/68**  
[25] EN  
[54] **METHOD OF DIAGNOSING, MONITORING, STAGING, IMAGING AND TREATING PROSTATE CANCER**  
[54] **METHODE DE DIAGNOSTIC, DE SUIVI, DE CLASSIFICATION PAR STADE, DE VISUALISATION ET DE TRAITEMENT DE CANCER DE LA PROSTATE**  
[72] ALI, SHUJATH M., US  
[72] SUN, YONGMING, US  
[72] SALCEDA, SUSANA, US  
[72] CAFFERKEY, ROBERT, US  
[72] RECIPON, HERVE, US  
[71] DIADEXUS, INC., US  
[85] 2001-04-18  
[86] 1999-10-18 (PCT/US99/23764)  
[87] 2000-04-27 (WO00/23108)  
[30] US (60/104,741) 1998-10-19

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[21] **2,347,165**  
[13] A1  
[51] **Int.Cl. 7B64D 11/06**  
[25] EN  
[54] **A SEATING UNIT**  
[54] **ENSEMBLE SIEGE**  
[72] DARBYSHIRE, MARTIN, GB  
[72] ROUND, MATTHEW, GB  
[71] BRITISH AIRWAYS PLC, GB  
[85] 2001-04-10  
[86] 1999-10-15 (PCT/GB99/03445)  
[87] 2000-04-20 (WO00/21831)  
[30] GB (9822545.1) 1998-10-15  
[30] GB (9912046.1) 1999-05-24

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[21] **2,347,171**  
[13] A1  
[51] **Int.Cl. 7B01J 19/00 7C07B 61/00 7C07K 1/04 7C08J 9/24**  
[25] EN  
[54] **POROUS DEVICE**  
[54] **DISPOSITIF POREUX**  
[72] KOBYLECKI, RYSZARD, GB  
[71] MILLENNIUM PHARMACEUTICALS LIMITED, GB  
[85] 2001-04-11  
[86] 1999-10-14 (PCT/GB99/03406)  
[87] 2000-04-20 (WO00/21658)  
[30] GB (9822436.3) 1998-10-14

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[13] A1  
[51] **Int.Cl. 7A23J 3/34 7A23J 3/08 7A23J 3/10 7A23K 1/18 7A23L 1/305**  
[25] EN  
[54] **PROTEIN MATERIAL FOR SLOW DIGESTION AND ITS USE**  
[54] **MATIERE PROTEIQUE A DIGESTION RALENTIE ET SON UTILISATION**  
[72] DANGIN, MARTIAL, FR  
[72] BALLEVRE, OLIVIER, CH  
[72] GARCIA-RODENAS, CLARA L., CH  
[72] COUZY, FRANCOIS, CH  
[72] REIFFERS-MAGNANI, KRISTEL, CH  
[72] BEAUFRERE, BERNARD, FR  
[71] SOCIETE DES PRODUITS NESTLE S.A., CH  
[85] 2001-04-11  
[86] 1999-10-14 (PCT/EP99/07909)  
[87] 2000-04-27 (WO00/22937)  
[30] EP (98203452.2) 1998-10-16

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[21] **2,347,173**  
[13] A1  
[51] **Int.Cl. 6B05B 1/20**  
[25] EN  
[54] **BOOM SPRAYER AND METHOD OF SPRAYING**  
[54] **PULVERISATEUR A RAMPE ET PROCEDE DE PULVERISATION ASSOCIE**  
[72] BEGGS, ROBERT D., US  
[71] BEGGS, ROBERT D., US  
[85] 2001-04-11  
[86] 1999-09-15 (PCT/US99/21085)  
[87] 2000-03-23 (WO00/15348)  
[30] US (60/100,328) 1998-09-15  
[30] US (09/176,589) 1998-10-21

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[21] **2,347,174**  
[13] A1  
[51] **Int.Cl. 7A62B 35/04**  
[25] EN  
[54] **TWO-WAY LOCKING DEVICE FOR HEIGHT SAFETY APPARATUS**  
[54] **DISPOSITIF DE VERROUILLAGE BIDIRECTIONNEL POUR APPAREIL ANTI-CHUTE**  
[72] RENTON, JULIAN ELWYN, GB  
[72] WOODLEY, MARK, GB  
[71] LATCHWAYS PLC, GB  
[85] 2001-04-20  
[86] 1999-10-25 (PCT/GB99/03522)  
[87] 2000-05-04 (WO00/24471)  
[30] GB (9823320.8) 1998-10-23

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[13] A1  
[51] **Int.Cl. 7C07C 309/15 7C11D 1/28 7C11D 3/34**  
[25] EN  
[54] **DISULFONATED ALKYLAMINES AS DEGREASERS AND HYDROTROPES**  
[54] **ALKYLAMINES DISULFONEES UTILISEES COMME DEGRAISSANTS ET AGENTS HYDROTROPES**  
[72] GRISIO, BRYAN A., US  
[72] PIKE, PHILIP W., US  
[72] JAHNKE, RICHARD W., US  
[71] THE LUBRIZOL CORPORATION, US  
[85] 2001-04-20  
[86] 1999-10-07 (PCT/US99/23227)  
[87] 2000-05-04 (WO00/24708)  
[30] US (09/177,995) 1998-10-23

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[21] **2,347,176**  
[13] A1  
[51] **Int.Cl. 7H04K 1/00**  
[25] EN  
[54] **APPARATUS AND METHODS FOR MANAGING KEY MATERIAL IN HETEROGENEOUS CRYPTOGRAPHIC ASSETS**  
[54] **DISPOSITIF ET PROCEDES DE GESTION DE CLES DANS DES MATERIELS CRYPTOGRAPHIQUES HETEROGENES**  
[72] HOWARD, JAMES L., JR., US  
[72] HESS, PENNINGTON J., US  
[72] MACSTRASIC, JAMES C., US  
[71] L-3 COMMUNICATIONS CORPORATION, US  
[85] 2001-04-20  
[86] 1999-10-21 (PCT/US99/24701)  
[87] 2000-05-04 (WO00/25466)  
[30] US (60/105,386) 1998-10-23

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[21] **2,347,177**  
[13] A1  
[51] **Int.Cl. 7H01M 4/02 7H01M 4/04 7H01M 4/06 7H01M 8/10 7H01M 6/18 7H01M 10/40 7H01M 4/62**  
[25] EN  
[54] **PASTY MATERIALS COMPRISING INORGANIC, FLUID CONDUCTORS AND LAYERS PRODUCED THEREFROM, AND ELECTROCHEMICAL COMPONENTS MADE FROM THESE LAYERS**  
[54] **MATIERES PATEUSES COMPORTANT DES CONDUCTEURS INORGANIQUE FLUIDES ET COUCHES ET COMPOSANTS ELECTROCHIMIQUES REALISES A PARTIR DE CES MATIERES**  
[72] BIRKE, PETER, DE  
[72] NEUMANN, GEROLD, DE  
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE  
[85] 2001-04-20  
[86] 1999-10-15 (PCT/EP99/07855)  
[87] 2000-04-27 (WO00/24068)  
[30] DE (198 48 255.8) 1998-10-20  
[30] DE (199 08 532.3) 1999-02-28

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[21] **2,347,178**  
[13] A1  
[51] **Int.Cl. 6C07H 21/04 6A61K 35/00 6A61K 48/00 6C12N 15/63**  
[25] EN  
[54] **METHODS OF INHIBITING SMOOTH MUSCLE CELL PROLIFERATION AND PREVENTING RESTENOSIS WITH A VECTOR EXPRESSING RB2/P130**  
[54] **PROCEDES POUR INHIBER UNE PROLIFERATION DES CELLULES DU MUSCLE LISSE ET EMPECHER LA RESTENOSE AU MOYEN D'UN VECTEUR EXPRIMANT RB2/P130**  
[72] CLAUDIO, PIER P., US  
[72] GIORDANO, ANTONIO, US  
[71] THOMAS JEFFERSON UNIVERSITY, US  
[85] 2001-04-11  
[86] 1999-09-10 (PCT/US99/20723)  
[87] 2000-03-23 (WO00/15649)  
[30] US (60/099,896) 1998-09-11

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[21] **2,347,179**  
[13] A1  
[51] **Int.Cl. 6G06F 1/00 6G06K 9/00**  
[25] EN  
[54] **METHOD AND SOFTWARE FOR EVIDENCING ILLICIT USE OF A COMPUTER SYSTEM**  
[54] **PROCEDE ET LOGICIEL PERMETTANT DE METTRE EN EVIDENCE UNE UTILISATION ILLICITE D'UN SYSTEME INFORMATIQUE**  
[72] SHAW, GILBERT B., US  
[72] CARR, J. SCOTT, US  
[72] DAVIS, BRUCE L., US  
[72] PERRY, BURT W., US  
[72] RHOADS, GEOFFREY B., US  
[71] DIGIMARC CORPORATION, US  
[85] 2001-04-11  
[86] 1999-10-28 (PCT/US99/25375)  
[87] 2000-05-11 (WO00/26749)  
[30] US (09/185,380) 1998-11-03

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[21] **2,347,180**  
[13] A1  
[51] **Int.Cl. 7G02C 1/02**  
[25] EN  
[54] **ATTACHMENT OF A BRIDGE AND TEMPLE HINGE TO THE LENS OF RIMLESS GLASSES**  
[54] **FIXATION D'UN PONT ET D'UNE CHARNIERE DE BRANCHE AU VERRE DE LUNETTES GLACE**  
[72] KLINE, DANIEL S., US  
[72] CONNER, BRIAN N., US  
[72] CONNER, WILLIAM A., US  
[71] MICROVISION OPTICAL, INC., US  
[85] 2001-04-11  
[86] 1999-10-21 (PCT/US99/24789)  
[87] 2000-05-11 (WO00/26716)  
[30] US (09/185,847) 1998-11-04  
[30] US (09/411,556) 1999-10-01

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[21] **2,347,182**  
[13] A1  
[51] **Int.Cl. 7G01N 33/567 7B01L 3/00 7B01L 11/00 7B01L 3/02**  
[25] EN  
[54] **FLUID CIRCUIT COMPONENTS BASED UPON PASSIVE FLUID DYNAMICS**  
[54] **COMPOSANTS DE CIRCUIT FLUIDIQUE BASES SUR LA DYNAMIQUE PASSIVE DES FLUIDES**  
[72] OLIPHANT, ARNOLD R., US  
[72] SPUTE, MARK K., US  
[72] MCNEELY, MICHAEL R., US  
[71] BIOMICRO SYSTEMS, INC., US  
[85] 2001-04-11  
[86] 1999-10-13 (PCT/US99/23729)  
[87] 2000-04-20 (WO00/22436)  
[30] US (60/103,970) 1998-10-13  
[30] US (60/138,092) 1999-06-08

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[21] **2,347,183**  
[13] A1  
[51] **Int.Cl. 7H04L 1/18 7H04L 1/00**  
[25] EN  
[54] **ARQ PROTOCOL WITH PACKET-BASED RELIABILITY LEVEL SETTING**  
[54] **PROTOCOLE ARQ AVEC REGLAGE DU NIVEAU DE FIABILITE A BASE DE PAQUETS**  
[72] RATHONYI, BELA, SE  
[72] KHAN, FAROOQ, US  
[72] LUDWIG, REINER, DE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-04-20  
[86] 1999-10-08 (PCT/EP99/07567)  
[87] 2000-04-27 (WO00/24152)  
[30] EP (98119947.4) 1998-10-21

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[21] **2,347,184**  
[13] A1  
[51] **Int.Cl. 7G01N 21/25 7G02B 3/00 7G02B 5/04**  
[25] EN  
[54] **IMAGING SYSTEM WITH A CYLINDRICAL LENS ARRAY**  
[54] **SYSTEME D'IMAGERIE COMPORTANT UNE MOSAIQUE DE LENTILLES CYLINDRIQUES**  
[72] VOLCKER, MARTIN, DE  
[72] FATTINGER, CHRISTOF, CH  
[71] CARL-ZEISS-STIFTUNG TRADING AS CARL ZEISS, DE  
[85] 2001-04-11  
[86] 1999-09-18 (PCT/EP99/06925)  
[87] 2000-04-20 (WO00/22417)  
[30] DE (198 46 928.4) 1998-10-12

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[21] **2,347,185**  
[13] A1  
[51] **Int.Cl. 7B01J 8/10 7C08F 2/00 7C08F 10/00 7C08F 2/34 7B01J 8/36**  
[25] EN  
[54] **PROCESS AND EQUIPMENT FOR THE PREPARATION OF AN OLEFINIC POLYMER**  
[54] **PROCEDE ET EQUIPEMENT DE PREPARATION D'UN POLYMERE OLEFINIQUE**  
[72] MUTSERS, STANISLAUS  
[72] MARTINUS PETRUS, NL  
[72] SMIT, LEO, NL  
[72] MOENS, FRITS PIETER, NL  
[71] DSM N.V., NL  
[85] 2001-04-11  
[86] 1999-10-11 (PCT/NL99/00627)  
[87] 2000-04-20 (WO00/21657)  
[30] NL (1010294) 1998-10-12

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[21] **2,347,187**  
[13] A1  
[51] **Int.Cl. 7G10L 19/06**  
[25] EN  
[54] **METHOD AND APPARATUS FOR A TUNABLE HIGH-RESOLUTION SPECTRAL ESTIMATOR**  
[54] **PROCEDE ET APPAREIL DESTINES A UN ESTIMATEUR SPECTRAL A HAUTE RESOLUTION ACCORDABLE**  
[72] BYRNES, CHRISTOPHER I., US  
[72] LINDQUIST, ANDERS, SE  
[72] GEORGIU, TRYPHON T., US  
[71] WASHINGTON UNIVERSITY, US  
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US  
[85] 2001-04-11  
[86] 1999-10-08 (PCT/US99/23545)  
[87] 2000-04-27 (WO00/23986)  
[30] US (09/176,984) 1998-10-22

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[21] **2,347,188**  
[13] A1  
[51] **Int.Cl. 7C07D 277/46 7A61P 35/00 7C07D 417/12 7A61K 31/426 7A61K 31/427**  
[25] EN  
[54] **2-AMINO-THIAZOLE DERIVATIVES, PROCESS FOR THEIR PREPARATION, AND THEIR USE AS ANTITUMOR AGENTS**  
[54] **DERIVES 2-AMINO-THIAZOLE, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION EN TANT QU'AGENTS ANTITUMORAUX**  
[72] VILLA, MANUELA, IT  
[72] PEVARELLO, PAOLO, IT  
[72] VULPETTI, ANNA, IT  
[72] ISACCHI, ANTONELLA, IT  
[72] TRAQUANDI, GABRIELLA, IT  
[72] AMICI, RAFFAELLA, IT  
[71] PHARMACIA & UPJOHN SPA, IT  
[85] 2001-04-11  
[86] 1999-10-27 (PCT/EP99/08306)  
[87] 2000-05-11 (WO00/26202)  
[30] GB (9823871.0) 1998-10-30

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[21] **2,347,189**  
[13] A1  
[51] **Int.Cl. 6F04B 43/06 6F04B 45/00**  
[25] EN  
[54] **AIR DRIVE PUMPS AND COMPONENTS THEREFOR**  
[54] **POMPES COMMANDEES PAR L'AIR ET COMPOSANTS CORRESPONDANTS**  
[72] JACK, ROBERT F., US  
[72] EBERWEIN, DENNIS D., US  
[72] KENNEDY, DENNIS E., US  
[71] WILDEN PUMP & ENGINEERING CO., US  
[85] 2001-04-11  
[86] 1999-07-07 (PCT/US99/15377)  
[87] 2000-01-27 (WO00/04291)  
[30] US (09/116,029) 1998-07-15



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[13] A1

[51] **Int.Cl. 7A61M 16/04**  
[25] EN  
[54] **BI-FUNCTIONAL IN-LINE PHONATION VALVE**  
[54] **VALVE DE PHONATION EN LIGNE BIFONCTIONNELLE**  
[72] FRIGGER, DAVID, US  
[72] O'MAHONY, JOHN, US  
[72] ZOWTIK, JOHN, US  
[71] MALLINCKRODT, INC., US  
[85] 2001-04-11  
[86] 1999-10-01 (PCT/US99/22768)  
[87] 2000-04-20 (WO00/21599)  
[30] US (09/170,037) 1998-10-13

[21] **2,347,192**  
[13] A1

[51] **Int.Cl. 7A61K 31/445 7A61P 25/06**  
[25] EN  
[54] **PHARMACEUTICAL COMBINATION OF IBUPROFEN-  
LYSINE AND DOMPERIDONE FOR  
TREATING MIGRAINE**  
[54] **COMBINAISON  
PHARMACEUTIQUE D'IBUPROFENE-  
LYSINE ET DE DOMPERIDONE POUR  
TRAITER LA MIGRAINE**  
[72] SCHIRMER, GUDOLA, DE  
[72] MANN, STEPHEN G., GB  
[71] MERCK SHARP & DOHME LIMITED,  
GB  
[71] WOELM PHARMA GMBH & CO., DE  
[85] 2001-04-11  
[86] 1999-10-13 (PCT/GB99/03398)  
[87] 2000-04-20 (WO00/21534)  
[30] GB (9822333.2) 1998-10-13

[21] **2,347,195**  
[13] A1

[51] **Int.Cl. 7A61K 31/485 7A61K 9/00**  
[25] EN  
[54] **ORAL PHARMACEUTICAL  
COMPOSITIONS CONTAINING  
BUPRENORPHIN**  
[54] **COMPOSITIONS  
PHARMACEUTIQUES ORALES  
CONTENANT BUPRENORPHINE**  
[72] VALENTI, MAURO, IT  
[71] FARMACEUTICI FORMENTI S.P.A.,  
IT  
[85] 2001-04-12  
[86] 1999-10-11 (PCT/EP99/07595)  
[87] 2000-04-27 (WO00/23079)  
[30] IT (MI98A002222) 1998-10-16

[21] **2,347,197**  
[13] A1

[51] **Int.Cl. 7E04B 1/61 7E04B 2/72**  
[25] EN  
[54] **A BUILDING SYSTEM**  
[54] **SYSTEME DE CONSTRUCTION**  
[72] BYERS, MICHAEL RICHARD, GB  
[72] SINGLETON, MARK JAMES, GB  
[71] BIORIGINAL LIMITED, GB  
[85] 2001-04-12  
[86] 1999-10-12 (PCT/GB99/03382)  
[87] 2000-04-20 (WO00/22252)  
[30] GB (9822324.1) 1998-10-14

[21] **2,347,198**  
[13] A1

[51] **Int.Cl. 6H01L 27/00 6G09G 5/00  
6G01J 1/20**  
[25] EN  
[54] **SCANNED BEAM DISPLAY WITH  
ADJUSTABLE ACCOMMODATION**  
[54] **AFFICHEUR A BALAYAGE DE  
FAISCEAU A ACCOMMODATION  
REGLABLE**  
[72] TIDWELL, MICHAEL, US  
[72] JOHNSTON, RICHARD S., US  
[72] MELVILLE, CHARLES D., US  
[72] KOLLIN, JOEL S., US  
[71] UNIVERSITY OF WASHINGTON, US  
[85] 2001-04-12  
[86] 1999-11-02 (PCT/US99/25787)  
[87] 2000-05-18 (WO00/28592)  
[30] US (09/188,993) 1998-11-09

[21] **2,347,200**  
[13] A1

[51] **Int.Cl. 7C08G 83/00 7C08G 69/48  
7C08G 59/54**  
[25] EN  
[54] **HIGHLY BRANCHED  
OLIGOMERS, PROCESS FOR THEIR  
PREPARATION AND APPLICATIONS  
THEREOF**  
[54] **OLIGOMERES HAUTEMENT  
RAMIFIES, LEUR PROCEDE DE  
PREPARATION ET APPLICATIONS  
METTANT EN OEUVRE DE TELS  
OLIGOMERES**  
[72] MOSHINSKY, LEONID, IL  
[71] EPOX LTD., IL  
[85] 2001-04-12  
[86] 1999-10-13 (PCT/IL99/00540)  
[87] 2000-04-20 (WO00/22030)  
[30] IL (126565) 1998-10-14

[21] **2,347,202**  
[13] A1

[51] **Int.Cl. 7C08F 2/20 7D21H 23/00  
7C08F 212/08 7C08F 220/10 7D21H 21/16  
7D21H 17/24 7D21H 17/34 7D21H 17/37  
7D21H 17/72**  
[25] EN  
[54] **IMPROVED PAPER SIZING  
AGENTS AND METHODS OF MAKING  
THE AGENTS AND SIZING PAPER**  
[54] **AGENTS DE COLLAGE DU  
PAPIER AMELIORES, PROCEDES DE  
FABRICATION DE CES AGENTS ET  
PROCEDES DE COLLAGE DU PAPIER**  
[72] O'TOOLE, MICHAEL P., US  
[72] DEPIERNE, OTTO S., US  
[71] BAYER CORPORATION, US  
[85] 2001-04-10  
[86] 1999-09-22 (PCT/US99/22030)  
[87] 2000-04-27 (WO00/23479)  
[30] US (09/174,076) 1998-10-16

[21] **2,347,204**  
[13] A1

[51] **Int.Cl. 6A61K 38/16**  
[25] EN  
[54] **COMPOSITIONS AND METHODS  
FOR PROMOTING TISSUE REPAIR  
USING HEAT SHOCK PROTEINS**  
[54] **COMPOSITIONS ET METHODES  
FAVORISANT LA REPARATION  
TISSULAIRE A L'AIDE DE PROTEINES  
DE CHOC THERMIQUE**  
[72] SRIVASTAVA, PRAMOD K., US  
[72] CHANDAWARKAR, RAJIV Y., US  
[71] FORDHAM UNIVERSITY, US  
[85] 2001-04-10  
[86] 1999-10-19 (PCT/US99/24352)  
[87] 2000-04-27 (WO00/23093)  
[30] US (09/174,884) 1998-10-19

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[21] **2,347,206**  
[13] A1

[51] **Int.Cl. 6A47B 83/00**  
[25] EN  
[54] **WORK SPACE MANAGEMENT AND FURNITURE SYSTEM**  
[54] **SYSTEME DE GESTION D'ESPACE DE TRAVAIL ET D'AGENCEMENT DE MOBILIER**  
[72] KURRASCH, ANDREW J., US  
[72] DE HAAN, RICHARD III, US  
[72] CLARK, JEFFREY, US  
[72] BIRSEL, AYSE, US  
[72] THENIKL, HENRY A., US  
[72] BECK, ROBERT L., US  
[72] OREN, ROBERT A., US  
[71] HERMAN MILLER, INC., US  
[85] 2001-04-10  
[86] 1999-10-13 (PCT/US99/23793)  
[87] 2000-04-20 (WO00/21412)  
[30] US (60/104,101) 1998-10-13

[21] **2,347,207**  
[13] A1

[51] **Int.Cl. 6H04B 1/707**  
[25] EN  
[54] **CANCELLATION OF PILOT AND UNWANTED TRAFFIC SIGNALS IN A CDMA SYSTEM**  
[54] **SUPPRESSION DU SIGNAL PILOTE ET DES SIGNAUX DE TRAFIC INDESIRABLES DANS UN SYSTEME AMCR**  
[72] OZLUTURK, FATI H M., US  
[71] INTERDIGITAL TECHNOLOGY CORPORATION, US  
[85] 2001-04-10  
[86] 1999-01-27 (PCT/US99/01883)  
[87] 2000-04-27 (WO00/24135)  
[30] US (09/175,174) 1998-10-20

[21] **2,347,208**  
[13] A1

[51] **Int.Cl. 6A61M 25/00**  
[25] EN  
[54] **RETENTION BALLOON FOR A CORPOREAL ACCESS TUBE ASSEMBLY**  
[54] **BALLONNET DE MAINTIEN POUR SYSTEME DE TUBE D'ACCES INTRODUIT DANS LE CORPS**  
[72] QUINN, DAVID G., US  
[71] C.R. BARD, INC., US  
[85] 2001-04-10  
[86] 1999-10-13 (PCT/US99/23661)  
[87] 2000-04-27 (WO00/23136)  
[30] US (09/174,722) 1998-10-19

[21] **2,347,210**  
[13] A1

[51] **Int.Cl. 7A01N 37/36 7A01N 35/06 7A01N 53/08 7A01N 47/22 7A01N 43/24 7A01N 47/36 7A01N 37/38 7A01N 43/50 7A01N 43/54 7A01N 43/56 7A01N 43/653 7A01N 43/68 7A01N 43/713**  
[25] EN  
[54] **USE OF CITRIC ACID DERIVATIVES AS PESTICIDAL ADJUVANTS**  
[54] **UTILISATION DE DERIVES D'ACIDE CITRIQUE COMME ADJUVANTS PESTICIDES**  
[72] PATE, ADRIENNE ELIZABETH, GB  
[72] SANWALD, ERICH FRIEDRICH, DE  
[72] BICKERS, UDO MATTHIAS, DE  
[72] GREEN, SHIRLEY ANN, GB  
[72] STOCK, DAVID, GB  
[72] BRIGGS, GEOFFREY GOWER, GB  
[72] BARDSLEY, RICHARD ANDREW, GB  
[71] AVENTIS CROPS SCIENCE S.A., FR  
[85] 2001-04-20  
[86] 1999-10-22 (PCT/GB99/03430)  
[87] 2000-05-04 (WO00/24253)  
[30] GB (9823010.5) 1998-10-22

[21] **2,347,211**  
[13] A1

[51] **Int.Cl. 6H04L 9/00**  
[25] EN  
[54] **APPARATUS AND METHODS FOR MANAGING KEY MATERIAL IN HETEROGENEOUS CRYPTOGRAPHIC ASSETS**  
[54] **APPAREIL ET PROCEDES POUR GERER DES CLES DANS DES BIENS CRYPTOGRAPHIQUES HETEROGENES**  
[72] HESS, PENNINGTON J., US  
[72] MACSTRASIC, JAMES C., US  
[72] HOWARD, JAMES L., JR., US  
[71] L-3 COMMUNICATIONS CORPORATION, US  
[85] 2001-04-20  
[86] 1999-10-21 (PCT/US99/24605)  
[87] 2000-05-04 (WO00/25473)  
[30] US (60/105,386) 1998-10-23

[21] **2,347,212**  
[13] A1

[51] **Int.Cl. 7G10K 11/35**  
[25] EN  
[54] **ULTRASONIC TRANSDUCER HAVING A TILTED SUPPORT, AND METHOD OF MANUFACTURE**  
[54] **TRANSDUCTEUR ULTRASONORE POSSEDANT UN SUPPORT INCLINE ET PROCEDE DE FABRICATION**  
[72] MAMAYEK, DONALD S., US  
[72] BAUTISTA, RICHARD A., US  
[72] WHITE, DAVID A., US  
[71] BOSTON SCIENTIFIC LIMITED, BB  
[85] 2001-04-20  
[86] 1999-09-13 (PCT/IB99/01543)  
[87] 2000-05-04 (WO00/25297)  
[30] US (09/178,010) 1998-10-23

[21] **2,347,213**  
[13] A1

[51] **Int.Cl. 7A61M 37/00 7F04B 17/00 7F04B 35/00 7F04B 49/00 7B01D 37/00 7B01D 61/00 7B01D 63/00 7C02F 1/00 7F04B 9/08 7C02F 1/44**  
[25] EN  
[54] **BLOOD PROCESSING SYSTEMS AND METHODS EMPLOYING FLUID PRESSURE ACTUATED PUMPS AND VALVES**  
[54] **SYSTEMES ET PROCEDES DE TRAITEMENT DU SANG UTILISANT DES POMPES ET DES SOUPAPES ACTIONNEES PAR PRESSION HYDRAULIQUE**  
[72] JACOBSON, JAMES D., US  
[72] WESTBERG, TOM, US  
[71] BAXTER INTERNATIONAL INC., US  
[85] 2001-04-20  
[86] 2000-08-29 (PCT/US00/23693)  
[87] 2001-03-15 (WO01/17606)  
[30] US (09/389,934) 1999-09-03

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[21] **2,347,214**  
[13] A1  
[51] **Int.Cl. 7A61K 38/00 7C12N 15/10 7C12Q 1/68**  
[25] EN  
[54] **PROTEIN DESIGN AUTOMATION FOR PROTEIN LIBRARIES**  
[54] **AUTOMATISATION DE LA CONCEPTION DES PROTEINES POUR L'ELABORATION DES BIBLIOTHEQUES DE PROTEINES**  
[72] HAYES, ROBERT J., US  
[72] FIEBIG, KLAUS M., DE  
[72] DAHIYAT, BASSIL I., US  
[72] BENTZIEN, JORG, US  
[71] XENCOR, INC., US  
[85] 2001-05-31  
[86] 1999-10-15 (PCT/US99/24229)  
[87] 2000-04-27 (WO00/23564)  
[30] US (60/104,612) 1998-10-16  
[30] US (60/158,700) 1999-10-08

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[21] **2,347,224**  
[13] A1  
[51] **Int.Cl. 7H01G 9/155**  
[25] EN  
[54] **HIGH CAPACITANCE ENERGY STORAGE DEVICE**  
[54] **DISPOSITIF DE STOCKAGE D'ENERGIE DE FORTE CAPACITANCE**  
[72] BORISENKO, NIKOLAY N., RU  
[72] BORISENKO, DMITRY N., RU  
[71] SELECT MOLECULAR TECHNOLOGIES CORPORATION, CA  
[85] 2001-04-12  
[86] 1999-10-13 (PCT/CA99/00928)  
[87] 2000-04-20 (WO00/22637)  
[30] CA (2,250,628) 1998-10-13  
[30] CA (2,266,297) 1999-03-19  
[30] CA (2,266,185) 1999-03-19

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[13] A1  
[51] **Int.Cl. 7A61K 31/445 7A61P 3/06 7A61P 19/10 7A61P 25/28 7A61P 5/30 7A61K 31/40**  
[25] EN  
[54] **PHARMACEUTICAL FORMULATIONS FOR USE IN ESTROGEN DEPRIVATION SYNDROME**  
[54] **FORMULATIONS PHARMACEUTIQUES DE TRAITEMENT DU SYNDROME DE CARENCE OESTROGENIQUE**  
[72] MUEHL, BRIAN, STEPHEN, US  
[72] CULLINAN, GEORGE JOSEPH, US  
[72] THRASHER, KENNETH JEFF, US  
[71] ELI LILLY AND COMPANY, US  
[85] 2001-04-12  
[86] 1999-10-01 (PCT/US99/22891)  
[87] 2000-04-20 (WO00/21535)  
[30] US (60/104,011) 1998-10-13

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[21] **2,347,226**  
[13] A1  
[51] **Int.Cl. 7H04L 1/18**  
[25] EN  
[54] **ACCUMULATIVE ARQ METHOD AND SYSTEM**  
[54] **PROCEDE ET SYSTEME ACCUMULATIF DE REQUETE DE REPETITION AUTOMATIQUE (ARQ)**  
[72] DEMETRESCU, CRISTIAN, GB  
[72] SANDELL, MAGNUS, GB  
[72] LUSCHI, CARLO, GB  
[71] LUCENT TECHNOLOGIES INC., US  
[85] 2001-04-12  
[86] 1999-10-12 (PCT/EP99/07628)  
[87] 2000-04-27 (WO00/24153)  
[30] EP (98308548.1) 1998-10-19

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[13] A1  
[51] **Int.Cl. 7B23K 7/06 7B21B 45/00 7G01N 25/72 7G01N 21/89**  
[25] EN  
[54] **SURFACE TREATMENT OF METAL ARTICLES**  
[54] **TRAITEMENT SURFACIQUE D'ARTICLES METALLIQUES**  
[72] DETRONDE, MICHEL, FR  
[71] HECKETT MULTISERV PLC, GB  
[85] 2001-04-12  
[86] 1999-10-14 (PCT/GB99/03419)  
[87] 2000-04-20 (WO00/21708)  
[30] GB (9822429.8) 1998-10-14

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[13] A1  
[51] **Int.Cl. 7C11D 3/39 7C07C 407/00 7C07D 209/48**  
[25] EN  
[54] **BLEACHING COMPOSITIONS**  
[54] **COMPOSITIONS DE BLANCHIMENT**  
[72] DRESCO, PIERRE ANTOINE, IT  
[72] SCIALLA, STEFANO, IT  
[72] DI CAPUA, GLORIA, IT  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-04-12  
[86] 1999-11-10 (PCT/US99/26600)  
[87] 2000-05-18 (WO00/27969)  
[30] US (PCT/US98/23987) 1998-11-10

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[21] **2,347,235**  
[13] A1  
[51] **Int.Cl. 6H04L 12/42 6G06F 13/00**  
[25] EN  
[54] **HOT INSERTABLE UTOPIA INTERFACE WITH AUTOMATIC PROTECTION SWITCHING FOR BACKPLANE APPLICATIONS**  
[54] **INTERFACE UTOPIA INSERABLE A CHAUD, A COMMUTATION DE PROTECTION AUTOMATIQUE POUR APPLICATIONS SUR FONDS DE PANIER**  
[72] NICHOLS, STEPHEN J., US  
[72] LUU, CUONG T., US  
[71] GENERAL DATACOMM, INC., US  
[85] 2001-04-12  
[86] 1999-10-08 (PCT/US99/23559)  
[87] 2000-04-20 (WO00/22784)  
[30] US (09/172,545) 1998-10-14

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[21] **2,347,237**  
[13] A1  
[51] **Int.Cl. 7H03M 13/27 7H03M 13/29**  
[25] EN  
[54] **CODING SYSTEM HAVING STATE MACHINE BASED INTERLEAVER**  
[54] **SYSTEME DE CODAGE COMPRENANT UN DISPOSITIF D'IMBRICATION D'ETATS AUTOMATISE**  
[72] VIJAYAN, RAJIV, US  
[72] STEIN, JEREMY, IL  
[72] LING, FUYUN, US  
[72] SINDHUSHAYANA, NAGGABHUSHANA T., US  
[71] QUALCOMM INCORPORATED, US  
[85] 2001-04-12  
[86] 1999-10-12 (PCT/US99/24061)  
[87] 2000-04-20 (WO00/22738)  
[30] US (09/172,069) 1998-10-13

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[13] A1

[51] **Int.Cl. 7C08J 5/18 7C08L 77/00 7B32B 27/34 7C08K 3/34**  
[25] EN  
[54] **TRANSPARENT HIGH STRENGTH POLYAMIDE FILM**  
[54] **FILM DE POLYAMIDE TRANSPARENT A HAUTE RESISTANCE MECANIQUE**  
[72] BRANDT, RAINER, DE  
[72] KASCHEL, GREGOR, DE  
[72] EILERS, BERND, DE  
[72] EGGERS, HOLGER, DE  
[72] GASSE, ANDREAS, DE  
[71] WOLFF WALSRODE AG, DE  
[85] 2001-04-12  
[86] 1999-10-04 (PCT/EP99/07325)  
[87] 2000-04-27 (WO00/23506)  
[30] DE (198 47 844.5) 1998-10-16  
[30] DE (198 47 845.3) 1998-10-16  
[30] DE (199 35 324.7) 1999-07-28  
[30] DE (199 37 117.2) 1999-08-06

[21] **2,347,239**  
[13] A1

[51] **Int.Cl. 7H04B 1/707 7H04Q 7/32**  
[25] EN  
[54] **OFFLINE PAGE MONITORING**  
[54] **CONTROLE DE RECHERCHE DE PERSONNES HORS LIGNE**  
[72] ZHANG, HAITAO, US  
[72] ZOU, QIUZHEN, US  
[72] AGRAWAL, AVNEESH, US  
[72] SIH, GILBERT C., US  
[72] TIEDEMANN, EDWARD G., JR., US  
[72] BUTLER, BRIAN K., US  
[71] QUALCOMM INCORPORATED, US  
[85] 2001-04-12  
[86] 1999-10-12 (PCT/US99/23830)  
[87] 2000-04-20 (WO00/22748)  
[30] US (09/172,068) 1998-10-13

[21] **2,347,241**  
[13] A1

[51] **Int.Cl. 6A61H 31/00**  
[25] EN  
[54] **CHEST MOUNTED CARDIO PULMONARY RESUSCITATION DEVICE AND SYSTEM**  
[54] **DISPOSITIF ET SYSTEME DE REANIMATION CARDIO-RESPIRATOIRE A IMPLANTATION THORACIQUE**  
[72] CANTRELL, ELROY T., US  
[72] SPIJKERMAN, JOHANNES, US  
[71] CANTRELL, ELROY T., US  
[85] 2001-04-12  
[86] 1999-10-15 (PCT/US99/24198)  
[87] 2000-04-27 (WO00/23034)  
[30] US (09/173,622) 1998-10-16

[21] **2,347,253**  
[13] A1

[51] **Int.Cl. 6G02B 27/14 6G09G 5/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DETERMINING OPTICAL DISTANCE**  
[54] **PROCEDE ET APPAREIL POUR DETERMINER UNE DISTANCE OPTIQUE**  
[72] TIDWELL, MICHAEL, US  
[72] KOLLIN, JOEL S., US  
[72] JOHNSTON, RICHARD S., US  
[72] MELVILLE, CHARLES D., US  
[71] UNIVERSITY OF WASHINGTON, US  
[85] 2001-04-12  
[86] 1999-11-02 (PCT/US99/25689)  
[87] 2000-05-18 (WO00/28371)  
[30] US (09/188,991) 1998-11-09

[21] **2,347,254**  
[13] A1

[51] **Int.Cl. 6B22D 41/50 6B22D 41/52**  
[25] EN  
[54] **IMMERSED POUR TUBE HAVING AN EROSION-RESISTANT SLEEVE AND METHOD OF MANUFACTURING THE SAME**  
[54] **TUBE DE COULEE IMMERGE PRESENTANT UN MANCHON RESISTANT A L'EROSION ET SON PROCEDE DE FABRICATION**  
[72] BENSON, PAUL M., US  
[72] HANSE, ERIC, BE  
[71] VESUVIUS CRUCIBLE COMPANY, US  
[85] 2001-04-12  
[86] 1998-10-14 (PCT/US98/21646)  
[87] 2000-04-20 (WO00/21702)

[21] **2,347,256**  
[13] A1

[51] **Int.Cl. 7A61L 15/00 7A61L 31/12 7A61L 27/46**  
[25] EN  
[54] **BIOLOGICAL MATERIALS**  
[54] **MATERIAUX BIOLOGIQUES**  
[72] TANAKA, SHIGEO, JP  
[72] KIKUCHI, MASANORI, JP  
[72] SHIRAHAMA, NORIAKI, JP  
[72] KOYAMA, YOSHIHISA, JP  
[72] ITOH, TAKATOSHI, JP  
[72] TANAKA, JUNZO, JP  
[72] YOKOYAMA, ETSURO, JP  
[72] SUWA, SHUJI, JP  
[72] IMAMURA, YUKARI, JP  
[72] OKADA, TAKAO, JP  
[72] TAKAKUDA, KAZUO, JP  
[72] ICHIKAWA, SHUNJI, JP  
[72] MIYAMOTO, KIMIHIRO, JP  
[72] SHONO, SOICHI, JP  
[71] TAKI CHEMICAL CO., LTD., JP  
[71] JAPAN AS REPRESENTED BY NATIONAL INSTITUTE FOR RESEARCH IN INORGANIC MAT, JP  
[71] KAWASUMI LABORATORIES, INC., JP  
[85] 2001-04-12  
[86] 2000-08-10 (PCT/JP00/05353)  
[87] 2001-02-22 (WO01/12240)  
[30] JP (11/230348) 1999-08-17  
[30] JP (2000/2240) 2000-01-11  
[30] JP (2000/185878) 2000-06-21

[21] **2,347,257**  
[13] A1

[51] **Int.Cl. 6B60V 1/14**  
[25] EN  
[54] **HOVERCRAFT**  
[54] **VEHICULE AEROGLISSEUR**  
[72] BLUM, KLAUS, CH  
[71] BLUM, KLAUS, CH  
[85] 2001-04-12  
[86] 1998-10-16 (PCT/DE98/03086)  
[87] 2000-04-27 (WO00/23309)

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[21] **2,347,258**  
[13] A1  
[51] **Int.Cl. 7C08K 5/00 7C08L 77/00 7C08K 5/02**  
[25] EN  
[54] **POLYAMIDE COMPOSITION STABILIZED WITH COPPER COMPLEXES AND ORGANIC HALOGEN COMPOUNDS**  
[54] **COMPOSITION DE POLYAMIDE STABILISEE AVEC DES COMPLEXES DE CUIVRE ET DES COMPOSES HALOGENES ORGANIQUES**  
[72] TITZSCHKAU, KLAUS, DE  
[71] L. BRUGGEMANN KG, DE  
[85] 2001-04-12  
[86] 1999-10-15 (PCT/EP99/07847)  
[87] 2000-04-20 (WO00/22035)  
[30] DE (198 47 627.2) 1998-10-15

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[21] **2,347,260**  
[13] A1  
[51] **Int.Cl. 7C08K 5/03 7C08L 77/00 7C08K 5/01 7C08K 5/06 7C08K 5/136 7C08K 5/521**  
[25] EN  
[54] **POLYAMIDE COMPOSITION STABILIZED WITH COPPER SALT AND AN AROMATIC HALOGEN COMPOUND**  
[54] **COMPOSITION DE POLYAMIDE STABILISEE AVEC UN SEL DE CUIVRE ET UN COMPOSE HALOGENE**  
[72] TITZSCHKAU, KLAUS, DE  
[71] L. BRUGGEMANN KG, DE  
[85] 2001-04-12  
[86] 1999-10-15 (PCT/EP99/07848)  
[87] 2000-04-20 (WO00/22036)  
[30] DE (198 47 626.4) 1998-10-15

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[21] **2,347,261**  
[13] A1  
[51] **Int.Cl. 6A61F 2/44**  
[25] EN  
[54] **STRAIN REGULATING FUSION CAGE FOR SPINAL FUSION SURGERY**  
[54] **CAGE D'ARTHRODESE SPINALE REGULATRICE DE CONTRAINTES POUR CHIRURGIE DE SOUDURE**  
[72] SCHAR, MANUEL, CH  
[72] TAGWERKER, KONRAD, CH  
[72] BRESINA, STEPHEN J., CH  
[71] SYNTHES (U.S.A.), US  
[85] 2001-04-12  
[86] 1998-10-20 (PCT/EP98/06621)  
[87] 2000-04-27 (WO00/23014)

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[21] **2,347,262**  
[13] A1  
[51] **Int.Cl. 6B65D 30/06 6B65D 33/14**  
[25] EN  
[54] **PRODUCE BAG WITH IMPROVED WICKET FEATURES**  
[54] **SAC POUR PRODUITS A CONFIGURATION AMELIOREE POUR LE MAINTIEN A DES TENONS DE FIXATION**  
[72] FOX, L. KEITH, US  
[72] FOX, KENNETH S., US  
[71] KENNETH FOX SUPPLY COMPANY, US  
[85] 2001-04-12  
[86] 1999-10-14 (PCT/US99/24238)  
[87] 2000-04-27 (WO00/23338)  
[30] US (09/174,435) 1998-10-16

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[21] **2,347,263**  
[13] A1  
[51] **Int.Cl. 7H01J 17/16 7H01J 17/20**  
[25] EN  
[54] **BULB HAVING INTERIOR SURFACE COATED WITH RARE EARTH OXIDE**  
[54] **BULBE A REVETEMENT INTERIEUR EN OXYDE DE METAL DE TERRES RARES**  
[72] KIRKPATRICK, DOUGLAS A., US  
[72] FRANCIS, LORRAINE F., US  
[71] FUSION LIGHTING, INC., US  
[85] 2001-04-12  
[86] 1999-11-12 (PCT/US99/27075)  
[87] 2000-05-25 (WO00/30142)  
[30] US (60/108,440) 1998-11-13  
[30] US (60/130,979) 1999-04-26

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[21] **2,347,264**  
[13] A1  
[51] **Int.Cl. 6H02G 3/18**  
[25] EN  
[54] **SNAP IN CABLE CONNECTOR**  
[54] **CONNECTEUR DE CABLES ENCLIQUETABLE**  
[72] GRETZ, THOMAS J., US  
[71] ARLINGTON INDUSTRIES, INC., US  
[85] 2001-04-12  
[86] 1999-09-22 (PCT/US99/21767)  
[87] 2000-05-11 (WO00/27004)  
[30] US (09/181,890) 1998-10-29

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[21] **2,347,383**  
[13] A1  
[51] **Int.Cl. 6H04N 7/30 6H04N 1/41**  
[25] EN  
[54] **IMAGE CODING/DECODING METHOD AND RECORDED MEDIUM ON WHICH PROGRAM IS RECORDED**  
[54] **PROCEDE DE CODAGE ET DECODAGE D'IMAGES ET SUPPORT SUR LEQUEL EST ENREGISTRE UN PROGRAMME**  
[72] KAWASHIMA, MIYUKI, JP  
[72] MIURA, TAKASHI, JP  
[72] ITAGAKI, FUMIHIKO, JP  
[71] HUDSON CO., LTD., JP  
[85] 2000-12-07  
[86] 1999-06-03 (PCT/JP99/02962)  
[87] 2000-01-13 (WO00/02393)  
[30] JP (10/189239) 1998-07-03

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[21] **2,347,385**  
[13] A1  
[51] **Int.Cl. 7C07D 213/53 7C08F 10/00 7C07F 15/02 7C08F 4/70**  
[25] EN  
[54] **TRANSITION METAL COMPOUNDS, CATALYSTS FOR THE PRODUCTION OF .ALPHA.-OLEFINS AND PROCESS THEREFOR**  
[54] **COMPOSES A BASE DE METAUX DE TRANSITION, CATALYSEURS SERVANT A LA PRODUCTION D'ALPHA-OLEFINES ET PROCEDE ASSOCIE**  
[72] TAMURA, TAKAO, JP  
[72] KURAMOTO, MASAHIKO, JP  
[72] SATO, HARUHITO, JP  
[72] TASHIRO, HIRONORI, JP  
[72] TANAKA, SHINJI, JP  
[72] WATANABE, MASAMI, JP  
[71] IDEMITSU PETROCHEMICAL CO., LTD., JP  
[85] 2001-04-24  
[86] 2000-08-31 (PCT/JP00/05913)  
[87] 2001-03-15 (WO01/17967)  
[30] JP (11/249012) 1999-09-02  
[30] JP (11/262564) 1999-09-16  
[30] JP (11/263093) 1999-09-17

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[21] **2,347,390**  
[13] A1  
[51] **Int.Cl. 7B65D 1/28 7B29D 22/00 7B29C 47/90**  
[25] EN  
[54] **PROCESS FOR MAKING EXTRUDED PET CONTAINERS**  
[54] **PROCEDE DE FABRICATION DE CONTENANTS EXTRUDES EN POLY(ETHYLENE TEREPHTALATE)**  
[72] LEE, ROBERT A., GB  
[72] HUTCHINSON, GERALD A., US  
[71] ADVANCED PLASTICS TECHNOLOGIES, LTD., GB  
[85] 2001-01-12  
[86] 1999-07-14 (PCT/US99/15995)  
[87] 2000-01-27 (WO00/03922)  
[30] US (09/115,157) 1998-07-14

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[21] **2,347,448**  
[13] A1  
[51] **Int.Cl. 7A61K 7/48 7A61K 7/00**  
[25] EN  
[54] **TOPICAL VITAMIN COMPOSITION**  
[54] **COMPOSITION VITAMINEE TOPIQUE**  
[72] SOLIMAN, NADIA, US  
[72] NABI, ZEENAT F., US  
[71] COLGATE-PALMOLIVE COMPANY, US  
[85] 2001-04-24  
[86] 1999-10-27 (PCT/US99/25238)  
[87] 2000-05-11 (WO00/25739)  
[30] US (09/183,524) 1998-10-30

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[21] **2,347,496**  
[13] A1  
[51] **Int.Cl. 7C11D 3/39 7C07D 209/48**  
[25] EN  
[54] **BLEACHING COMPOSITIONS**  
[54] **COMPOSITIONS DE BLANCHIMENT**  
[72] DRESKO, PIERRE ANTOINE, IT  
[72] DE BUZZACCARINI, FRANCESCO, BE  
[72] SCIALLA, STEFANO, IT  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-04-12  
[86] 1999-11-10 (PCT/US99/26602)  
[87] 2000-05-18 (WO00/27982)  
[30] US (PCT/US98/23986) 1998-11-10

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[21] **2,347,498**  
[13] A1  
[51] **Int.Cl. 7F16F 15/131 7F16F 15/134 7F16F 9/48**  
[25] EN  
[54] **IMPROVED GAS SPRING**  
[54] **RESSORT A GAZ PERFECTIONNE**  
[72] BERTRAM, JAMES T., US  
[72] AHMED, FERAZ, US  
[72] ROACH, JACK R., US  
[72] HASTY, KENNETH L., US  
[71] AVM, INC., US  
[85] 2001-04-12  
[86] 2000-08-17 (PCT/US00/22556)  
[87] 2001-03-01 (WO01/14764)  
[30] US (60/149,754) 1999-08-19

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[21] **2,347,500**  
[13] A1  
[51] **Int.Cl. 7F04B 43/08**  
[25] EN  
[54] **LINEAR PERISTALTIC PUMP WITH RESHAPING FINGERS INTERDIGITATED WITH PUMPING ELEMENTS**  
[54] **POMPE PERISTALTIQUE LINEAIRE A DOIGTS DE REFORMAGE INTERDIGITES AVEC DES ELEMENTS DE POMPAGE**  
[72] LINDEMANN, GARY, US  
[72] HILL, ROGER J., US  
[72] COPP, HARRY C., US  
[72] OLIVER, JOSEPH A., US  
[72] MONTI, JAMES H., JR., US  
[71] B. BRAUN MEDICAL, INC., US  
[85] 2001-04-12  
[86] 1999-10-12 (PCT/US99/23761)  
[87] 2000-04-20 (WO00/22299)  
[30] US (09/169,892) 1998-10-12

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[21] **2,347,503**  
[13] A1  
[51] **Int.Cl. 7A61M 5/175 7A61M 5/142**  
[25] EN  
[54] **MEDICAL TUBING SLIDE CLAMP DEVICE FOR DETERMINING PROPER TUBING SIZE AND FUNCTIONAL CHARACTERISTICS**  
[54] **DISPOSITIF A PINCE COULISSANTE POUR CONDUIT A USAGE MEDICAL PERMETTANT DE DETERMINER LA TAILLE APPROPRIEE DU CONDUIT AINSI QUE SES CARACTERISTIQUES FONCTIONNELLES**  
[72] HILL, ROGER J., US  
[72] HARRISON, DAVID J., US  
[72] MONTI, JAMES H., US  
[71] B. BRAUN MEDICAL, INC., US  
[85] 2001-04-12  
[86] 1999-10-12 (PCT/US99/23739)  
[87] 2000-04-20 (WO00/21431)  
[30] US (09/169,901) 1998-10-12

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[21] **2,347,506**  
[13] A1  
[51] **Int.Cl. 6C07D 401/04 6A61K 31/505**  
[25] EN  
[54] **QUINAZOLINONE DERIVATIVES**  
[54] **DERIVES DE QUINAZOLINONE**  
[72] OHASHI, NAOHITO, JP  
[72] MORISHITA, KOJI, JP  
[72] MATSUI, KAZUKI, JP  
[72] MURAOKA, MASAMI, JP  
[71] SUMITOMO PHARMACEUTICALS CO., LTD., JP  
[85] 2001-04-12  
[86] 1999-10-07 (PCT/JP99/05560)  
[87] 2000-04-27 (WO00/23436)  
[30] JP (10/295050) 1998-10-16

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[21] **2,347,509**  
[13] A1  
[51] **Int.Cl. 7E06B 3/54**  
[25] EN  
[54] **CLAMPING FIXTURE FOR SECURING PANES OF GLASS**  
[54] **FERRURE DE SERRAGE POUR LA FIXATION DE VITRES**  
[72] KREYENBORG, RALF, DE  
[72] SCHULTE, DIRK, DE  
[71] DORMA GMBH + CO. KG, DE  
[85] 2001-04-12  
[86] 2000-08-15 (PCT/EP00/07941)  
[87] 2001-02-22 (WO01/12938)  
[30] DE (199 38 571.8) 1999-08-17

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## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,347,511</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H02P 7/00</b> [25] EN [54] <b>VOLUMETRIC FLOW EQUALIZING DRIVE CONTROL WHEEL</b> [54] <b>ROUE DE COMMANDE D'ENTRAINEMENT POUR L'EGALISATION DE DEBIT VOLUMETRIQUE</b> [72] STAVELY, ROBERTA, US [72] COPP, HARRY C., US [72] CRITTENDON, JOE C., US [72] HARRISON, DAVID J., US [71] B. BRAUN MEDICAL, INC., US [85] 2001-04-12 [86] 1999-10-12 (PCT/US99/23611) [87] 2000-04-20 (WO00/22724) [30] US (09/169,900) 1998-10-12</p>	<p style="text-align: right;">[21] <b>2,347,519</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/40</b> [25] EN [54] <b>REMEDIES FOR OCULAR DISEASES</b> [54] <b>MEDICAMENTS POUR MALADIES OCULAIRES</b> [72] KAGEYAMA, MASA AKI, JP [72] NAKATA, KATSUHIKO, JP [71] KYOWA HAKKO KOGYO CO., LTD., JP [71] CEPHALON INC., US [85] 2001-04-12 [86] 1999-10-12 (PCT/JP99/05605) [87] 2000-04-20 (WO00/21531) [30] JP (10/290194) 1998-10-13</p>	<p style="text-align: right;">[21] <b>2,347,536</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61M 16/00</b> [25] EN [54] <b>AEROSOL GENERATOR AND METHODS OF MAKING AND USING AN AEROSOL GENERATOR</b> [54] <b>ATOMISEUR ET PROCEDES DE FABRICATION ET D'UTILISATION D'UN ATOMISEUR</b> [72] COX, KENNETH A., US [72] BEANE, TIMOTHY PAUL, US [72] SPRINKEL, F. MURPHY JR., US [72] SWEENEY, WILLIAM R., US [72] NICHOLS, WALTER A., US [71] CHRYSALIS TECHNOLOGIES INCORPORATED, US [85] 2001-04-12 [86] 1999-10-14 (PCT/US99/24080) [87] 2000-04-20 (WO00/21598) [30] US (09/172,023) 1998-10-14</p>
<p style="text-align: right;">[21] <b>2,347,512</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07H 19/167 7A61K 31/70</b> [25] EN [54] <b>ADENINE DERIVATIVES</b> [54] <b>DERIVES D'ADENINE</b> [72] MONAGHAN, SANDRA MARINA, GB [72] MANTELL, SIMON JOHN, GB [71] PFIZER INC., US [85] 2001-04-12 [86] 1999-10-05 (PCT/IB99/01629) [87] 2000-04-27 (WO00/23457) [30] GB (9822702.8) 1998-10-16 [30] GB (9825383.4) 1998-11-19 [30] GB (9908931.0) 1999-04-19</p>	<p style="text-align: right;">[21] <b>2,347,531</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04B 1/707 7H04Q 7/32</b> [25] EN [54] <b>COMBINED SEARCHING AND PAGE MONITORING USING OFFLINE SAMPLE STORAGE</b> [54] <b>CONTROLE DE RECHERCHE DE PERSONNES ET D'ECHANTILLONS COMBINEE AU MOYEN D'UN ENREGISTREMENT D'ECHANTILLONS HORS LIGNE</b> [72] TIEDEMANN, EDWARD G., JR., US [72] ZHANG, HAITAO, US [72] BUTLER, BRIAN K., US [71] QUALCOMM INCORPORATED, US [85] 2001-04-12 [86] 1999-10-12 (PCT/US99/23829) [87] 2000-04-20 (WO00/22747) [30] US (09/172,067) 1998-10-13</p>	<p style="text-align: right;">[21] <b>2,347,538</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01G 19/387 7G01G 19/30</b> [25] EN [54] <b>METHOD AND APPARATUS FOR BATCHING-OUT ITEMS SUCH AS POULTRY PIECES</b> [54] <b>PROCEDE ET APPAREIL SERVANT A FORMER DES LOTS D'ARTICLES TELS QUE DES PIECES DE VOLAILLE</b> [72] JENSEN, SVEND BAEKHOJ, DK [71] SCANVAEGT INTERNATIONAL A/S, DK [85] 2001-04-12 [86] 1999-10-15 (PCT/DK99/00564) [87] 2000-04-27 (WO00/23771) [30] DK (PA 1998 01319) 1998-10-15</p>
<p style="text-align: right;">[21] <b>2,347,515</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07H 15/252</b> [25] EN [54] <b>CRYSTALLIZATION OF DOXORUBICIN HYDROCHLORIDE</b> [54] <b>CRISTALLISATION DE CHLORHYDRATE DE DOXORUBICINE</b> [72] NAKAO, TAKUMA, JP [72] YOSHIOKA, TAKEO, JP [72] JOHDO, OSAMU, JP [71] MERCIAN CORPORATION, JP [85] 2001-04-12 [86] 1999-10-15 (PCT/JP99/05699) [87] 2000-04-27 (WO00/23453) [30] JP (10/309542) 1998-10-16</p>	<p style="text-align: right;">[21] <b>2,347,532</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01H 9/00 6H01H 77/10</b> [25] EN [54] <b>MID-TRIP STOP FOR CIRCUIT BREAKER</b> [54] <b>BUTEE A MI-COURSE POUR DISJONCTEUR</b> [72] RUNYAN, DANIEL, US [71] AIRPAX CORPORATION, L.L.C., US [85] 2001-04-12 [86] 1999-10-15 (PCT/US99/24394) [87] 2000-04-27 (WO00/24014) [30] US (09/174,165) 1998-10-16</p>	

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[21] **2,347,539**  
[13] A1

[51] **Int.Cl. 7G01G 19/387 7G01G 19/30**  
[25] EN  
[54] **METHOD FOR WEIGHT CONTROLLED BATCHING OUT OF ARTICLES HAVING NON-UNIFORM WEIGHT**  
[54] **PROCEDE SERVANT A FORMER, AU MOYEN D'UNE COMMANDE DE POIDS, DES LOTS D'ARTICLES DE POIDS NON UNIFORME**  
[72] NIELSEN, ULRICH CARLIN, DK  
[72] JENSEN, SVEND BAEKHOJ, DK  
[71] SCANVAEGT INTERNATIONAL A/S, DK  
[85] 2001-04-12  
[86] 1999-10-15 (PCT/DK99/00566)  
[87] 2000-04-27 (WO00/23772)  
[30] DK (PA 1998 01318) 1998-10-15  
[30] DK (PA 1998 01319) 1998-10-15  
[30] DK (PA 1999 00073) 1999-01-22

[21] **2,347,541**  
[13] A1

[51] **Int.Cl. 7H02K 1/06**  
[25] EN  
[54] **CONSTRUCTION OF AN ELECTRICAL MACHINE WITH INDIVIDUAL POLE WINDINGS**  
[54] **CONSTRUCTION D'UN MOTEUR ELECTRIQUE A ENROULEMENTS UNIPOLAIRES**  
[72] WEGERER, KRISTINA, DE  
[71] WEGERER, KRISTINA, DE  
[85] 2001-04-12  
[86] 2000-02-17 (PCT/DE00/00447)  
[87] 2000-08-24 (WO00/49701)  
[30] DE (199 06 484.9) 1999-02-17

[21] **2,347,542**  
[13] A1

[51] **Int.Cl. 7H05B 37/00 7H05B 37/02 7H05B 39/04 7H04M 11/04**  
[25] EN  
[54] **HID BALLAST CIRCUIT WITH ARC STABILIZATION**  
[54] **CIRCUIT DE BALLAST DHI, A STABILISATION D'ARC**  
[72] MOISIN, MIHAIL S., US  
[71] ELECTRO-MAG INTERNATIONAL, INC., US  
[85] 2001-04-12  
[86] 1999-09-28 (PCT/US99/22370)  
[87] 2000-04-20 (WO00/22889)  
[30] US (09/173,519) 1998-10-15

[21] **2,347,544**  
[13] A1

[51] **Int.Cl. 6A61B 5/00**  
[25] EN  
[54] **PERSONAL COMPUTER CARD FOR COLLECTION OF REAL-TIME BIOLOGICAL DATA**  
[54] **CARTE D'ORDINATEUR PERSONNEL POUR LA COLLECTE DE DONNEES BIOLOGIQUES EN TEMPS REEL**  
[72] LIEN, SPENCER J., US  
[72] LICHTER, PATRICK A., US  
[71] QRS DIAGNOSTIC, LLC, US  
[85] 2001-04-12  
[86] 1999-09-28 (PCT/US99/22644)  
[87] 2000-04-20 (WO00/21434)  
[30] US (09/173,059) 1998-10-15

[21] **2,347,549**  
[13] A1

[51] **Int.Cl. 6G11C 29/00 6G01R 31/3193**  
[25] EN  
[54] **HIGH SPEED MEMORY TEST SYSTEM WITH INTERMEDIATE STORAGE BUFFER AND METHOD OF TESTING**  
[54] **SYSTEME DE TEST A MEMOIRE RAPIDE AVEC TAMPON DE MEMORISATION INTERMEDIAIRE ET PROCEDE S'Y RAPPORTANT**  
[72] DEAS, ALEXANDER ROGER, GB  
[72] DEMIDOV, VADIM SERGEEVICH, RU  
[71] PROCESS INTELLIGENCE CANADA INC., CA  
[85] 2001-04-13  
[86] 1999-03-11 (PCT/RU99/00068)  
[87] 1999-09-16 (WO99/46778)  
[30] GB (9805054.5) 1998-03-11

[21] **2,347,550**  
[13] A1

[51] **Int.Cl. 7C08G 8/24**  
[25] EN  
[54] **BONDING RESINS**  
[54] **RESINES DE LIAISON**  
[72] VERGOPOULOU-MARKESSINI, EFTHALIA, GR  
[72] TSIAANTZI, SOFIA, GR  
[71] ENIGMA N.V., AN  
[85] 2001-04-18  
[86] 1999-10-15 (PCT/GR99/00040)  
[87] 2000-04-27 (WO00/23490)  
[30] US (60/104,784) 1998-10-19  
[30] GB (9822801.8) 1998-10-19

[21] **2,347,553**  
[13] A1

[51] **Int.Cl. 6G01N 33/49 6G01N 33/566**  
[25] EN  
[54] **METHOD FOR MEASURING CELLULAR ADHESION**  
[54] **PROCEDE DE MESURE DE L'ADHERENCE CELLULAIRE**  
[72] DOPHEIDE, SACHA MARIE, AU  
[72] COOKE, BRIAN MARK, AU  
[72] JACKSON, SHAUN PHILLIP, AU  
[71] MONASH UNIVERSITY, AU  
[85] 2001-04-18  
[86] 1999-10-20 (PCT/AU99/00901)  
[87] 2000-04-27 (WO00/23802)  
[30] AU (PP 6607) 1998-10-20

[21] **2,347,554**  
[13] A1

[51] **Int.Cl. 6F25J 1/00**  
[25] EN  
[54] **VOLATILE COMPONENT REMOVAL PROCESS FROM NATURAL GAS**  
[54] **PROCEDE D'ELIMINATION D'UN COMPOSANT VOLATIL DU GAZ NATUREL**  
[72] COLE, ERIC T., US  
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US  
[85] 2001-04-17  
[86] 1999-10-22 (PCT/US99/24044)  
[87] 2000-04-27 (WO00/23756)  
[30] US (60/105,283) 1998-10-22

[21] **2,347,557**  
[13] A1

[51] **Int.Cl. 7F16F 1/40 7B60G 11/22**  
[25] EN  
[54] **ELASTOMERIC MOUNTING (B)**  
[54] **MONTAGE ELASTOMERE (B)**  
[72] NEWMAN, DONALD JAMES, GB  
[71] TRELLEBORG AB, SE  
[85] 2001-04-17  
[86] 1999-10-20 (PCT/GB99/03477)  
[87] 2000-04-27 (WO00/23725)  
[30] GB (9822918.0) 1998-10-21



## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,347,558</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B67D 5/04</b> [25] EN [54] <b>COMPRESSED GAS MANIFOLD</b> [54] <b>COLLECTEUR DE GAZ</b> <b>COMPRIME</b> [72] WOZNIAK, JOHN J., US [72] HILDEBRAND, RICHARD J., US [71] THE JOHNS HOPKINS UNIVERSITY, US [85] 2001-04-17 [86] 1999-10-27 (PCT/US99/25228) [87] 2000-05-04 (WO00/24669) [30] US (60/105,889) 1998-10-27</p>	<p style="text-align: right;">[21] <b>2,347,858</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C25C 3/16</b> [25] EN [54] <b>CATHODE COLLECTOR BAR</b> <b>WITH SPACER FOR IMPROVED HEAT</b> <b>BALANCE</b> [54] <b>BARRE COLLECTRICE DE</b> <b>CATHODE AVEC ELEMENT</b> <b>D'ESPACEMENT PERMETTANT</b> <b>D'AMELIORER LE BILAN</b> <b>THERMIQUE</b> [72] PEARSON, LOUISE, CA [72] HOMLEY, GRAHAM E., AU [72] GAUTHIER, CLAUDE, CA [71] ALCOA INC., US [85] 2001-04-24 [86] 2000-10-10 (PCT/US00/27936) [87] 2001-04-19 (WO01/27353) [30] US (08/416,767) 1999-10-13 [30] US (09/546,273) 2000-04-10</p>	<p style="text-align: right;">[21] <b>2,347,862</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E21B 33/08</b> [25] EN [54] <b>REMOTELY CONTROLLED</b> <b>ASSEMBLY FOR WELLBORE FLOW</b> <b>DIVERTER</b> [54] <b>ENSEMBLE TELECOMMANDE</b> <b>POUR DEVIATEUR DE FLUX DANS UN</b> <b>PUITS DE FORAGE</b> [72] KUCK, MARC DAVID, US [72] BAILEY, THOMAS FLOYD, US [71] WEATHERFORD/LAMB, INC., US [85] 2001-04-24 [86] 1999-10-27 (PCT/GB99/03562) [87] 2000-05-11 (WO00/26495) [30] US (09/183,956) 1998-10-31</p>
<p style="text-align: right;">[21] <b>2,347,559</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F16F 1/371 7B60G 7/04</b> <b>7B61F 5/08 7B61F 5/14 7B60G 11/22</b> <b>7B61F 5/30 7F16F 1/44</b> [25] EN [54] <b>ELASTOMERIC MOUNTING (C)</b> [54] <b>MONTAGE ELASTOMERE (C)</b> [72] NEWMAN, DONALD JAMES, GB [71] TRELLEBORG AB, SE [85] 2001-04-17 [86] 1999-10-20 (PCT/GB99/03473) [87] 2000-04-27 (WO00/23723) [30] GB (9822917.2) 1998-10-21</p>	<p style="text-align: right;">[21] <b>2,347,860</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G04B 19/08</b> [25] EN [54] <b>CLOCK</b> [54] <b>MONTRE</b> [72] GREUBEL, ROBERT, CH [72] FORSEY, STEPHEN, CH [72] ERMEL, JOHN C., CH [71] ERMEL, JOHN C., CH [85] 2001-04-24 [86] 2000-09-01 (PCT/CH00/00466) [87] 2001-03-15 (WO01/18612) [30] CH (1603/99) 1999-09-02</p>	<p style="text-align: right;">[21] <b>2,347,865</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 7/38</b> [25] EN [54] <b>METHOD OF AUTHENTICATING</b> <b>A MOBILE STATION HANDING-OFF</b> <b>FROM AN ANCHOR EXCHANGE TO A</b> <b>SERVING EXCHANGE</b> [54] <b>PROCEDE</b> <b>D'AUTHENTICIFICATION DU</b> <b>TRANSFERT D'UNE STATION MOBILE</b> <b>D'UN CENTRAL D'ANCRAGE VERS UN</b> <b>CENTRAL DE DESSERTTE</b> [72] NGUYEN, BINH, CA [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2001-04-24 [86] 1999-09-28 (PCT/SE99/01717) [87] 2000-05-11 (WO00/27156) [30] US (09/183,445) 1998-10-30</p>
<p style="text-align: right;">[21] <b>2,347,597</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61F 13/15 7B32B 7/12</b> <b>7B32B 3/26</b> [25] EN [54] <b>TOPSHEET SYSTEM FOR</b> <b>ABSORBENT ARTICLES</b> [54] <b>SYSTEME A COUCHE</b> <b>SUPERIEURE POUR ARTICLES</b> <b>ABSORBANTS</b> [72] HASSE, MARGARET HENDERSON, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2001-04-24 [86] 1999-10-27 (PCT/US99/25268) [87] 2000-05-11 (WO00/25714) [30] US (09/183,289) 1998-10-30</p>	<p style="text-align: right;">[21] <b>2,347,861</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C11D 3/37 7C11D 1/12</b> <b>7C11D 1/28 7C11D 1/82</b> [25] EN [54] <b>WRINKLE REDUCTION</b> <b>LAUNDRY PRODUCT COMPOSITIONS</b> [54] <b>COMPOSITIONS POUR LESSIVES</b> <b>REDUISANT LE FROISSAGE</b> [72] FOX, DANIEL JOSEPH, US [72] MURPHY, DENNIS STEPHEN, US [71] UNILEVER PLC, GB [85] 2001-04-24 [86] 1999-10-21 (PCT/EP99/08319) [87] 2000-05-04 (WO00/24857) [30] US (60/105,865) 1998-10-27 [30] US (09/293,754) 1999-04-16 [30] US (09/393,831) 1999-09-10</p>	<p style="text-align: right;">[21] <b>2,347,867</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H05B 6/64</b> [25] EN [54] <b>HEATING ARRANGEMENT</b> [54] <b>SYSTEME DE CHAUFFAGE</b> [72] REICHEL, HELMUT, DE [71] MOLEKULARE ENERGIETECHNIK AG, LI [85] 2001-04-24 [86] 1999-10-09 (PCT/EP99/07583) [87] 2000-05-04 (WO00/25552) [30] DE (198 49 432.7) 1998-10-27</p>

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[21] **2,347,868**  
[13] A1

[51] **Int.Cl. 7B05D 3/06 7B05D 3/02**  
[25] EN  
[54] **METHOD FOR MULTI-LAYER VARNISHING**  
[54] **PROCEDE POUR L'APPLICATION D'UNE PEINTURE A PLUSIEURS COUCHES**  
[72] ZEYEN, JENS, DE  
[72] KIMPEL, CHRISTINE, DE  
[72] FEYRER, WOLFGANG, DE  
[72] MAAG, KARIN, DE  
[72] LOFFLER, HELMUT, DE  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2001-04-24  
[86] 1999-11-24 (PCT/EP99/09064)  
[87] 2000-06-22 (WO00/35598)  
[30] DE (198 57 941.1) 1998-12-16

[21] **2,347,882**  
[13] A1

[51] **Int.Cl. 6C07C 231/06**  
[25] EN  
[54] **PRODUCTION OF AMIDES AND/OR ACIDS FROM NITRILES**  
[54] **PRODUCTION D'AMIDES ET/OU D'ACIDES A PARTIR DE NITRILES**  
[72] STEYNBERG, PETRUS JOHANNES, ZA  
[72] STARK, NICOLAUS LADISLAUS, ZA  
[72] STEYN, RIAN, ZA  
[72] DENGGA, ZAMILE, ZA  
[72] BEZUIDENHOUT, BAREND CHRISTIAAN BUURMAN, ZA  
[71] CATALYTIC DISTILLATION TECHNOLOGIES, US  
[85] 2001-04-24  
[86] 1998-10-30 (PCT/US98/23083)  
[87] 2000-05-11 (WO00/26178)

[21] **2,347,885**  
[13] A1

[51] **Int.Cl. 7C07C 7/20 7C09K 15/18**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR INHIBITING POLYMERIZATION OF ETHYLENICALLY UNSATURATED HYDROCARBONS**  
[54] **PROCEDES ET COMPOSITIONS POUR INHIBER LA POLYMERISATION D'HYDROCARBURES INSATURES EN ETHYLENE**  
[72] ELGIN, SHERIF, US  
[71] BETZDEARBORN INC., US  
[85] 2001-04-24  
[86] 1999-11-03 (PCT/US99/23996)  
[87] 2000-05-18 (WO00/27780)  
[30] US (09/186,832) 1998-11-05

[21] **2,347,871**  
[13] A1

[51] **Int.Cl. 7H04L 29/06**  
[25] EN  
[54] **DATA TRANSPORT**  
[54] **TRANSPORT DE DONNEES**  
[72] O'DONNELL, JOHN MARTIN, GB  
[72] DALBY, DAVID, GB  
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB  
[85] 2001-04-24  
[86] 1999-10-15 (PCT/GB99/03416)  
[87] 2000-05-11 (WO00/27087)  
[30] EP (98308894.9) 1998-10-30

[21] **2,347,883**  
[13] A1

[51] **Int.Cl. 7C09D 175/04 7C08G 18/34 7C08G 18/83**  
[25] EN  
[54] **AQUEOUS COATING COMPOSITION COMPRISING A MIXTURE OF POLYURETHANE DISPERSIONS**  
[54] **COMPOSITION DE REVETEMENT AQUEUSE COMPRENANT UN MELANGE DE DISPERSIONS DE POLYURETHANNE**  
[72] GEURINK, PETRUS JOHANNES ARNOLDUS, NL  
[72] VERBIEST, RUDOLF, NL  
[72] SCHIPPER, KATINKA, NL  
[71] AKZO NOBEL N.V., NL  
[85] 2001-04-24  
[86] 1999-10-20 (PCT/EP99/08158)  
[87] 2000-05-04 (WO00/24837)  
[30] EP (98203590.9) 1998-10-26

[21] **2,347,886**  
[13] A1

[51] **Int.Cl. 6C08K 3/20 6C08K 3/10 6C09C 1/34**  
[25] EN  
[54] **INFRARED REFLECTIVE COLOR PIGMENT**  
[54] **PIGMENTS DE COULEUR REFLECHISSANT LES RAYONS INFRAROUGES**  
[72] SLIWINSKI, TERRENCE R., US  
[72] PIPOLY, RICHARD A., US  
[72] BLONSKI, ROBERT P., US  
[71] FERRO CORPORATION, US  
[85] 2001-04-24  
[86] 1999-10-22 (PCT/US99/24856)  
[87] 2000-05-04 (WO00/24817)  
[30] US (09/178,957) 1998-10-26

[21] **2,347,878**  
[13] A1

[51] **Int.Cl. 6B42D 15/00 6B42D 3/00 6B42F 3/00**  
[25] EN  
[54] **DOUBLE VISION COVER AND BINDER ASSEMBLY**  
[54] **ENSEMBLE RELIURE ET PLATS DE RELIURE A VISUEL DOUBLE**  
[72] CARTER, BRUCE ALLEN, US  
[72] YAMAMOTO, NORMAN, US  
[72] JOE, LAUREL S., US  
[72] RAUCH, CLOYD DIXON III, US  
[71] AVERY DENNISON CORPORATION, US  
[85] 2001-04-24  
[86] 1999-09-17 (PCT/US99/21508)  
[87] 2000-03-30 (WO00/16989)  
[30] US (09/156,242) 1998-09-18

[21] **2,347,887**  
[13] A1

[51] **Int.Cl. 7C11D 17/04**  
[25] EN  
[54] **LAUNDRY CARE PRODUCTS AND COMPOSITIONS**  
[54] **PRODUITS D'ENTRETIEN DE BLANCHISSERIE ET COMPOSITIONS A CET EFFET**  
[72] ZUCKER, SHERRYL ILANA, US  
[72] BISHOP, CAROL CALDWELL, US  
[72] HAUBERT, HARRY HAMILTON, US  
[72] GOMES, FILOMENA AUGUSTA, US  
[72] MURPHY, DENNIS STEPHEN, US  
[72] CICCARI, KARLA JEAN, US  
[71] UNILEVER PLC, GB  
[85] 2001-04-24  
[86] 1999-10-21 (PCT/EP99/08321)  
[87] 2000-05-18 (WO00/27991)  
[30] US (60/105,866) 1998-10-27  
[30] US (09/293,584) 1999-04-16

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,347,888</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F01D 5/18</b> [25] EN [54] <b>FILM COOLING HOLE CONSTRUCTION IN GAS TURBINE MOVING-VANES</b> [54] <b>CONFIGURATION A TROUS DE REFROIDISSEMENT POUR PELLICULE D'AIR DANS LES AUBES MOBILES D'UNE TURBINE A GAZ</b> [72] YURI, MASANORI, JP [71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP [85] 2001-04-24 [86] 1999-09-16 (PCT/JP99/05047) [87] 2001-03-22 (WO01/20133)</p>	<p style="text-align: right;">[21] <b>2,347,891</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 35/74 7A23L 1/03 7A23L 1/303 7A23L 1/304</b> [25] EN [54] <b>COMPOSITION COMPRISING MICRONUTRIENTS IN COMBINATION WITH PREBIOTICS, PROBIOTICS, AND/OR SYNBIOTICS</b> [54] <b>COMPOSITION COMPRENANT DES OLIGO-ELEMENTS ASSOCIES A DES PREBIOTIQUES, DES PROBIOTIQUES, ET/OU DES SYNBIOTIQUES</b> [72] ZLOTKIN, STANLEY H., CA [71] ZLOTKIN, STANLEY H., CA [85] 2001-04-24 [86] 2000-08-28 (PCT/CA00/00990) [87] 2001-03-08 (WO01/15714) [30] CA (2,281,463) 1999-08-26</p>	<p style="text-align: right;">[21] <b>2,347,893</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04K 1/00</b> [25] EN [54] <b>METHOD AND APPARATUS FOR SECURE DISTRIBUTION OF AUTHENTICATION CREDENTIALS TO ROAMING USERS</b> [54] <b>PROCEDE ET APPAREIL PERMETTANT DE DISTRIBUER DE MANIERE SURE DES JUSTIFICATIFS D'AUTHENTIFICATION A DES ABONNES ITINERANTS</b> [72] VARADARAJAN, RAMMOHAN, US [72] KAUSIK, BALAS NATARAJAN, US [71] ARCOT SYSTEMS, INC., US [85] 2001-04-24 [86] 1999-11-19 (PCT/US99/27621) [87] 2000-05-25 (WO00/30285) [30] US (09/196,430) 1998-11-19</p>
<p style="text-align: right;">[21] <b>2,347,889</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A47L 5/00</b> [25] EN [54] <b>OUTLET PRIMING SELF-EVACUATING VACUUM CLEANER</b> [54] <b>ASPIRATEUR A EVACUATION AUTOMATIQUE ET SYSTEME D'AMORCAGE A PARTIR DE LA SORTIE DE LA POMPE</b> [72] BERFIELD, ROBERT C., US [71] SHOP VAC CORPORATION, US [85] 2001-04-24 [86] 1999-06-23 (PCT/US99/14109) [87] 2000-07-27 (WO00/42893) [30] US (09/234,557) 1999-01-20</p>	<p style="text-align: right;">[21] <b>2,347,892</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C09J 7/02 7B60J 10/02 7C09J 5/06 7B32B 27/08 7B29C 65/34</b> [25] EN [54] <b>BENDABLE ARTICLE CONTAINING A HEATING ELEMENT, ASSEMBLIES MADE THEREWITH, AND A METHOD OF USING SAID ARTICLE</b> [54] <b>OBJET PLIABLE A ELEMENT CHAUFFANT, ASSEMBLAGES FABRIQUES AVEC, ET PROCEDE D'UTILISATION DUDIT OBJET</b> [72] SOBON, CHRISTINE A., US [72] BOETTCHER, ROBERT J., US [72] MICKUS, DANIEL E., US [72] JOHNSON, MICHAEL A., US [72] GEORGE, CLAYTON A., US [72] AMELL, GREGORY G., US [72] ROBBINS, WILLIAM B., US [72] LAPPI, LARRY R., US [71] 3M INNOVATIVE PROPERTIES COMPANY, US [85] 2001-04-24 [86] 1999-10-15 (PCT/US99/24255) [87] 2000-05-18 (WO00/27941) [30] US (09/189,045) 1998-11-09</p>	<p style="text-align: right;">[21] <b>2,347,894</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B31F 1/14 7D21H 27/00</b> [25] EN [54] <b>QUALITY CREPE PAPER MAKING METHOD</b> [54] <b>PROCEDE DE FABRICATION DE PAPIER CREPE DE QUALITE</b> [72] SEKIYA, KUNIO, JP [72] SEKIYA, HIROSI, JP [71] MAINTECH CO., LTD., JP [85] 2001-04-24 [86] 2000-08-22 (PCT/JP00/05612) [87] 2001-03-01 (WO01/14131) [30] JP (11/237649) 1999-08-24</p>
<p style="text-align: right;">[21] <b>2,347,890</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G05F 1/40 7G05F 1/44 7G05F 1/56</b> [25] EN [54] <b>HIGH EFFICIENCY POWER SUPPLY FOR A TWO-WIRE LOOP POWERED DEVICE</b> [54] <b>ALIMENTATION ELECTRIQUE A RENDEMENT ELEVE POUR DISPOSITIF A DEUX CONDUCTEURS A ALIMENTATION EN BOUCLE</b> [72] HAFER, KEVIN G., US [72] KRAMER, L. JONATHAN, US [71] AMETEK DREXELBROOK, US [85] 2001-04-24 [86] 1999-11-03 (PCT/US99/25815) [87] 2000-05-11 (WO00/26739) [30] US (60/106,769) 1998-11-03</p>	<p style="text-align: right;">[21] <b>2,347,895</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E21B 29/10 7E21B 17/02 7E21B 17/08 7E21B 43/10</b> [25] EN [54] <b>CONNECTOR FOR AN EXPANDABLE TUBING STRING</b> [54] <b>RACCORD POUR TRAIN DE TIGES EXPANSIBLE</b> [72] WRIGHT, RALPH, GB [72] BAILEY, THOMAS, US [72] SMALLEY, MICHAEL, US [72] HAUGEN, DAVID, US [72] TILTON, FREDERICK, US [71] WEATHERFORD/LAMB, INC., US [85] 2001-04-24 [86] 1999-10-29 (PCT/GB99/03585) [87] 2000-05-11 (WO00/26502) [30] US (09/183,943) 1998-10-31</p>	

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[21] **2,347,897**

[13] A1

[51] **Int.Cl. 7C08F 8/30 7A61L 15/00**  
[25] EN  
[54] **METHOD FOR THE SECONDARY CROSS-LINKING OF HYDROGELS WITH 2-OXOTETRAHYDRO-1,3-OXAZINES**  
[54] **PROCEDE DE POST-RETICULATION D'HYDROGELS AVEC DES 2-OXOTETRAHYDRO-1,3-OXAZINES**  
[72] DANIEL, THOMAS, US  
[72] FRENZ, VOLKER, DE  
[72] RIEGEL, ULRICH, DE  
[72] WEISMANTEL, MATTHIAS, DE  
[72] ENGELHARDT, FRITZ, US  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2001-04-24  
[86] 1999-11-23 (PCT/EP99/09003)  
[87] 2000-06-02 (WO00/31153)  
[30] DE (198 54 573.8) 1998-11-26

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[21] **2,348,675**

[13] A1

[51] **Int.Cl. 6C12N 15/64**  
[25] EN  
[54] **METHODS FOR PREPARING POLYNUCLEOTIDE TRANSFECTION COMPLEXES**  
[54] **METHODES DE PREPARATION DE COMPLEXES DE TRANSFECTION POLYNUCLEOTIDIQUES**  
[72] BRIDENBAUGH, ROBERT, US  
[72] KOE, GARY, US  
[72] DANG, WARREN, US  
[71] MEGABIOS CORPORATION, US  
[85] 2001-04-23  
[86] 1998-10-23 (PCT/US98/22518)  
[87] 1999-05-06 (WO99/22009)  
[30] US (60/063,126) 1997-10-24  
[30] US (60/094,437) 1998-07-28

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[21] **2,348,132**

[13] A1

[51] **Int.Cl. 7C12Q 1/68 7G01N 33/50 7C12N 15/85**  
[25] EN  
[54] **A SYSTEM FOR CELL-BASED SCREENING**  
[54] **SYSTEME DE CRIBLAGE POUR CELLULES**  
[72] BURROUGHS-TENCZA, SARAH, US  
[72] BRIGHT, GARY, US  
[72] OLSON, KEITH, US  
[72] GUILIANO, KENNETH A., US  
[71] CELLOMICS, INC., US  
[85] 2001-04-30  
[86] 1999-10-29 (PCT/US99/25431)  
[87] 2000-05-11 (WO00/26408)  
[30] US (60/106,308) 1998-10-30  
[30] US (60/136,078) 1999-05-26

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[21] **2,348,638**

[13] A1

[51] **Int.Cl. 6G06F 17/00**  
[25] EN  
[54] **ON-LINE MARKETING SYSTEM AND METHOD**  
[54] **SYSTEME DE MARKETING EN LIGNE ET PROCEDE CORRESPONDANT**  
[72] PALLAKOFF, MATTHEW G., US  
[71] MOBSHOP, INC., US  
[85] 2001-02-23  
[86] 1999-08-18 (PCT/US99/18879)  
[87] 2000-03-02 (WO00/11570)  
[30] US (60/097,932) 1998-08-25  
[30] US (60/097,933) 1998-08-25

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[21] **2,345,952**  
[13] A1

[51] **Int.Cl. 7C05G 1/00**  
[25] EN  
[54] **SOLUBILITY COMPOUND  
FERTILIZER COMPOSITIONS**  
[54] **COMPOSITIONS POUR ENGRAIS  
SOLUBLE**  
[72] PETERS, ROBERT, US  
[72] VETANOVAZ, RICHARD P., US  
[71] GRACE SIERRA HORTICULTURAL  
PRODUCTS COMPANY, US  
[22] 1992-01-31  
[43] 1992-08-20  
[62] 2,101,554  
[30] US (648,644) 1991-01-31

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[21] **2,346,964**  
[13] A1

[51] **Int.Cl. 7A23L 1/18**  
[25] EN  
[54] **PUFFED FOOD STARCH  
PRODUCT**  
[54] **AMIDON ALIMENTAIRE  
SOUFFLE**  
[72] MALFAIT, JACQUE L., CA  
[71] THE QUAKER OATS COMPANY, US  
[22] 1999-03-29  
[43] 2000-08-01  
[62] 2,267,088

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[21] **2,346,974**  
[13] A1

[51] **Int.Cl. 7G01N 33/49 7G01N 21/01  
7G01N 1/18 7B01D 21/26 7G01N 33/483**  
[25] EN  
[54] **ANALYTICAL ROTORS AND  
METHODS FOR ANALYSIS OF  
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[54] **CENTRIFUGEUR POUR  
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BIOLOGIQUES**  
[72] BURD, TAMMY LEIGH, US  
[72] SCHEMBRI, CAROL T., US  
[72] OSTOICH, VLADIMIR, US  
[72] BRAYNIN, BORIS, US  
[71] ABAXIS, INC., US  
[22] 1991-05-31  
[43] 1991-12-12  
[62] 2,082,827  
[30] US (532,524) 1990-06-04  
[30] US (678,762) 1991-04-01  
[30] US (678,823) 1991-04-01  
[30] US (678,824) 1991-04-01

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[21] **2,346,975**  
[13] A1

[51] **Int.Cl. 7G01N 33/49 7G01N 21/01  
7B01D 21/26 7G01N 1/28 7G01N 33/483**  
[25] EN  
[54] **ANALYTICAL ROTORS AND  
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[54] **CENTRIFUGEUR POUR  
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[72] OSTOICH, VLADIMIR, US  
[72] BRAYNIN, BORIS, US  
[72] SCHEMBRI, CAROL T., US  
[71] ABAXIS, INC., US  
[22] 1991-05-31  
[43] 1991-12-12  
[62] 2,082,827  
[30] US (532,524) 1990-06-04  
[30] US (678,762) 1991-04-01  
[30] US (678,823) 1991-04-01  
[30] US (678,824) 1991-04-01

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[21] **2,346,997**  
[13] A1

[51] **Int.Cl. 7C07K 16/24 7C12P 21/02  
7C12N 15/19 7C07K 14/52**  
[25] EN  
[54] **CYTOTOXIC LYMPHOCYTE  
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DIRECTED THERETO**  
[54] **FACTEUR DE MATURATION DE  
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ANTICORPS MONOCLONAUX  
DIRIGES VERS CE FACTEUR**  
[72] PAN, YU-CHING EUGENE, US  
[72] PODLASKI, FRANK JOHN, US  
[72] GUBLER, ULRICH ANDREAS, US  
[72] STERN, ALVIN SETH, US  
[72] HULMES, JEFFREY DAVID, US  
[72] GATELY, MAURICE KENT, US  
[72] CHIZZONITE, RICHARD ANTHONY,  
US  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[22] 1990-12-19  
[43] 1991-06-23  
[62] 2,032,653  
[30] US (455,708) 1989-12-22  
[30] US (520,935) 1990-05-09  
[30] US (572,284) 1990-08-27

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[21] **2,347,024**  
[13] A1

[51] **Int.Cl. 7B29C 47/20 7B29D 23/00  
7A61M 25/00**  
[25] EN  
[54] **METHOD FOR MAKING TUBING**  
[54] **TUBES ET PROCEDE POUR LEUR  
FABRICATION**  
[72] WANG, JAMES C., US  
[71] WANG, JAMES C., US  
[22] 1995-04-03  
[43] 1995-11-02  
[62] 2,188,013  
[30] US (08/230,333) 1994-04-20

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[21] **2,347,252**  
[13] A1

[51] **Int.Cl. 7H04L 27/26**  
[25] EN  
[54] **TRANSMITTER AND METHOD FOR TRANSMITTING A PATTERN IN A MULTICARRIER MODULATION TRANSMISSION SYSTEM**  
[54] **TRANSMETTEUR ET PROCEDE POUR TRANSMETTRE UN DIAGRAMME DANS UN SYSTEME DE TRANSMISSION A MODULATION MULTIPORTEUSE**  
[72] CHOW, JACKY S., US  
[72] ASLANIS, JAMES T., US  
[71] AMATI COMMUNICATIONS CORPORATION, US  
[22] 1995-07-11  
[43] 1996-02-01  
[62] 2,194,972  
[30] US (08/275,409) 1994-07-15

[21] **2,347,268**  
[13] A1

[51] **Int.Cl. 7H04L 7/08 7H04L 5/06**  
[25] EN  
[54] **TRANSMISSION SYSTEM USING MULTICARRIER MODULATION UTILISANT UNE MODULATION MULTIPORTEUSE**  
[72] CHOW, JACKY S., US  
[72] ASLANIS, JAMES T., US  
[71] AMATI COMMUNICATIONS CORPORATION, US  
[22] 1995-07-11  
[43] 1996-02-01  
[62] 2,194,972  
[30] US (08/275,409) 1994-07-15

[21] **2,347,277**  
[13] A1

[51] **Int.Cl. 7A61M 39/10 7A61M 3/00 7A61M 39/00**  
[25] EN  
[54] **MEDICAL LAVAGE APPARATUS AND METHODS**  
[54] **DISPOSITIF ET METHODES DE LAVAGE MEDICAL**  
[72] HOUGHTON, WILLIAM R., US  
[72] PALMER, DARREL, US  
[71] BALLARD MEDIAL PRODUCTS, US  
[22] 1993-07-15  
[43] 1994-02-17  
[62] 2,119,243  
[30] US (07/923,706) 1992-07-31

[21] **2,347,280**  
[13] A1

[51] **Int.Cl. 7C07F 9/6512 7C07D 239/47**  
[25] EN  
[54] **NOVEL PROCESS FOR THE PREPARATION OF NUCLEOTIDES**  
[54] **NOUVEAU PROCEDE POUR LA PREPARATION DE NUCLEOTIDES**  
[72] VEMISHETTI, PURUSHOTHAM, US  
[72] BRODFUEHRER, PAUL R., US  
[72] SAPINO, CHESTER JR., US  
[72] HOWELL, HENRY G., US  
[71] REGA STICHTING, VZW, BE  
[71] INSTITUTE OF CHEMISTRY AND BIOCHEMISTRY OF THE ACADEMY OF SCIENCES OF CZ, CZ  
[22] 1991-08-06  
[43] 1992-01-20  
[62] 2,088,363  
[30] US (07/566,200) 1990-08-10

[21] **2,347,336**  
[13] A1

[51] **Int.Cl. 7C07H 19/167 7A61P 3/10 7A61P 9/10 7A61K 31/7076**  
[25] EN  
[54] **A1 ADENOSINE RECEPTOR AGONISTS**  
[54] **AGONISTES DU RECEPTEUR A1 ADENOSINE**  
[72] SCHREINER, GEORGE FREDERIC, US  
[72] BAKER, STEPHEN, US  
[72] OLSSON, RAY, US  
[72] BELARDINELLI, LUIZ, US  
[72] MILNER, PETER GERARD, US  
[72] PFISTER, JURG ROLAND, US  
[72] SCAMMELLS, PETER J., AU  
[71] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., US  
[22] 1994-10-28  
[43] 1995-05-04  
[62] 2,172,726  
[30] US (144,459) 1993-10-28

[21] **2,347,345**  
[13] A1

[51] **Int.Cl. 7C07J 71/00 7C07D 301/03**  
[25] EN  
[54] **PROCESS FOR PREPARATION OF 7 ALPHA-CARBOXYL 9,11-EPOXY STEROIDS AND INTERMEDIATES USEFUL THEREIN AND A GENERAL PROCESS FOR THE EPOXIDATION OF OLIFINIC DOUBLE BONDS**  
[54] **PROCEDES DE PREPARATION DE STEROIDES 7.ALPHA.-CARBOXYLYL9,11-EPOXY ET INTERMEDIAIRES UTILES DANS CES PROCEDES ET PROCEDE GENERAL D'EPOXYDATION DE LIAISONS OLEFINIQUES DOUBLES**  
[72] NG, JOHN S., US  
[72] LAWSON, JON P., US  
[72] POZZO, MARK J., US  
[72] LETENDRE, LEO J., US  
[72] BAEZ, JULIO A., US  
[72] WANG, PING T., US  
[72] LIU, CHIN, US  
[72] ERB, DERNHARD, US  
[72] ANDERSON, DENNIS K., US  
[72] SING, YUEN-LUNG L., US  
[72] WIECZOREK, JOSEPH, US  
[72] MUCCIARIELLO, GENNARO, US  
[72] KUNDA, SASTRY A., US  
[72] VANZANELLA, FORTUNATO, US  
[71] G.D. SEARLE & CO., US  
[22] 1996-12-11  
[43] 1997-06-19  
[62] 2,240,388  
[30] US (60/008,455) 1995-12-11

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

[21] **2,347,346**  
[13] A1

[51] **Int.Cl. 7C07J 41/00 7C07J 21/00 7C07J 53/00 7C07J 71/00**  
[25] EN  
[54] **PROCESS FOR PREPARATION OF 7 ALPHA-CARBOXYL 9,11-EPOXY STEROIDS AND INTERMEDIATES USEFUL THEREIN AND A GENERAL PROCESS FOR THE EPOXIDATION OF OLIFINIC DOUBLE BONDS**  
[54] **PROCEDES DE PREPARATION DE STEROIDES 7.ALPHA.-CARBOXYLYL9,11-EPOXY ET INTERMEDIAIRES UTILES DANS CES PROCEDES ET PROCEDE GENERAL D'EPOXYDATION DE LIAISONS OLEFINIQUES DOUBLES**  
[72] MUCCIARIELLO, GENNARO, US  
[72] SING, YUEN-LUNG L., US  
[72] LAWSON, JON P., US  
[72] WANG, PING T., US  
[72] NG, JOHN S., US  
[72] ERB, DERNHARD, US  
[72] ANDERSON, DENNIS K., US  
[72] KUNDA, SASTRY A., US  
[72] POZZO, MARK J., US  
[72] WIECZOREK, JOSEPH, US  
[72] LETENDRE, LEO J., US  
[72] VANZANELLA, FORTUNATO, US  
[72] LIU, CHIN, US  
[72] BAEZ, JULIO A., US  
[71] G.D. SEARLE & CO., US  
[22] 1996-12-11  
[43] 1997-06-19  
[62] 2,240,388  
[30] US (60/008,455) 1995-12-11

[21] **2,347,381**  
[13] A1

[51] **Int.Cl. 7E04B 2/82**  
[25] EN  
[54] **PANEL CONNECTOR SYSTEM WITH DRAW BLOCK ASSEMBLIES**  
[54] **SYSTEME DE RACCORDS DE PANNEAUX AVEC BLOC D'ETIRAGE**  
[72] LOOMAN, JAMES A., US  
[72] SCHUELKE, DAVID J., US  
[71] HERMAN MILLER, INC., US  
[22] 1991-04-08  
[43] 1992-03-19  
[62] 2,040,003  
[30] US (584,453) 1990-09-18

[21] **2,347,393**  
[13] A1

[51] **Int.Cl. 7E04B 2/82**  
[25] EN  
[54] **PANEL CONNECTOR SYSTEM WITH DIFFERENT HEIGHT ADJACENT PANELS**  
[54] **SYSTEME DE RACCORDS DE PANNEAUX AVEC DES PANNEAUX ADJACENTS DE DIFFERENTES HAUTEURS**  
[72] LOOMAN, JAMES A., US  
[72] SCHUELKE, DAVID J., US  
[71] HERMAN MILLER, INC., US  
[22] 1991-04-08  
[43] 1992-03-19  
[62] 2,040,003  
[30] US (584,453) 1990-09-18

[21] **2,347,579**  
[13] A1

[51] **Int.Cl. 7A01K 67/027 7C12N 15/12 7C12N 15/63**  
[25] EN  
[54] **TRANSGENIC FIBRINOGEN**  
[54] **FIBRINOGENE TRANSGENIQUE**  
[72] DROHAN, WILLIAM N., US  
[72] VELANDER, WILLIAM H., US  
[72] LORD, SUSAN T., US  
[72] LUBON, HENRYK, US  
[72] RUSSELL, CHRISTOPHER, US  
[72] JOHNSON, JOHN L., US  
[71] VIRGINIA TECH INTELLECTUAL PROPERTIES, INC., US  
[71] AMERICAN NATIONAL RED CROSS, US  
[71] UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US  
[22] 1995-02-17  
[43] 1995-08-24  
[62] 2,183,546  
[30] US (08/198,068) 1994-02-18

[21] **2,347,580**  
[13] A1

[51] **Int.Cl. 7E04B 2/82**  
[25] EN  
[54] **TOP CAP FOR A WALL PANEL IN A SPACE DIVIDER SYSTEM**  
[54] **CAPUCHON DE CLOISON D'AMENAGEMENT D'AIRES OUVERTES**  
[72] LOOMAN, JAMES A., US  
[71] HERMAN MILLER, INC., US  
[22] 1991-04-08  
[43] 1992-03-19  
[62] 2,040,005  
[30] US (584,479) 1990-09-18

[21] **2,347,587**  
[13] A1

[51] **Int.Cl. 7G05G 1/14 7B60T 7/06**  
[25] EN  
[54] **ADJUSTABLE AUTOMOBILE PEDAL SYSTEM**  
[54] **SYSTEME DE PEDALES REGLABLES POUR AUTOMOBILE**  
[72] CICOTTE, EDMOND BURTON, US  
[71] CICOTTE, EDMOND BURTON, US  
[22] 1992-09-25  
[43] 1993-04-15  
[62] 2,119,237  
[30] US (07/772,326) 1991-10-07

[21] **2,347,588**  
[13] A1

[51] **Int.Cl. 7C07D 265/06 7C07D 413/00**  
[25] EN  
[54] **AN OXAZINONE USED IN PREPARING TAXOL AND PROCESS FOR PREPARATION THEREOF**  
[54] **UN OXAZINONE UTILISE DANS LA PREPARATION DU TAXOL ET PROCEDE DE PREPARATION**  
[72] HOLTON, ROBERT A., US  
[71] FLORIDA STATE UNIVERSITY, US  
[22] 1990-11-13  
[43] 1991-05-15  
[62] 2,029,787  
[30] US (07/436,235) 1989-11-14  
[30] US (07/603,041) 1990-10-30

[21] **2,347,590**  
[13] A1

[51] **Int.Cl. 7H01H 3/00 7H01H 3/54**  
[25] EN  
[54] **ELECTRIC APPLIANCE**  
[54] **APPAREIL ELECTRIQUE**  
[72] WANG, JUI-SHANG, TW  
[71] HONEYWELL CONSUMER PRODUCTS, INC., US  
[22] 1990-08-02  
[43] 1991-02-10  
[62] 2,022,525  
[30] US (07/391,265) 1989-08-09



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CASADO GIMENEZ, JUAN	2,329,616	DANA CORPORATION	2,329,819	ESPINOZA, THERESE A.	2,327,426
CASHCODE COMPANY INC.	2,293,767	DANIELS, EDWARD P., JR.	2,327,042	E-TEK DYNAMICS	2,328,562
CENTRAL JAPAN RAILWAY COMPANY	2,328,736	DARABPOUR, MANOUCHEHR	2,328,014	E-TEK DYNAMICS	2,328,697
CHAHAR, VIJAY	2,329,680	DARABPOUR, MANOUCHEHR	2,328,035	E-TEK DYNAMICS	2,328,747
CHAHAR, VIJAY PAL SINGH	2,329,648	DAY, ROBERT FRANCIS	2,329,516	E-TEK DYNAMICS, INC.	2,326,926
CHAMPOUX, BENOIT	2,293,224	DE GUGLIELMO, PASCAL	2,329,764	E-TEK DYNAMICS, INC.	2,327,588
CHAN, LES C.	2,294,555	DE GUGLIELMO, PASCAL	2,330,353	ETHICON, INC.	2,329,501
CHAN, WING YEE W.	2,329,698	DE GUGLIELMO, PASCAL	2,330,454	ETHICON, INC.	2,329,502
CHAN, WING YEE W.	2,329,699	DE MATTIA, DENIS	2,330,338	ETHICON, INC.	2,329,970
CHAN, WING YEE W.	2,329,701	DEDIC, ZLATAN	2,329,966	EURO-TECH AS	2,329,972
CHANG, JOSEPH	2,329,501	DELFS, JULIETTE	2,329,698	FARAH, JEFFREY JOSEPH	2,325,920
CHANG, KOK WAI	2,327,588	DELFS, JULIETTE	2,329,699	FEN-CHUNG, KUNG	2,326,267
CHANG, KOK WAI	2,328,697	DELFS, JULIETTE	2,329,701	FERAG AG	2,329,651
CHANG, KOK-WAI	2,328,747	DEMARCO, RALPH RICHARD JR.	2,324,180	FERRARI, VERONIQUE	2,330,418
CHANG, KOK-WAI	2,328,758	DEMARCO, RALPH RICHARD JR.	2,327,124	FERRY, JOSE	2,329,764
CHANG, KOK-WEI	2,328,562	DENCO, INC.	2,307,737	FLEET ENGINEERS, INCORPORATED	2,328,677
CHANG, L. PATRICK	2,328,577	DENMEADE, TIMOTHY J.	2,329,547	FLUHRER, MANFRED	2,329,647
CHAPDELAIN, JOHN	2,295,045	DERSTINE, MATTHEW	2,326,926	FOTH, THOMAS J.	2,327,978
CHAPUT, GUY JOHN	2,313,592	DESAI, DILIPKUMAR R.	2,296,132	FOUCAULT, PIERRE-LOUIS	2,293,224
CHARPENTIER, DOMINIC	2,293,224	DESAI, VIJAY C.	2,329,186	FOUQUET, GUY	2,330,441
CHENG, TERRY SI-FONG	2,327,071	DESAI, VIJAY C.	2,329,239	FRASNETTI, LUCA	2,325,094
CHESWORTH, RICHARD	2,329,516	DETROIT DIESEL CORPORATION	2,312,853	FREITAG, MICHAEL W.	2,326,465
CHEVRON ORONITE COMPANY LLC	2,325,962	DETROIT DIESEL CORPORATION	2,312,854	FREITAG, MICHAEL W.	2,326,481
CHEVRON ORONITE S.A.	2,325,962	DETROIT DIESEL CORPORATION	2,327,691	FREITAG, MICHAEL W.	2,326,696
CHIEN, HERMAN	2,324,849	DEZONNO, ANTHONY J.	2,329,489	FREITAG, MICHAEL W.	2,326,701
CHIEN, HERMAN	2,326,572	DIEBOLT INTERNATIONAL, INC.	2,329,588	FRITCHLEY, KEITH ANTHONY	2,329,697
CHILD, LAURA E.	2,309,867	DIETRICH, ROLAND	2,329,535	FRITZMEIER, FRANZ	2,293,919
CHOI, KWANG-JOO	2,328,801	DIGITAL SECURITY CONTROLS LIMITED	2,293,830	FUCHS, ANDREA	2,329,535
CHRYSALISITS INC.	2,330,169	DOPF, ANTHONY ROBERT	2,329,454	FUISZ TECHNOLOGIES LTD.	2,293,913
CLANCY, GERALD W.	2,329,615	DOUGHERTY, JOHN JAMES	2,329,456	FUISZ, RICHARD C.	2,293,913
CLARK, RON	2,293,224	DUBÉ, JEAN-DENIS	2,293,844	FUJIREBIO INC.	2,329,608
CLERGET, DIDIER	2,330,454	DUBÉ, JEAN-DENIS	2,293,865	FUKUI, MASAHIRO	2,329,372
CNT CORP.	2,327,909	DUNN, STEPHEN RAE	2,293,866	FURUKAWA, HIROSHI	2,329,641
COLIN, BERNARD-ALBERT	2,330,338	DYRLUND, CHRISTOPHER DAVID	2,320,583	FUSE, YOSHIHISA	2,328,687
COOK, MICHAEL A.	2,329,680	EADS AIRBUS SA	2,329,832	FUSELIER, CHRISTOPHER S.	2,329,456
COOK, MICHAEL ANDREW	2,329,648	EADS AIRBUS SA	2,330,338	GAPONYUK, GENNADIY	2,293,767
COOPER, EDWARD L.	2,326,877	EASTMAN KODAK COMPANY	2,328,695	GARVIN, MICHAEL J.	2,293,167
COOPER, EDWARD L.	2,328,329	EDHOLM, PHILIP K.	2,319,655	GAUVIN, FRÉDÉRIC	2,293,844
COTTARD, FRANCOIS	2,329,839	EDWARDS, JOHN E.	2,329,673	GAUVIN, FRÉDÉRIC	2,293,865
COTTARD, FRANCOIS	2,330,335	EGUCHI, YOSHIHIKO	2,328,804	GENERAL ELECTRIC COMPANY	2,329,456
COTTARD, FRANCOIS	2,330,342	EKLUND, WESLEY K.	2,328,677	GENERAL ELECTRIC COMPANY	2,329,648
COTTARD, FRANCOIS	2,330,344	ELCO ENTERPRISES, INC.	2,328,329	GENERAL ELECTRIC COMPANY	2,329,680
CRAMM, COLIN H.	2,321,401	ELKSNITIS, ANDY	2,329,280	GERDES, JERRY D.	2,293,151
CRANE CANADA INC.	2,293,182	ELSASSER, MANFRED	2,329,880	GILLARD, RAY W.	2,293,885
CRANE CANADA INC.	2,299,067	ELSTERMEIER, FRANK	2,330,160	GODDARD, JOHN D.	2,329,603
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CRAWLEY, JOHN KEVIN	2,293,182	EMILSIDER MECCANICA S.P.A.	2,329,500	GOODRICH, KELLIE M.	2,316,114
CRAWLEY, JOHN KEVIN	2,299,067	ENDOH, MORINOBU	2,329,639	GOPALKRISHNAN, SRIDHAR	2,316,115
CRESWELL, CARROLL W.	2,325,920	ENDRESS + HAUSER GMBH + CO.	2,325,174	GOPALKRISHNAN, SRIDHAR	2,316,115
CROSSETT, JOSEPH A., III	2,328,014	ENGLERT, MARK	2,329,629	GORAL, DAVID	2,329,970
CROSSETT, JOSEPH A., III	2,328,035	ENOMOTO, AKIRA	2,329,111	GORODYSKIY, YURIY DMITRIEVICH	2,293,193
CROTEAU, ANDRÉ	2,293,132	EPWORTH, RICHARD	2,323,028	GORSCOVOZ, GABRIEL	2,293,134
CROWTHER, JONATHAN M.	2,329,903			GORZA, ROBERTO	2,329,499
CSOMO, JEAN-FRANCOIS	2,326,947			GOTTLIEB, ROBERT K.	2,327,042
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CUMMINGS, DONALD D.	2,325,174			GRANDHI, SUDHEER A.	2,327,071
CUNNINGHAM, RICHARD L.	2,327,909			GRAU, CURTISS A.	2,317,078
CYR, ANDRE M.	2,329,966			GRAY, DONALD K.	2,322,405
DA SILVA-JARDINE, PAUL ANDREW	2,329,516			GRAY, JAMES	2,325,962
DADE BEHRING MARBURG GMBH	2,329,476				
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HALLA CLIMATE CONTROL		INSTITUT NATIONAL		KANEKO, TAKUSHI	2,328,775
CORP.	2,310,160	D'OPTIQUE	2,293,118	KANEKO, TAKUSHI	2,328,781
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HAPP, MICHAEL	2,329,293	D'OPTIQUE	2,311,914	KAWASUMI, NORIHISA	2,327,510
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HART, WILLIAM G., JR.	2,327,044	MACHINES		KELLY, COLIN G.	2,293,173
HARTMANN, THOMAS	2,329,535	CORPORATION	2,320,686	KELLY, COLIN G.	2,293,521
HAWES, TIMOTHY R.	2,328,677	INTERNATIONAL BUSINESS		KHVOSTOV, VITOLD	2,293,767
HAYWARD, MATTHEW		MACHINES		KIHIRA, HIROSHI	2,329,674
MERRILL	2,328,775	CORPORATION	2,326,199	KILPI, VAINO	2,329,566
HEFFNER, BRIAN	2,326,926	IRVING, LYN M.	2,328,695	KILPI, VAINO	2,329,568
HELPER, HARRY	2,326,926	IRVING, MARK E.	2,328,695	KIM, HYEON JUN	2,329,094
HERMANN, CHRISTOPH	2,330,160	ISHII, KAZUHISA	2,329,580	KIRCHER, PAUL J.	2,328,541
HIEBERT, GRANT W.	2,329,615	ISHII, KAZUO	2,328,804	KIRNOS, ILYA M.	2,324,180
HILL, BRIAN	2,329,563	ISHIKO, TAKUO	2,329,201	KITAHARA, SHOJI	2,327,787
HILL, BRIAN	2,329,564	ISHIZUKA GARASU		KITCHENER, DEAN	2,327,837
HISADA, WATARU	2,329,674	KABUSHIKI KAISHA	2,329,572	KLIPPER, REINHOLD	2,329,293
HISANAKA, TAKAYUKI	2,329,455	ISHIZUKA GARASU		KOBAYASHI, YOSHIKAZU	2,328,763
HOHENSEE, REINHARD		KABUSHIKI KAISHA	2,329,575	KOCH, HUBERT	2,329,561
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HOLLAND, RICHARD J.	2,316,115	ITIS CORPORATION	2,326,947	KOMATSU LTD.	2,329,613
HONDA GIKEN KOGYO		ITO, AKIRA	2,327,510	KORTMAN, JENS JOHAN	2,293,182
KABUSHIKI KAISHA	2,328,804	ITO, HIROSHI	2,319,858	KORTMAN, JENS JOHAN	2,299,067
HONDA GIKEN KOGYO		ITO, KEIJIRO	2,327,510	KOSKI, AHTI	2,293,149
KABUSHIKI KAISHA	2,329,581	ITO, SHOJI	2,329,635	KOVAC, SAVA	2,327,748
HONDA GIKEN KOGYO		IVANSONS, IVARS V.	2,307,737	KRAUSE, MICHAEL	2,293,919
KABUSHIKI KAISHA	2,329,582	IWAMOTO, JUNICHI	2,329,581	KROSCHE, TODD W.	2,329,592
HONDA GIKEN KOGYO		IWAMOTO, JUNICHI	2,329,582	KRUG, PETER	2,329,561
KABUSHIKI KAISHA	2,329,586	IWAMOTO, JUNICHI	2,329,586	KUBINSKI, DONALD	
HONDA GIKEN KOGYO		IWAMOTO, JUNICHI	2,329,653	CHESTER	2,320,583
KABUSHIKI KAISHA	2,329,639	IWASAKI, KATSUHIKO	2,328,797	KULKARNI, SHEKHAR A.	2,329,186
HONDA GIKEN KOGYO		JACOBSON, GUY	2,327,124	KULKARNI, SHEKHAR V.	2,329,239
KABUSHIKI KAISHA	2,329,644	JACOBSON, GUY J.	2,324,180	KULLMANN, JOERG H.	2,329,647
HONDA GIKEN KOGYO		JACQUES, VERONIQUE	2,330,418	KUNG, FEN-CHUNG	2,325,670
KABUSHIKI KAISHA	2,329,650	JAEGER, WILLIAM L., JR.	2,329,960	KUNG, FEN-CHUNG	2,325,792
HONDA GIKEN KOGYO		JAGGER, CHRISTOPHER		KUNG, FEN-CHUNG	2,326,011
KABUSHIKI KAISHA	2,329,653	ANDREW	2,329,585	KUNG, FEN-CHUNG	2,326,070
HOPKINS, WILLIAM	2,293,149	JANG, HYUNG GYU	2,317,201	KUNG, FEN-CHUNG	2,326,230
HOPPER, IAN D.	2,327,216	JANG, KIL SANG	2,310,160	KUNG, FEN-CHUNG	2,326,278
HOSODA, FUMIO	2,328,804	JAPAN RADIO CO., LTD.	2,327,510	KUNG, FEN-CHUNG	2,326,294
HOULE, ERIC	2,293,844	JDS UNIPHASE INC.	2,328,647	KUNG, FEN-CHUNG	2,326,754
HOULE, ERIC	2,293,865	JELICH, KLAUS	2,329,230	LA SOUDURE AUTOGENE	
HOWARD, CAROL A.	2,327,687	JELICH, KLAUS	2,329,239	FRANÇAISE	2,329,848
HOWARD, CAROL A.	2,328,761	JELICH, KLAUS	2,329,292	LA TECNICA S.R.L.	2,293,171
HOWARD, HARRY RALPH JR	2,329,576	JIANG, HE	2,312,853	L'AIR LIQUIDE, SOCIETE	
HOWE, SAMUEL H.	2,326,802	JIANG, HE	2,312,854	ANONYME POUR	
HOWLETT, HAROLD A.	2,322,405	JIANG, HE	2,327,691	L'ETUDE ET	
HUANG, SIMON	2,293,886	JOHNSON & JOHNSON		L'EXPLOITATION DES	
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HUBBELL INCORPORATED	2,328,761	COMERCIO LTDA.	2,329,696	LANDO, RON	2,311,839
HUPE, GERARD J.	2,321,401	JOHNSON, FRANK	2,293,143	LATCHINIAN, JIM	2,329,968
HUZMEZAN, MIHAI	2,327,748	JOHNSON, FRANK	2,329,645	LAUZON, JOCELYN	2,293,132
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HYDRO-QUEBEC	2,293,846	JOSSINET, FRANCOIS		LEE, CHEOL	2,328,801
HYDRO-QUEBEC	2,293,847	ARMAND	2,293,182	LEE, MICHAEL C. G.	2,322,964
HYUN, VICTOR S.	2,328,284	JOSSINET, FRANCOIS		LEE, MICHAEL C. G.	2,324,094
HYUNDAI MOTOR		ARMAND	2,299,067	LEEDER, SHERY D.	2,327,399
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LETOURNEAU, GUY L.	2,329,677	CHERYL	2,320,686		2,329,635
LEVER, RAMI	2,329,596	MCGINN, DONALD SCOTT	2,322,934	NIPPON STEEL	
LEVY, DAVID H.	2,328,695	MCKAY, BRADLEY A.	2,328,284	CORPORATION	2,329,674
LG ELECTRONICS INC.	2,328,801	MCKEEN, DAVID	2,293,143	NISHINA, SHIGEKI	2,305,081
LG ELECTRONICS INC.	2,329,094	MCKEEN, DAVID	2,329,645	NOBAUER, FRANZ	2,327,676
LI, XIAO-DONG	2,324,064	MCMILLEN, WILLIAM		NOGUCHI, MINORU	2,329,639
LIE, BJORN	2,329,972	THOMAS	2,328,781	NOMURA, MAKIO	2,329,572
LIEBHERR-AEROSPACE		MELARA,		NOMURA, MAKIO	2,329,575
LINDENBERG GMBH	2,327,186	FRANCESCANTONIO	2,329,500	NORTEL NETWORKS	
LIEDL, GERHARD	2,327,676	MEZGER, MARTIN	2,329,291	CORPORATION	2,293,167
LIN, PAUL CHRISTOPHER	2,329,648	MI, ZHEXIN	2,293,830	NORTEL NETWORKS	
LINDE, ROBERT GERALD II	2,328,775	MIDDENDORF, ALAN LEE	2,320,686	CORPORATION	2,293,173
LINGNER, GERARD T., III	2,328,284	MILLER, CHARLES J.	2,327,426	NORTEL NETWORKS	
LINTON, W. STEWART	2,293,766	MILLER, KENNETH G.	2,329,374	CORPORATION	2,293,521
LLIBRE URPI, JUAN	2,329,616	MITEL CORPORATION	2,327,132	NORTEL NETWORKS	
LOECKLIN, EBERHARD	2,325,646	MITOBE, JEFF BRENT	2,293,182	CORPORATION	2,293,920
L'OREAL	2,329,839	MITOBE, JEFF BRENT	2,299,067	NORTEL NETWORKS	
L'OREAL	2,330,335	MIYAMURA, MASASHI	2,329,610	CORPORATION	2,294,555
L'OREAL	2,330,342	MIYAZAKI, TOMIYA	2,329,460	NORTEL NETWORKS	
L'OREAL	2,330,344	MOBILE CLIMATE CONTROL		CORPORATION	2,313,592
L'OREAL	2,330,418	INC.	2,293,134	NORTEL NETWORKS	
LOSEY, ROBERT ALLEN	2,320,663	MODERN MANUFACTURING,		CORPORATION	2,317,783
LOVELAND, JAMES B.	2,329,855	INC.	2,329,968	NORTEL NETWORKS	
LOVELAND, JAMES B.	2,329,882	MOFFATT, RODNEY TAYLOR		CORPORATION	2,319,655
LSP PRODUCTS GROUP, INC.	2,326,802		2,320,583	NORTEL NETWORKS	
LU, PAO-SHU	2,299,571	MOK, TOMMY SZECHIN	2,329,894	CORPORATION	2,321,401
LUBACHEVSKY, BORIS		MOLLET, ALAIN	2,329,856	NORTEL NETWORKS	
DMITRIEVICH	2,327,071	MOLLET, ALAIN	2,329,862	CORPORATION	2,322,934
LUCENT TECHNOLOGIES		MONTEMURRO, MICHAEL P.	2,329,903	NORTEL NETWORKS	
INC.	2,327,071	MOOBERRY, JARED B.	2,328,695	CORPORATION	2,322,964
LUCENT TECHNOLOGIES		MORIYA, TAKASHI	2,329,644	NORTEL NETWORKS	
INC.	2,327,981	MOROY, THIERRY	2,329,764	CORPORATION	2,323,028
LUCENT TECHNOLOGIES		MOSAID TECHNOLOGIES		NORTEL NETWORKS	
INC.	2,328,284	INCORPORATED	2,294,554	CORPORATION	2,324,064
LYNCH, RICHARD	2,293,754	MOSAID TECHNOLOGIES		NORTEL NETWORKS	
MADER, HELMUT	2,293,919	INCORPORATED	2,330,169	CORPORATION	2,324,094
MAEMURA, KOZO	2,329,571	MUDDIMAN, SCOTT G.	2,329,603	NORTEL NETWORKS	
MAHER, JAMES P.	2,329,374	MULLIS, GEORGE C.	2,317,078	CORPORATION	2,324,128
MAHON, TERRENCE K.	2,329,695	MUNEMURA, TAKESHI	2,328,804	NORTEL NETWORKS	
MALNOVE HOLDING CO.,		MURPHY, STEVE W.	2,293,155	LIMITED	2,327,216
INC.	2,293,916	NADHUMI, PRASANNA		NORTEL NETWORKS	
MAN ROLAND		RAGHAVAN	2,328,284	LIMITED	2,327,837
DRUCKMASCHINEN AG	2,329,535	NAGATA, TAKANORI	2,329,613	NORTEL NETWORKS	
MANSERI, ABDELLATIF	2,293,845	NAKAMURA, HIROMU	2,329,581	LIMITED	2,329,681
MANSERI, ABDELLATIF	2,293,846	NAKAMURA, HIROMU	2,329,586	NORTEL NETWORKS	
MAO, ZHUOXIONG	2,327,430	NAKAMURA, HIROMU	2,329,650	LIMITED	2,329,903
MARCONI		NAKAMURA, HIROMU	2,329,653	NORTEL NETWORKS	
COMMUNICATIONS,		NARUSE, NORIYOSHI	2,329,280	LIMITED	2,329,965
INC.	2,327,318	NEC CORPORATION	2,328,763	NORTEL NETWORKS	
MARQUET, BERTRAND	2,330,441	NEC CORPORATION	2,329,571	LIMITED	2,329,966
MARRY, RICHARD D.	2,327,042	NEC CORPORATION	2,329,573	NORTON, BEVERLY	2,293,766
MARTIN, JEAN-STEPHANE	2,330,441	NEC CORPORATION	2,329,641	NUIJTEN, PETRUS	
MASOTTA, JOHN R.	2,329,599	NEEDHAM, JOHN EDWARD	2,327,132	JOHANNES MARIA	2,329,676
MASSENGILL, R. KEMP	2,328,762	NELSON, PETER F.	2,293,599	NUTRICHEM DIAT +	
MATRE, DANIEL A.	2,329,695	NET PROTECTIONS, INC.	2,329,111	PHARMA GMBH	2,293,919
MATSUNO, TATSUKI	2,329,608	NEUHAUS, JOACHIM	2,325,174	OBRECHT, WERNER	2,329,291
MATSUSHITA ELECTRIC		NEWELL OPERATING		O'DEA, KEVIN J.	2,329,599
INDUSTRIAL CO., LTD.	2,329,460	COMPANY	2,329,592	OGATA, KEISUKE	2,329,460
MAYER, PAUL	2,327,044	NG, KAI	2,293,167	OGONOWSKI, JOSEPH	2,328,577
MAZZURCO, ANTHONY	2,328,014	NG, WENG IO	2,314,503	OH, SEONG-HWAN	2,328,801
MAZZURCO, ANTHONY	2,328,035	NG, WENG IO	2,314,504	OHANIAN, VAHE	2,293,134
McCALLUM, DENNIS L.	2,329,841	NGUYEN, DU T.	2,324,180	OHISHI, MASATOSHI	2,328,736
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PITNEY BOWES INC.	2,329,374	RONDEAU, CHRISTINE	2,330,344	SHIRAI, HIROKAZU	2,328,804
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TANAKA, CHIKARA	2,329,582	WALKER, HOPETON	2,326,230	YAMADA, NORIYUKI	2,329,653
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KASCHEL, GREGOR	2,347,238	LI, JIA-HE	2,344,376	MCCORD WINN TETRON INC.	2,346,812
KAUFMAN, HARALD	2,346,984	LI, ZENGSHUI	2,346,949	MCDONALD, TERRENCE P.	2,346,134
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KAWASHIMA, MIYUKI	2,347,383	LIEN, SPENCER J.	2,347,544	MCLEAN, KEITH MICHAEL	2,345,934
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KIM, YOUNG BOK	2,347,027	LIU, QINGYUN	2,346,134	MERCK SHARP & DOHME LIMITED	2,347,192
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THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2,346,264	TREBLA CHEMICAL COMPANY	2,341,287	WEEKLEY, MITCHELL Z.	2,346,992
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