

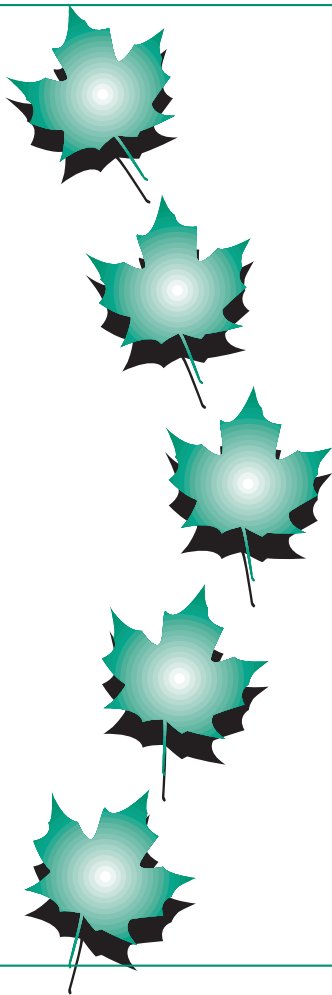


**Canadian  
Intellectual Property  
Office**

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du Canada**

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d'Industrie Canada



**The Patent  
Office  
Record**

**La Gazette  
du Bureau  
des brevets**

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**Canada**



# THE PATENT OFFICE RECORD

## LA GAZETTE DU BUREAU DES BREVETS

David Tobin  
Commissioner of Patents

David Tobin  
Commissaire aux brevets

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

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

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

### Important Notice to Subscribers

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

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

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

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### Avis important aux abonnés

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

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

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

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## Notices

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

#### Dates

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

#### Code Numerals

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

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

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

## Avis

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

#### Dates

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

#### Chiffres de code

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

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

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

## Avis

### 2. Country Code

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

### 3. Canadian Class Titles

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

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

### 4. Class Schedules and Definitions

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

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

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

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

### 2. Code des pays

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

### 3. Liste des classes canadiennes

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

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

### 4. Listes et définitions des classes

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

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

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

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

## Notices

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

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

### 7. Advice on Making a Patent Application

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

### 8. Licensing of Patents

#### Voluntary Licences

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

#### Compulsory Licences

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

### 9. Patents Available for Licence or Sale

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

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

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

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

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

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

#### Licences librement accordées

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

#### Licences obligatoires

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

### 9. Brevets disponibles pour licence ou vente

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

## Avis

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

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

2,073,863  
2,076,466  
2,158,014  
2,228,331

### 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.

2,073,863  
2,076,466  
2,158,014  
2,228,331

### 11. Laid-Open Applications

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

### 12. Language of Published Documents

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

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

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

### 12. Langue du document publié

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

## Notices

### 13. Patent Cooperation Treaty (PCT)

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

FEES	AMOUNTS \$
1. <b>Transmittal Fee:</b> (Rule 14)	200.00
2*. <b>Basic Fee:</b>	639.00
Amount for each additional sheet over 30	15.00
3. <b>Designation Fee:</b> (Rule 15.2(a))	138.00
The maximum that can be charged for the Designation Fee is \$726.00; therefore, if more than 6 countries are designated the fee remains \$726.00	

4. **International Search Fee** 1,360.00  
The above mentioned fees are due at time of filing of the International Application, or within one month from the International Filing Date (date of receipt of the International Application by the Receiving Officer). If the International Application does not contain a priority claim, the Designation Fee is due within one year from the International Filing Date. These fees are to be paid in Canadian dollars and made payable to the Receiver General of Canada.

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

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

#### Preliminary Examination

6. **Handling Fee:**  
(Rule 57.2(a)) 159 Euro Dollars

7. **Preliminary Examination Fee:**  
(Rule 58) 1,530 Euro Dollars

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

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

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

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

TAXES	MONTANTS \$
1. <b>Taxe de transmission:</b> (Règle 14)	200,00
2*. <b>Taxe de base:</b>	639,00
Montant pour chaque feuille au delà de 30	15,00
3. <b>Taxe de désignation</b> (par pays) (Règle 15.2(a))	138,00
Le maximum payable pour la taxe de désignation est de 726,00 \$; donc, si plus que 6 pays sont désignés, la taxe demeure 726,00 \$.	

4. **Taxe de recherche internationale** 1 360,00  
Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date du dépôt de la demande (soit la date de réception de la demande internationale). Si la demande ne contient pas de revendication de priorité, la taxe de désignation est due dans un délai d'un an à compter de la date du dépôt de la demande internationale. Les taxes doivent être payées en dollars canadien et sont payables au Receveur Générale du Canada.

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

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

#### Examen préliminaire

6. **Taxe de traitement:**  
(Règle 57.2(a)) 159 dollars euro

7. **Taxe d'examen préliminaire:**  
(Règle 58) 1 530 dollars euro

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

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



## Avis

### 14. PCT Notices

#### PCT Signature Requirements

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

#### Patent Cooperation Treaty (PCT)

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

### 15. Canadian Laid-Open Applications

The Patent Office Record of January 15, 2002 contains laid-open applications from December 23, 2001 - December 29, 2001.

### 16. Notice

#### **PCT field format changes**

Please note that the display of the following fields has been changed to accommodate format changes in data received from the World Intellectual Property Organization (WIPO).

[86] "PCT International Filing Data" now includes the century and has been increased to a six-digit application number.

### 14. Avis PCT

#### Exigences des signatures du PCT

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

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

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

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

Ce numéro de la Gazette des brevets du Canada contient les demandes disponibles au public pour consultation pour la période du 23 décembre 2001 - 29 décembre 2001.

### 16. Avis

#### **Changements apportés au format concernant les champs pour le PCT**

Afin de répondre aux changements concernant la présentation des données fournies par l'Organisation mondiale de la propriété intellectuelle (OMPI), veuillez prendre note que le format des champs suivants a été modifié.

[86] « Données du dépôt international selon le PCT » dorénavant comprend le siècle, ainsi le numéro de demande sera composé de six chiffres.

## Notices

[87] "PCT International Publication Data" now includes the century and has been increased to a six-digit publication number.

### 17. Erratum

Reference to the grant of the following application referred to in the Canadian Patent Office of January 8, 2002 was in error. No patent was issued under this number

2,044,290

[87] « Données de publication internationale selon le PCT » dorénavant comprend le siècle, ainsi le numéro de publication sera composé de six chiffres.

### 17. Erratum

Les renseignements fournis sur le numéro de demande suivant dans la Gazette du bureau des brevets du 8 janvier 2002 étaient dans l'erreur. Aucun brevet n'a été émis sous ce numéro.

2,044,290

## Avis

# Canadian Patents Issued

January 15, 2002

## Brevets canadiens délivrés

15 janvier 2002

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[11] **2,000,774**  
[13] C

[51] **Int.Cl. 5B22D 19/14**  
[25] EN  
[54] **A METHOD OF PROVIDING A GATING MEANS AND PRODUCTS PRODUCED THEREBY**  
[54] **METHODE D'ATTAQUE DE COULEE ET PRODUIT OBTENU PAR LADITE METHODE**  
[72] Langensiepen, Ralph Alfred, US  
[72] Aghajanian, Michael Kevork, US  
[72] Wiener, Robert James, US  
[73] LANXIDE TECHNOLOGY COMPANY, LP, US  
[22] 1989-10-13  
[30] US (269,315) 1988-11-10

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[11] **2,000,776**  
[13] C

[51] **Int.Cl. 5B22D 19/14**  
[25] EN  
[54] **A FLOTATION PROCESS FOR THE FORMATION OF METAL MATRIX COMPOSITE BODIES**  
[54] **PROCEDE DE FLOTTATION POUR LA MISE EN FORME DES CORPS COMPOSITES D'UNE MATRICE METALLIQUE**  
[72] Dwivedi, Ratnesh Kumar, US  
[72] Burke, John Thomas, US  
[73] LANXIDE TECHNOLOGY COMPANY, LP, US  
[22] 1989-10-13  
[30] US (269,373) 1988-11-10

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[11] **2,000,779**  
[13] C

[51] **Int.Cl. 5B22D 19/14 5C22C 1/10**  
[25] EN  
[54] **A METHOD FOR FORMING METAL MATRIX COMPOSITE BODIES CONTAINING THREE-DIMENSIONALLY INTERCONNECTED CO-MATRICES AND PRODUCTS PRODUCED THEREBY**  
[54] **METHODE DE FORMATION DE CORPS DE MATERIAUX COMPOSITES A MATRICE METALLIQUE RENFERMANT DES CO-MATRICES TRIDIMENSIONNELLEMENT INTERRELIEES ET PRODUITS AINSI OBTENUS**  
[72] Kennedy, Christopher Robin, US  
[72] Aghajanian, Michael Kevork, US  
[72] Nagelberg, Alan Scott, US  
[73] LANXIDE TECHNOLOGY COMPANY, LP, US  
[22] 1989-10-13  
[30] US (269,369) 1988-11-10

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[11] **2,000,782**  
[13] C

[51] **Int.Cl. 5B22D 19/14**  
[25] EN  
[54] **AN INVESTMENT CASTING TECHNIQUE FOR THE FORMATION OF METAL MATRIX COMPOSITE BODIES AND PRODUCTS PRODUCED THEREBY**  
[54] **COULEE A LA CIRE PERDUE POUR LA MISE EN FORME DES CORPS COMPOSITES D'UNE MATRICE METALLIQUE, ET PRODUITS AINSI OBTENUS**  
[72] Burke, John Thomas, US  
[73] LANXIDE TECHNOLOGY COMPANY, LP, US  
[22] 1989-10-13  
[30] US (269,302) 1988-11-10

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[11] **2,000,792**  
[13] C

[51] **Int.Cl. 5B22D 19/14 5C22C 1/10**  
[25] EN  
[54] **A METHOD OF MODIFYING THE PROPERTIES OF A METAL MATRIX COMPOSITE BODY**  
[54] **METHODE DE MODIFICATION DES PROPRIETES D'UN CORPS COMPOSITE DE MATRICE METALLIQUE**  
[72] Newkirk, Marc Stevens, US  
[72] Urquhart, Andrew Willard, US  
[72] Aghajanian, Michael Kevork, US  
[72] Mortenson Mark Gordon, US  
[73] LANXIDE TECHNOLOGY COMPANY, LP, US  
[22] 1989-10-13  
[30] US (269,309) 1988-11-10

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[11] **2,000,800**  
[13] C

[51] **Int.Cl. 5B22D 19/14**  
[25] EN  
[54] **DIRECTIONAL SOLIDIFICATION OF METAL MATRIX COMPOSITES**  
[54] **SOLIDIFICATION DIRECTIONNELLE DES COMPOSITES DE MATRICE METALLIQUE**  
[72] Aghajanian, Michael Kevork, US  
[72] Kantner, Robert Campbell, US  
[72] Biel, John Peter Jr., US  
[73] LANXIDE TECHNOLOGY COMPANY, LP, US  
[22] 1989-10-13  
[30] US (269,602) 1988-11-10

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[11] 2,000,801  
[13] C

[51] Int.Cl. 5B22D 19/14  
[25] EN  
[54] METHOD FOR FORMING METAL MATRIX COMPOSITES HAVING VARIABLE FILLER LOADINGS AND PRODUCTS PRODUCED THEREBY  
[54] METHODE DE MISE EN FORME DES COMPOSITES DE MATRICE METALLIQUE AYANT DES CHARGES VARIABLES, ET PRODUITS AINSI OBTENUS  
[72] Aghajanian, Michael Kevork, US  
[72] Nagelberg, Alan Scott, US  
[72] Kennedy, Christopher Robin, US  
[73] LANXIDE TECHNOLOGY COMPANY, LP, US  
[22] 1989-10-13  
[30] US (269,312) 1988-11-10

[11] 2,001,719  
[13] C

[51] Int.Cl. 5C12N 15/20 6A61K 38/21 6C07K 14/555  
[25] EN  
[54] PHOSPHORYLATED FUSION PROTEINS AND USES RELATED THERETO  
[54] PROTEINES DE FUSION PHOSPHORYLEES ET LEURS UTILISATIONS  
[72] PESTKA, SIDNEY, US  
[73] PESTKA, SIDNEY, US  
[22] 1989-10-27  
[30] US (07/264,271) 1988-10-28

[11] 2,008,638  
[13] C

[51] Int.Cl. 5C07C 69/734 5A61K 7/00 5A61K 31/215  
[25] FR  
[54] PROCEDE DE PREPARATION DE TENSIO-ACTIFS NON-IONIQUES A PARTIR DE L'ISOPROPYLIENE-1,2 EPOXYPROPYL-3 GLYCROL ET D'UN ACIDE CARBOXYLIQUE, NOUVEAUX TENSIO-ACTIFS NON-IONIQUES ET LEUR UTILISATION  
[54] PROCESS FOR PREPARING NON-IONIC SURFACTANTS FROM 2,2-DIMETHYL-4-(OXIRAN-2-YLMTHOXY)METHYL-1,3-DIOXOLANE AND A CARBOXYLIC ACID; NEW NON-IONIC SURFACTANTS AND THEIR USE  
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[73] L'OREAL, FR  
[22] 1990-01-26  
[30] FR (89 00963) 1989-01-26

[11] 2,012,517  
[13] C

[51] Int.Cl. 5C04B 7/26 5B09B 3/00  
[25] FR  
[54] PROCEDE POUR L'INSOLUBILISATION ET L'AGGLOMERATION DE DECHETS D'EPURATION DE FUMEEES  
[54] PROCESS FOR THE INSOLUBILIZATION AND AGGLOMERATION OF WASTES FROM FUMES TREATMENT  
[72] Pichat, Philippe, FR  
[73] Pichat, Philippe, FR  
[22] 1990-03-19  
[30] FR (89 03587) 1989-03-20

[11] 2,019,299  
[13] C

[51] Int.Cl. 5G06F 15/16 5G06F 9/30  
[25] EN  
[54] MULTIPROCESSOR SYSTEM WITH MULTIPLE INSTRUCTION SOURCES  
[54] SYSTEME MULTIPROCESSEUR A SOURCES D'INSTRUCTIONS MULTIPLES  
[72] Frank, Steven, US  
[72] Burkhardt, Henry III, US  
[72] Schnorr, Peter C., US  
[72] Epstein, David I., US  
[72] Weber, Frederick D., US  
[72] Lee, Linda Q., US  
[72] Roskosz, John A., US  
[72] Byers, Brett D., US  
[73] SUN MICROSYSTEMS, INC., US  
[22] 1990-06-19  
[30] US (370,325) 1989-06-22

[11] 2,020,191  
[13] C

[51] Int.Cl. 5F01L 3/08  
[25] EN  
[54] FRUSTOCONICAL VALVE STEM SEALING ELEMENT  
[54] JOINT TRONCONIQUE POUR TIGE DE ROBINET  
[72] Bond, Philip L., US  
[72] Binford, J. Dudley, US  
[72] Bruns, Ivan J., US  
[72] Fiedler, David F., US  
[73] DANA CORPORATION, US  
[22] 1990-06-29  
[30] US (373,429) 1989-06-30

[11] 2,020,498  
[13] C

[51] Int.Cl. 5F16B 25/02  
[25] EN  
[54] WINGED DRILL SCREW  
[54] VIS PERCEUSE A OREILLES  
[72] Flinchum, Steven Neil, US  
[72] Piacenti, Frank, US  
[73] EMHART INDUSTRIES, INC., US  
[22] 1990-07-05  
[30] US (376,325) 1989-07-06

[11] 2,020,527  
[13] C

[51] Int.Cl. 5C08L 67/00 5C08L 67/02  
[25] EN  
[54] ELASTOMERIC THERMOPLASTIC COPOLYESTERS ENDOWED WITH HIGH RHEOLOGICAL AND MECHANICAL PROPERTIES AND AN IMPROVED AGEING RESISTANCE  
[54] COPOLYESTERS ELASTOMERES THERMOPLASTIQUES POSSEDANT D'INTERESSANTES PROPRIETES RHEOLOGIQUES ET MECANIQUES AINSI QU'UNE RESISTANCE AMELIOREE AU VIEILLISSEMENT  
[72] Vecchi, Alfio, IT  
[72] Stella, Romolo, IT  
[72] Maltoni, Gian Paolo, IT  
[72] Chiolle, Antonio, IT  
[73] ENICHEM S.p.A., IT  
[22] 1990-07-05  
[30] IT (21094 A/89) 1989-07-05

[11] 2,022,444  
[13] C

[51] Int.Cl. 6C07K 7/23 6A61K 38/09  
[25] EN  
[54] LHRH ANALOGS  
[54] ANALOGUES DE LHRH  
[72] Greer, Jonathan, US  
[72] Haviv, Fortuna, US  
[73] Tap Pharmaceuticals Inc., US  
[22] 1990-08-01  
[30] US (390,572) 1989-08-07  
[30] US (548,512) 1990-07-10

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[11] **2,023,049**  
[13] C

[51] **Int.Cl. 5C23C 14/06 5C23C 14/24 5C23C 14/34**  
[25] EN  
[54] **WORKPIECE COATED WITH A SOLID SOLUTION LAYER, METHOD FOR ITS PRODUCTION, USE OF THE WORKPIECE, AND APPARATUS FOR CARRYING OUT THE METHOD**  
[54] **PIECE A USINER ENDUITE D'UNE COUCHE DE SOLUTION SOLIDE, METHIDE ET APPAREIL DE PRODUCTION CONNEXES, ET UTILISATION DE LADITE PIECE**  
[72] Schmid, Roland, AT  
[73] UNAXIS BALZERS AKTIENGESELLSCHAFT, CH  
[22] 1990-08-09  
[30] CH (3 037/89-7) 1989-08-21

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[11] **2,024,993**  
[13] C

[51] **Int.Cl. 5C02F 3/28**  
[25] FR  
[54] **PROCEDE DE TRAITEMENT, PAR FERMENTATION ANAEROBIE, D'EAUX RESIDUAIRES EN VUE DE L'ELIMINATION DE LA MATIERE ORGANIQUE ET DES SULFATES QU'ELLES CONTIENNENT**  
[54] **RESIDUAL WATER ANAEROBIC FERMENTATION TREATMENT PROCESS FOR SULFATES AND ORGANIC MATERIALS SUPPRESSION**  
[72] Ehlinger, Frédéric, FR  
[73] Degremont, FR  
[22] 1990-09-10  
[30] FR (89 12 047) 1989-09-14

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[11] **2,026,473**  
[13] C

[51] **Int.Cl. 5A01B 29/06**  
[25] EN  
[54] **TURF HANDLING MACHINE**  
[54] **MACHINE POUR LA MANUTENTION ET LA POSE DE ROULEAUX DE GAZONNEMENT**  
[72] Mail, Stuart Paul, GB  
[73] LAWN TECHNOLOGY LIMITED, GB  
[22] 1990-09-28  
[30] GB (8922014.9) 1989-09-29  
[30] GB (9016195.1) 1990-07-24  
[30] GB (9003377.0) 1990-02-14  
[30] GB (8922808.4) 1989-10-10

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[11] **2,026,993**  
[13] C

[51] **Int.Cl. 5G06F 9/44 5G06F 15/72**  
[25] EN  
[54] **METHOD FOR EXPEDITING THE RENDERING OF FIGURES IN A MOVE-DRAW LANGUAGE**  
[54] **METHODE POUR TRANSMETTRE LES ELEMENTS DE DEFINITION DANS UN LANGAGE DE COMMANDE DE DESSIN**  
[72] Donato, Nola, US  
[72] Lam, Anissa, US  
[72] Priem, Curtis, US  
[73] SUN MICROSYSTEMS, INC., US  
[22] 1990-10-05  
[30] US (417,877) 1989-10-06

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[11] **2,028,302**  
[13] C

[51] **Int.Cl. 5C07D 403/10 5C07D 235/06 5C07D 401/14 5C07D 405/14 5C07D 413/14 5A61K 31/395 5C07F 9/645**  
[25] EN  
[54] **BENZIMIDAZOLE DERIVATIVES, THEIR PRODUCTION AND USE**  
[54] **DERIVES DE BENZIMIDAZOLE, PRODUCTION ET UTILISATION**  
[72] Naka, Takehiko, JP  
[72] Nishikawa, Kohei, JP  
[73] TAKEDA CHEMICAL INDUSTRIES, LTD., JP  
[22] 1990-10-23  
[30] JP (277385-1989) 1989-10-24  
[30] JP (328974-1989) 1989-12-18  
[30] JP (005147-1990) 1990-01-11  
[30] JP (091675-1990) 1990-04-05  
[30] JP (097324-1990) 1990-04-11  
[30] JP (113145-1990) 1990-04-27

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[11] **2,029,130**  
[13] C

[51] **Int.Cl. 5B65H 3/44**  
[25] EN  
[54] **APPARATUS FOR THE CONTROLLED FEED OF PRODUCTS IN SHEET FORM IN A COLLATING OR PACKAGING MACHINE**  
[54] **APPAREIL DE REGULATION DE L'ALIMENTATION DE PRODUITS EN FEUILLES, DANS UNE MACHINE A ASSEMBLER ET A EMBALLER**  
[72] Ballestrazzi, Aris, IT  
[72] Tassi, Lamberto, IT  
[73] Sitma S.p.A., IT  
[22] 1990-11-01  
[30] IT (22032 B/89) 1989-11-02

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[11] **2,029,640**  
[13] C

[51] **Int.Cl. 5C07D 209/08 5A61K 7/13**  
[25] FR  
[54] **UTILISATION COMME COUPLEURS DE DERIVES DE 6- OU 7-HYDROXYINDOLE, COMPOSITIONS ET PROCEDES DE TEINTURE LES METTANT EN OEUVRE**  
[54] **6- OR 7-HYDROXYINDOLE COMPOUNDS USED AS COUPLERS, AND DYEING COMPOSITIONS AND PROCESSES TO USE THEM**  
[72] Junino, Alex, FR  
[72] Vandenbossche, Jean-Jacques, FR  
[72] Richard, Hervé, FR  
[72] Cotteret, Jean, FR  
[73] L'OREAL, FR  
[22] 1990-11-09  
[30] FR (89 14795) 1989-11-10

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[11] **2,029,660**  
[13] C

[51] **Int.Cl. 5C07D 209/30 5A61K 7/13**  
[25] FR  
[54] **COMPOSITIONS TINCTORIALES POUR FIBRES KERATINIQUES CONTENANT DES PRECURSEURS DE COLORANTS PAR OXYDATION ET DES COUPLEURS DERIVES DU 4-HYDROXYINDOLE, ET PROCEDE DE TEINTURE LES METTANT EN OEUVRE**  
[54] **DYEING COMPOSITIONS FOR KERATINIC FIBERS CONTAINING DYE PRECURSORS OBTAINED BY OXYDATION AND COUPLERS DERIVED FROM 4-HYDROXYINDOLE, AND DYEING PROCESS TO USE THEM**  
[72] Junino, Alex, FR  
[72] Vandenbossche, Jean-Jacques, FR  
[72] Richard, Hervé, FR  
[72] Cotteret, Jean, FR  
[73] L'OREAL, FR  
[22] 1990-11-09  
[30] FR (89 14794) 1989-11-10

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[11] 2,030,637  
[13] C

[51] Int.Cl. 5C08L 67/02 5C08L 57/00  
5C08L 27/10  
[25] EN  
[54] POLYMER MIXTURE  
COMPRISING POLYBUTYLENE  
TEREPHTHALATE AND  
THERMOPLASTIC ELASTOMER;  
ARTICLES FORMED THEREFROM  
[54] MELANGE POLYMERIQUE A  
BASE DE POLY(TEREPHTALATE DE  
BUTYLENE) ET D'ELASTOMERE  
THERMOPLASTIQUE; ARTICLES A  
BASE DE CE MELANGE  
[72] DE BOER, JAN, FR  
[72] Tabankia, Farshid, BE  
[73] GENERAL ELECTRIC COMPANY,  
US  
[22] 1990-11-22  
[30] US (8900910) 1989-12-04

[11] 2,030,951  
[13] C

[51] Int.Cl. 5C12P 21/06 6C07K 9/00  
5A23C 21/02 5A23C 9/123 5A23C 9/127  
6C07K 14/335  
[25] EN  
[54] PROCESS FOR PRODUCING  
IMMUNOSTIMULANT AGENTS  
[54] PROCEDE POUR PRODUIRE DES  
AGENTS IMMUNO-STIMULANTS  
[72] Link, Harriet, CH  
[72] Pahud, Jean-Jacques, CH  
[73] SOCIETE DES PRODUITS NESTLE  
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[22] 1990-11-27  
[30] CH (4484/89-4) 1989-12-13

[11] 2,032,319  
[13] C

[51] Int.Cl. 5A61M 25/00  
[25] EN  
[54] CATHETER ASSEMBLIES FOR  
PREVENTION OF BLOOD LEAKAGE  
[54] ASSEMBLAGES DE CATHETER  
POUR PREVENIR LES FUITES DE  
SANG  
[72] Holdaway, Richard Gary, US  
[72] Cannon, Julian Edward, US  
[72] Horgen, Gordon Webster, US  
[72] Van Heugten, Anthony Ybert, US  
[72] Egolf, John William, Jr., US  
[73] Critikon, Inc., US  
[22] 1990-12-14  
[30] US (452,091) 1989-12-18

[11] 2,034,691  
[13] C

[51] Int.Cl. 5F16C 3/02 5B21C 1/22  
[25] EN  
[54] LIGHT WEIGHT DRIVE SHAFT  
[54] ARBRE DE TRANSMISSION  
LEGER  
[72] Simon, Joseph A., US  
[73] U. S. MANUFACTURING  
CORPORATION, US  
[22] 1991-01-22  
[30] US (550,303) 1990-07-09

[11] 2,034,960  
[13] C

[51] Int.Cl. 5C07D 207/412 5C10M 163/00  
5C08G 73/10  
[25] EN  
[54] SUCCINIMIDE COMPOSITIONS  
[54] COMPOSITIONS DE  
SUCCINIMIDE  
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[72] Walters, David K., GB  
[73] Ethyl Petroleum Additives Limited, GB  
[22] 1991-01-25  
[30] GB (90-300806.8) 1990-01-25

[11] 2,035,030  
[13] C

[51] Int.Cl. 5G01L 9/06  
[25] EN  
[54] SINGLE DIAPHRAGM  
TRANSDUCER WITH MULTIPLE  
SENSING ELEMENTS  
[54] TRANSDUCTEUR  
MONOMEMBRANE A ELEMENTS  
CAPTEURS MULTIPLES  
[72] Terry, Stephen Clark, US  
[72] Jerman, John Hallock, US  
[73] I.C. SENSORS, INC., US  
[85] 1991-02-20  
[86] 1990-06-20 (PCT/US1990/003494)  
[87] (WO1990/015976)  
[30] US (369,899) 1989-06-22

[11] 2,035,403  
[13] C

[51] Int.Cl. 5A61K 7/08 5A61K 7/50  
[25] FR  
[54] COMPOSITIONS LAVANTES A  
BASE DE SILICONES INSOLUBLES ET  
D'UN AGENT TENSIO-ACTIF DU TYPE  
ACIDE ETHER CARBOXYLIQUE  
POLYOXYALKYLENE, ET LEUR  
APPLICATION EN COSMETIQUE ET  
DERMATOLOGIE  
[54] WASHING COMPOUNDS  
CONTAINING NON SOLUBLE  
SILICONE AND A SURFACTANT  
AGENT OF THE POLYOXYALKYL  
CARBOXYLIC ETHERACID TYE AND  
THEIR APPLICA TION IN THE FIELD  
OF COSMETOLOGY AND  
DERMATOLOGY  
[72] Sebag, Henri, FR  
[72] Dubief, Claude, FR  
[73] L'OREAL, FR  
[22] 1991-01-31  
[30] FR (90 01149) 1990-01-31

[11] 2,036,660  
[13] C

[51] Int.Cl. 5E21B 43/12 5E21B 33/13  
[25] EN  
[54] CEMENT ACCELERATOR  
[54] ACCELERATEUR DE PRISE POUR  
BETON  
[72] Carpenter, Robert B., US  
[72] Wilson, William N., US  
[73] ATLANTIC RICHFIELD COMPANY,  
US  
[22] 1991-02-19  
[30] US (07/481,293) 1990-02-20

[11] 2,036,894  
[13] C

[51] Int.Cl. 5C12N 15/57 5C12N 15/12  
6A61K 38/48 5C12N 9/64  
[25] EN  
[54] VECTORS AND COMPOUNDS FOR  
EXPRESSION OF GLYCOSYLATION  
MUTANTS OF HUMAN PROTEIN C  
[54] VECTEURS ET COMPOSES POUR  
L'EXPRESSION DE MUTANTS DE LA  
PROTEINE C HUMAINE OBTENUS  
PAR GLYCOSYLATION  
[72] Gerlitz, Bruce E., US  
[72] Grinnell, Brian W., US  
[73] ELI LILLY AND COMPANY, US  
[22] 1991-02-22  
[30] US (484,081) 1990-02-23  
[30] US (628,063) 1990-12-21

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[11] **2,038,099**  
[13] C

[51] **Int.Cl. 5A61K 7/32**  
[25] EN  
[54] **CLEAR ANTIPERSPIRANT STICK  
TRANSPARENT EN BATON**  
[54] **ANTISUDORIFIQUE  
TRANSPARENT EN BATON**  
[72] Shin, Chung T., US  
[73] SIGNAL INVESTMENT &  
MANAGEMENT CO., US  
[22] 1991-03-12  
[30] US (504,494) 1990-04-04

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[13] C

[51] **Int.Cl. 5C08F 4/642 5C08F 10/00  
5C08F 10/02 5C08F 10/14**  
[25] EN  
[54] **SUPPORTED CATALYST FOR  
ETHYLENE POLYMERIZATION AND  
THE COPOLYMERIZATION OF  
ETHYLENE WITH ALPHA-OLEFINS,  
ITS PREPARATION AND USE**  
[54] **CATALYSEUR SUR SUPPORT  
POUR LA POLYMERISATION DE  
L'ETHYLENE ET LA  
COPOLYMERISATION DE  
L'ETHYLENE AVEC DES ALPHA-  
OLEFINS; PREPARATION ET  
UTILISATION**  
[72] Luciani, Luciano, IT  
[72] Invernizzi, Renzo, IT  
[72] Polesello, Mario, IT  
[72] Masi, Francesco, IT  
[72] Pondrelli, Maddalena, IT  
[72] Borghi, Italo, IT  
[73] Montedipe s.r.l., IT  
[22] 1991-03-15  
[30] IT (19698 A/90) 1990-03-16  
[30] IT (21503 A/90) 1990-09-18

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[11] **2,038,672**  
[13] C

[51] **Int.Cl. 5A61M 31/00**  
[25] EN  
[54] **DOSAGE FORM FOR  
DELIVERING DRUG TO THE  
INTESTINE**  
[54] **FORME POSOLOGIQUE POUR  
L'ADMINISTRATION D'UN  
MEDICAMENT AU NIVEAU  
INTESTINAL**  
[72] Wright, Jeremy C., US  
[72] Guittard, George V., US  
[73] ALZA CORPORATION, US  
[22] 1991-03-20  
[30] US (498,121) 1990-03-23

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[11] **2,039,024**  
[13] C

[51] **Int.Cl. 5H01M 6/46 5H01M 2/02  
5H01M 2/10**  
[25] EN  
[54] **BATTERY PACKAGING  
CONSTRUCTION**  
[54] **EMBALLAGE POUR PILES**  
[72] Hope, Stephen F., US  
[72] Hope, Henry F. (deceased), US  
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[13] C

[51] **Int.Cl. 5C07D 453/00 5C07D 513/10  
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[25] EN  
[54] **SPIRO BRIDGED AND  
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[54] **COMPOSES HETEROCYCLIQUES  
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[72] Segall, Yoffi, IL  
[72] Shirin, Ezra, IL  
[72] Karton, Yishai, IL  
[72] Meshulam, Haim, IL  
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[11] **2,039,990**  
[13] C

[51] **Int.Cl. 5F01D 5/30**  
[25] EN  
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CONTROL STAGE BLADE GROUP**  
[54] **MONTAGE D'AUBES DE ROTOR  
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[72] Partington, Albert Joseph, US  
[72] Schlatter, Martin Ennis, US  
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[73] CANON KABUSHIKI KAISHA, JP  
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[11] **2,046,548**  
[13] C

[51] **Int.Cl. 5F04C 27/00 5F16J 15/00**  
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[73] Copeland Corporation, US  
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[13] C

[51] **Int.Cl. 5B32B 27/08 5B29D 7/00  
5B29C 41/32**  
[25] EN  
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THEREFOR**  
[54] **CONTENANTS EN SACHETS ET  
PELLICULES CONNEXES**  
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[73] COLGATE-PALMOLIVE COMPANY,  
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[13] C

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[54] **INSTRUMENT ET METHODE SERVANT A AGRAFER SOUS L'EPIDERME DES TISSUS ORGANIQUES**  
[72] Green, David T., US  
[72] Bolanos, Henry, US  
[73] UNITED STATES SURGICAL CORPORATION, US  
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[30] US (07/630,224) 1990-12-19

[11] 2,050,180  
[13] C

[51] **Int.Cl. 5C03B 37/05**  
[25] EN  
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[54] **PROCEDE ET APPAREIL SERVANT A PRODUIRE DES FILAMENTS DE VERRE**  
[72] Okuma, Kiwamu, JP  
[72] Otaki, Keiji, JP  
[72] Yoda, Mitsuji, JP  
[72] Shinobu, Yukiyoshi, JP  
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[73] Paramount Glass Mfg. Co., Ltd.,  
[22] 1991-08-29  
[30] JP (2-234297) 1990-09-04

[11] 2,050,946  
[13] C

[51] **Int.Cl. 5A61L 25/00 5A61L 15/28 5A61L 15/44**  
[25] EN  
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[54] **UTILISATION DE POLYSACCHARIDES DANS DES PREPARATIONS POUR LE TRAITEMENT DES BLESSURES**  
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[72] Verschoor, Jacob, NL  
[73] Pharmalett International B.V., NL  
[22] 1991-09-09  
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[11] 2,051,212  
[13] C

[51] **Int.Cl. 5H04B 7/24**  
[25] EN  
[54] **PACKET DATA COMMUNICATION SYSTEM**  
[54] **SYSTEME DE TRANSMISSION DE DONNEES PAR PAQUETS**  
[72] Tymes, LaRoy, US  
[73] SYMBOL TECHNOLOGIES, INC., US  
[22] 1991-09-12  
[30] US (635,859) 1990-12-28

[11] 2,051,357  
[13] C

[51] **Int.Cl. 5D06F 39/00**  
[25] EN  
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[54] **PROCEDE ET DISPOSITIF POUR DOSER DES COMPOSITIONS DE DETERGENTS**  
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[73] UNILEVER PLC, GB  
[22] 1991-09-13  
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[11] 2,054,209  
[13] C

[51] **Int.Cl. 5C07C 275/40**  
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[54] **ANTIHYPERLIPIDEMIC AND ANTIATHEROSCLEROTIC UREA COMPOUNDS**  
[54] **COMPOSES UREIQUES ANTIHYPERLIPIDEMIQUES ET ANTIATHEROSCLEREUX**  
[72] Trivedi, Bharat Kalidas, US  
[73] WARNER-LAMBERT COMPANY, US  
[85] 1991-11-04  
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[30] US (359,830) 1989-06-01

[11] 2,054,435  
[13] C

[51] **Int.Cl. 5G01N 33/84 5G01N 21/25**  
[25] EN  
[54] **METHOD OF DETERMINING THE CONTENT OF HYDROGEN PEROXIDE IN AN AQUEOUS SOLUTION**  
[54] **METHODE POUR DETERMINER LA TENEUR D'UNE SOLUTION AQUEUSE EN PEROXYDE D'HYDROGENE**  
[72] Jadesjö, Gunilla, SE  
[72] Magnusson, Bertil, SE  
[72] Sundstrand, Signar, SE  
[73] Eka Nobel AB, SE  
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[11] 2,055,092  
[13] C

[51] **Int.Cl. 5C10C 3/00 5D01F 9/155**  
[25] EN  
[54] **ORGANOMETALLIC CONTAINING MESOPHASE PITCHES FOR SPINNING INTO PITCH CARBON FIBERS**  
[54] **BRAIS MESOMORPHES CONTENANT DES COMPOSES ORGANOMETALLIQUES POUR LE FILAGE DE FIBRES DE CARBONE DANS LE BRAI**  
[72] RODGERS, John A., US  
[72] ROMINE, H. Ernest, US  
[72] McCONAGHY, James R., Jr., US  
[73] CONOCO INC., US  
[22] 1991-11-07  
[30] US (628,314) 1990-12-14

[11] 2,056,538  
[13] C

[51] **Int.Cl. 5H02B 1/052**  
[25] EN  
[54] **ELECTRIC POWER DISTRIBUTION PANELBOARD-SWITCHBOARD BUS BAR INSULATION SHIELD**  
[54] **ECRAN D'ISOLATION DE BARRE OMNIBUS D'UN PANNEAU DE DISTRIBUTION ELECTRIQUE**  
[72] Markowski, Robert George, US  
[72] Perzan, Denis Allan, US  
[72] Morby, John Alfred, US  
[72] Robarge, Dean Arthur, US  
[73] GENERAL ELECTRIC COMPANY, US  
[22] 1991-11-28  
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[13] C

[51] **Int.Cl. 5A61K 31/195**  
[25] EN  
[54] **METHOD OF TREATING CATABOLIC, GUT-ASSOCIATED PATHOLOGICAL PROCESSES AND IMPAIRED HOST DEFENSES**  
[54] **METHODE DE TRAITEMENT DE PROCESSUS PATHOLOGIQUES CATABOLIQUES ASSOCIES A L'INTESTIN ET DE LA DEPRESSION IMMUNITAIRE DE L'HOTE**  
[72] Smith, Robert J., US  
[72] Wilmore, Douglas W., US  
[73] Brigham & Women's Hospital, US  
[85] 1991-12-02  
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[87] (WO1990/014823)  
[30] US (360839) 1989-06-02

[11] **2,059,915**  
[13] C

[51] **Int.Cl. 5C04B 35/50**  
[25] EN  
[54] **METHOD OF FORMING YTTRIA-GADOLINIA CERAMIC SCINTILLATOR USING HYDROXIDE COPRECIPIATION STEP**  
[54] **METHODE DE PRODUCTION D'UN SCINTILLATEUR CERAMIQUE D'YTTRIUM ET DE GADOLINIUM COMPRENANT UNE ETAPE DE COPRECIPIATION D'HYDROXYDE**  
[72] Dole, Stephen L., US  
[72] Venkataramani, Subramaniam (NMN), US  
[73] GENERAL ELECTRIC COMPANY, US  
[22] 1992-01-23  
[30] US (660,462) 1991-02-26

[11] **2,061,581**  
[13] C

[51] **Int.Cl. 5D01D 5/32**  
[25] FR  
[54] **DISPOSITIF DE FABRICATION, D'UN FIL COMPOSITE FORME DE FIBRES DE RENFORCEMENT ET DE MATIERE ORGANIQUE THERMOPLASTIQUE**  
[54] **MANUFACTURING DEVICE FOR COMPOSITE WIRE MADE OF REINFORCEMENT FIBRES AND THERMOPLASTIC ORGANIC MATTER**  
[72] Roncato, Giordano, FR  
[72] Fedorowsky, Robert, FR  
[72] Boissonnat, Philippe, FR  
[72] Loubinoux, Dominique, FR  
[73] VETROTEX FRANCE, FR  
[22] 1992-02-20  
[30] FR (91 03273) 1991-03-19

[11] **2,059,452**  
[13] C

[51] **Int.Cl. 5G01P 21/00**  
[25] EN  
[54] **SPEED SENSOR FAILURE DETECTION METHOD AND APPARATUS FOR AN OVERSPEED PROTECTION SYSTEM**  
[54] **METHODE ET APPAREIL DE DETECTION DE PANNE DE CAPTEUR DE VITESSE POUR SYSTEME DE PROTECTION CONTRE LES VITESSES EXCESSIVES**  
[72] Hurley, Joseph David, US  
[73] WESTINGHOUSE ELECTRIC CORPORATION, US  
[22] 1992-01-16  
[30] US (643,032) 1991-01-17

[11] **2,060,242**  
[13] C

[51] **Int.Cl. 5A61F 13/00**  
[25] EN  
[54] **NET WOUND DRESSINGS**  
[54] **PANSEMENTS A FILETS POUR PLAIES**  
[72] Cheong, Catherine L., GB  
[73] JOHNSON & JOHNSON MEDICAL, INC., US  
[22] 1992-01-29  
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[11] **2,060,672**  
[13] C

[51] **Int.Cl. 5H01R 13/03**  
[25] EN  
[54] **CONTACT FOR AN ELECTRICAL CONNECTOR PROTECTED BY A POLYMER FILM AND ITS PRODUCTION PROCESS**  
[54] **SYSTEME DE CHRONOMETRAGE ELECTRONIQUE POUR MACHINES SERVANT A FORMER DE LA VERRERIE**  
[72] Boissel, Jacques, FR  
[72] Delhalle, Joseph, BE  
[72] Lecayon, Gérard, FR  
[72] Viel, Pascal, FR  
[73] COMMISSARIAT A L'ENERGIE ATOMIQUE, FR  
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[22] 1992-02-05  
[30] FR (91 01604) 1991-02-12

[11] **2,059,725**  
[13] C

[51] **Int.Cl. 5A61K 31/02 5A61K 31/13**  
[25] EN  
[54] **DILUENT FOR PERFLUOROCARBONS EMPLOYED FOR RETINAL UNFOLDING (UNFOLDING PFCL)**  
[54] **DILUANT POUR PERFLUOROCARBURES SERVANT AU REMPLACEMENT DE LA RETINE (PFCL DE REMPLACEMENT)**  
[72] Meinert, Hasso, DE  
[73] Chiron adatomed Pharmazeutische und medizintechnische Gesellschaft mbH, DE  
[22] 1992-01-21  
[30] DE (P 41 01 976.8) 1991-01-24

[11] **2,062,547**  
[13] C

[51] **Int.Cl. 5C23C 4/06 5C23C 4/12**  
[25] EN  
[54] **RIBBON FOR COATING BY TORCH SPRAYING AND ITS USE FOR DEPOSITING A QUASI-CRYSTALLINE PHASE ON A SUBSTRATE**  
[54] **CORDON UTILISE POUR LE REVETEMENT, PAR PROJECTION THERMIQUE, DE SURFACES METALLIQUES, ET UTILISATION D'UN TEL CORDON AUX FINS DE DEPOSITION D'UNE STRUCTURE QUASI-CRISTALLINE SUR UN SUBSTRAT**  
[72] Dubois, Jean-Marie, FR  
[72] Ducos, Maurice, FR  
[72] Nury, Robert, FR  
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR  
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[72] Mitsch, Gregory S., US  
[72] Nidelkoff, Michael John, US  
[72] Pallin, Les L., US  
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[22] 1992-03-12  
[30] US (07/811,083) 1991-12-20

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[51] **Int.Cl. 5B29C 47/34 5B29D 23/18**  
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[54] **APPAREIL SERVANT A LA FABRICATION DE TUYAUX EN MATIERE PLASTIQUE**  
[72] Hegler, Ralph-Peter, DE  
[72] Hegler, Wilhelm, DE  
[73] Hegler, Wilhelm, DE  
[22] 1992-03-16  
[30] DE (P 41 11 229.6) 1991-04-08

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[13] C  
[51] **Int.Cl. 5B41M 5/28**  
[25] EN  
[54] **IMAGE-FORMING METHOD, AND INK RIBBON AND A PRINTING SHEET USED FOR THE METHOD**  
[54] **METHODE DE FORMATION D'IMAGES ET RUBAN ENCREUR ET FEUILLE D'IMPRESSION UTILISES DANS CETTE METHODE**  
[72] Ito, Kengo, JP  
[73] SONY CORPORATION, JP  
[22] 1992-03-16  
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[13] C  
[51] **Int.Cl. 5F02C 7/12**  
[25] EN  
[54] **SHROUD COOLING ASSEMBLY FOR GAS TURBINE ENGINE**  
[54] **SYSTEME DE REFROIDISSEMENT D'ANNEAU DE RENFORCEMENT DE MOTEUR DE TURBINE A GAZ**  
[72] Proctor, Robert, US  
[72] Plemmons, Larry Wayne, US  
[72] Brainch, Gulcharan Singh, US  
[72] Hess, John Raymond, US  
[72] Albers, Robert Joseph, US  
[73] GENERAL ELECTRIC COMPANY, US  
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[30] US (702,549) 1991-05-20

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[51] **Int.Cl. 5A61K 31/195**  
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[85] 1992-04-08  
[86] 1990-10-09 (PCT/GB1990/001547)  
[87] (WO1991/004735)  
[30] GB (8922701.1) 1989-10-09

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[51] **Int.Cl. 5C22F 1/04 5C22F 1/043**  
[25] FR  
[54] **PROCEDE POUR AMELIORER L'ISOTROPIE TRAVERS DES PRODUITS EPAIS EN ALLIAGES D'AL**  
[54] **PROCESS FOR ISOTROPIC ENHANCEMENT THROUGH THICK ALUMINUM ALLOY PRODUCTS**  
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[72] Sainfort, Pierre, FR  
[73] PECHINEY RHENALU, FR  
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[51] **Int.Cl. 5A61F 13/15**  
[25] EN  
[54] **INCONTINENCE GUARD FOR MEN**  
[54] **PROTECTION POUR HOMME INCONTINENT**  
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[72] Rönnberg, Peter, SE  
[73] SCA HYGIENE PRODUCTS AKTIEBOLAG, BE  
[85] 1992-05-15  
[86] 1990-11-16 (PCT/SE1990/000744)  
[87] (WO1991/007155)  
[30] SE (8903868-1) 1989-11-17

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[13] C  
[51] **Int.Cl. 5A24D 1/18**  
[25] EN  
[54] **SIMULATED SMOKING ARTICLE**  
[54] **FAUX ARTICLE DE FUMEUR**  
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[73] Brown & Williamson Tobacco Corporation, US  
[22] 1992-05-22

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[13] C  
[51] **Int.Cl. 5H01H 73/04**  
[25] EN  
[54] **CIRCUIT BREAKER WITH HANDLE INTERLOCK FOR CONTACTS WHEN WELDED**  
[54] **DISJONCTEUR A DISPOSITIF DE VERROUILLAGE EN CAS DE NON-OUVERTURE DES CONTACTS**  
[72] Chou, Yu Wei, US  
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[73] EATON CORPORATION, US  
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[13] C

[51] **Int.Cl. 5A61M 25/01**  
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[54] **CATHETER A POINTE SOLUBLE**  
[72] Chevalier, Raymond P., Jr., US  
[72] Lacman, Joseph J., US  
[72] Hudson, John A., US  
[73] BOSTON SCIENTIFIC CORPORATION, US  
[85] 1992-04-22  
[86] 1990-11-08 (PCT/US1990/006524)  
[87] (WO1991/007200)  
[30] US (07/437,048) 1989-11-13

[11] \* **2,073,863**  
[13] C

[51] **Int.Cl. 5B60R 1/00 5B60R 27/00 5B62D 63/08**  
[25] EN  
[54] **TOW VEHICLE ALIGNMENT METHOD AND APPARATUS**  
[54] **METHODE ET APPAREIL D'ALIGNEMENT DE VEHICULE DE REMORQUAGE**  
[72] Parent, Richard Arthur, CA  
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[85] 1992-07-14  
[86] 1991-01-18 (PCT/CA1991/000016)  
[87] (WO1991/010580)  
[30] CA (2,008,200) 1990-01-19

[11] **2,077,254**  
[13] C

[51] **Int.Cl. 5A01N 53/00 5A01N 25/02**  
[25] EN  
[54] **PARASITICIDAL COMPOSITION AND METHODS FOR ITS MAKING AND USE**  
[54] **COMPOSITION ANTIPARASITAIRE, PROCEDE DE FABRICATION ET MODE D'UTILISATION**  
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[72] Seymour, David S., US  
[73] SCHERING-PLOUGH ANIMAL HEALTH CORPORATION, US  
[85] 1992-08-31  
[86] 1991-02-28 (PCT/US1991/001410)  
[87] (WO1991/013545)  
[30] US (487,913) 1990-03-05

[11] **2,072,989**  
[13] C

[51] **Int.Cl. 5H04B 7/005 5H04B 7/26**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONTROLLING TRANSMISSION POWER IN A CDMA CELLULAR MOBILE TELEPHONE SYSTEM**  
[54] **METHODE ET DISPOSITIF POUR COMMANDER LA PUISSANCE D'EMISSION POUR SYSTEME DE TELEPHONIE MOBILE CELLULAIRE AMDC**  
[72] Gilhousen, Klein S., US  
[72] Padovani, Roberto, US  
[72] Wheatley, Charles E., III, US  
[73] QUALCOMM INCORPORATED, US  
[85] 1992-05-06  
[86] 1990-11-05 (PCT/US1990/006418)  
[87] (WO1991/007037)  
[30] US (433,031) 1989-11-07

[11] \* **2,076,466**  
[13] C

[51] **Int.Cl. 5G06F 13/38 5G06F 3/00**  
[25] EN  
[54] **METHOD FOR BUFFERING HIGH BANDWIDTH DATA FROM AN INPUT DEVICE**  
[54] **METHODE UTILISANT UN CANAL A LARGE BANDE POUR METTRE EN MEMOIRE-TAMPON LES DONNEES PROVENANT D'UN DISPOSITIF D'ENTREE**  
[72] Tannenbaum, Alan R., US  
[72] Zetts, John M., US  
[72] Gray, Michael N., US  
[72] Granados, Teresa, US  
[72] Mills, William A., US  
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 1992-08-20  
[30] US (779,703) 1991-10-21

[11] **2,077,347**  
[13] C

[51] **Int.Cl. 5C12N 15/74 5C12N 15/11 5C12N 15/70**  
[25] FR  
[54] **VECTEURS DE CLONAGE ET/OU D'EXPRESSION, PROCEDE DE PREPARATION ET LEUR UTILISATION**  
[54] **CLONING VECTORS AND/OR EXPRESSION, THEIR PREPARATION PROCESS AND THEIR USE**  
[72] Cameron, Béatrice, FR  
[72] Crouzet, Joël, FR  
[72] Levy Schil, Sophie, FR  
[73] RHONE-POULENC BIOCHIMIE, FR  
[85] 1992-09-01  
[86] 1991-04-23 (PCT/FR1991/000333)  
[87] (WO1991/016439)  
[30] FR (90/05185) 1990-04-24

[11] **2,073,027**  
[13] C

[51] **Int.Cl. 5H04Q 7/04 5H04Q 9/02 5H04B 7/15 5H04B 7/26**  
[25] EN  
[54] **SOFT HANDOFF IN A CDMA CELLULAR TELEPHONE SYSTEM**  
[54] **TRANSFERT DOUX DANS UN SYSTEME DE TELEPHONIE CELLULAIRE AMDC**  
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[72] Padovani, Roberto, US  
[72] Wheatley, Charles E., III, US  
[73] QUALCOMM INCORPORATED, US  
[85] 1992-05-06  
[86] 1990-11-05 (PCT/US1990/006416)  
[87] (WO1991/007020)  
[30] US (433,030) 1989-11-07

[11] **2,077,156**  
[13] C

[51] **Int.Cl. 5C08J 3/24**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF DIENE RUBBER VULCANISATES**  
[54] **PROCEDE POUR LA PREPARATION DE VULCANISATS DE CAOUTCHOUC DIENIQUE**  
[72] Wolpers, Jürgen, DE  
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[72] Nordsiek, Karl-Heinz, DE  
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[25] EN  
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[51] Int.Cl. 5C12N 15/56 6C07K 14/00  
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DEGRADING CELLULOSE OR  
HEMICELLULOSE  
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CONGELATION  
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DEVICE  
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HYDROPHILIC, LOW-FRICTION  
COATING AND INSTRUMENT HAVING  
SUCH A COATING  
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[72] Burnell, Patricia Kwong Phieu, GB  
[73] GLAXO GROUP LIMITED, GB  
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[13] C

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[72] Heimann, Klaus, DE  
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[54] PROTHESE AUDITIVE POUR LA FILTRATION ADAPTATIVE COMMANDEE PAR L'UTILISATEUR DE COMPOSANTES SONORES CHOISIES ET METHODE DE FABRICATION  
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[73] K/S HIMPP, DK  
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[13] C

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[73] University of Houston - University Park, US  
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[11] 2,103,178  
[13] C

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[25] FR  
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[73] IMPERIAL CHEMICAL INDUSTRIES PLC, GB  
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[72] Josephson, Paul F., US  
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[73] SPRINGS WINDOW FASHIONS DIVISION, INC., US  
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[25] EN  
[54] **GLYCOSYLATED PRODRUGS, AND THEIR PROCESSES OF PREPARATION AND USE**  
[54] **PRODROGUES GLYCOSYLEES, LEURS PROCEDES DE PREPARATION ET LEUR UTILISATION**  
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[72] Sedlacek, Hans H., DE  
[72] Koch, Michel, FR  
[72] Florent, Jean-Claude, FR  
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[72] Hoffman, Dieter, DE  
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[13] C

[51] **Int.Cl. 5G06F 1/24 5G06F 15/16 5G06F 9/24**  
[25] EN  
[54] **MULTIPROCESSOR DISTRIBUTED INITIALIZATION AND SELF-TEST SYSTEM**  
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[73] SAMSUNG ELECTRONICS CO., LTD., KR  
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[30] US (721,692) 1991-06-26

[11] **2,116,940**  
[13] C

[51] **Int.Cl. 5G06F 15/30**  
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[54] **POSTE DE COMPTAGE DE LA VALEUR DE BILLETS DE BANQUE FICELES**  
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[73] De La Rue Giori S.A., CH  
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[13] C

[51] **Int.Cl. 5B62J 11/00**  
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[54] **ELEMENTS DE TUBE A FAISCEAU ELECTRONIQUE**  
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[72] Storm, Stephen M., US  
[73] United States of America as represented by the Secretary, Department of Health and Human Services, US  
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[13] C

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[72] PERES, Eliana M. O., CA  
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[54] DISPOSITIF ET METHODE DE TRAITEMENTS RAPIDE DU PLASMA  
[72] Felts, John T., US  
[72] Chatham, Robert Hood III, US  
[72] Countrywood, Joseph, US  
[72] Nelson, Robert J., US  
[73] VALMET GENERAL LIMITED, XX  
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[13] C

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**COMPOUNDS USEFUL AS**  
**INDUSTRIAL MICROBICIDES AND**  
**PRESERVATIVES**  
[54] **COMPOSES HETEROCYCLIQUES**  
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[72] McKnight, Catherine A., US  
[72] Duggan, Michael J., US  
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[72] Radez, Ivan, SI  
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[13] C

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[54] **VERRES A REVETEMENT FORME PAR PULVERISATION CATHODIQUE, REFLECHISSANT LES IR, DURABLES ET APTES AU TRAITEMENT THERMIQUE, ET METHODE DE FABRICATION**  
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[54] **PROCESS TO REDUCE AMBIGUITY IN A SYNTHETIC APERTURE RADAR AND RADAR USING SUCH PROCESS**  
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[85] 1996-07-05  
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[54] ROBINET A ACTION  
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AIR INTERFACE SUBSYSTEM FOR AN  
INDOOR WIRELESS ATM NETWORK  
[54] SOUS-SYSTEME DE CONTROLE  
D'ACCES AU SUPPORT ET  
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AMBIANT POUR RESEAU MTA  
D'INTERIEUR SANS FIL  
[72] Agrawal, Prathima, US  
[72] Trotter, John Andrew, US  
[72] Hyden, Eoin, US  
[72] Krzyzanowski, Paul, US  
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[73] AT&T CORP., US  
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[54] DETECTEUR DE SIRENE  
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[13] C

[51] **Int.Cl. 6G06F 15/163 6G06F 12/08 6G06F 13/14 6G06F 17/30**  
[25] EN  
[54] **INTER-CACHE PROTOCOL FOR IMPROVED WEB PERFORMANCE**  
[54] **PROTOCOLE ENTRE ANTEMEMOIRES POUR AMELIORER LA PERFORMANCE SUR LE WEB**  
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[72] DESIMONE, Antonio, US  
[72] SIBAL, Sandeep, US  
[73] AT&T CORP., US  
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[51] **Int.Cl. 6H04M 3/42 6H04L 12/54**  
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[54] **SERVICES D'ANNUAIRE INTEGRES**  
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[72] PETERS, TODD, CA  
[73] MITEL KNOWLEDGE CORPORATION, CA  
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[13] C

[51] **Int.Cl. 6A61K 7/50 6D21H 21/14 6D21H 19/18**  
[25] EN  
[54] **CARRIER SUBSTRATE TREATED WITH HIGH INTERNAL WATER PHASE INVERSE EMULSION MADE WITH AN ORGANOPOLYSILOXANE-POLYOXYALKYLENE EMULSIFIER**  
[54] **SUBSTRAT SUPPORT TRAITE AVEC UNE EMULSION INVERSE A HAUTE TENEUR EN PHASE AQUEUSE INTERNE CONSTITUEE D'UN EMULSIFIANT D'ORGANOPOLYSILOXANE-POLYOXYALKYLENE**  
[72] MACKEY, Larry Neil, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1997-10-20  
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[51] **Int.Cl. 6G06T 1/00**  
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[54] **METHODE MULTIMODALE DE LOCALISATION D'OBJETS DANS LES IMAGES**  
[72] COSATTO, Eric, US  
[72] GRAF, Hans Peter, US  
[73] AT&T CORP., US  
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[30] US (752,109) 1996-11-20

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[13] C

[51] **Int.Cl. 6A23G 9/20**  
[25] EN  
[54] **AIR/LIQUID REGULATOR USED IN FROZEN DESSERT DISPENSING MACHINES**  
[54] **REGULATEUR AIR/LIQUIDE UTILISE DANS DES MACHINES DISTRIBUTRICES DE DESSERTS CONGELES**  
[72] GOCH, Bernard J., US  
[72] SALKOWSKI, Theodore J., US  
[73] STOELTING, INC., US  
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[13] C

[51] **Int.Cl. 6C08F 257/02 6C08F 265/04**  
[25] FR  
[54] **POUDRES REDISPERSABLES DANS L'EAU DE POLYMERES FILMOGENES A STRUCTURE "COEUR/ECORCE"**  
[54] **WATER-REDISPERSIBLE POWDERS OF FILM-FORMING POLYMERS HAVING A CORE/SHELL STRUCTURE**  
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[72] BETT, William, FR  
[73] RHODIA CHIMIE, FR  
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[51] **Int.Cl. 6F16B 31/00 6F16B 35/00 6E04B 1/38**  
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[54] **ELEMENT DE FIXATION**  
[72] SPRENGER, Markus, LI  
[72] RASS, Franz, AT  
[72] ROHRMOSER, Gunter, AT  
[73] HILTI AKTIENGESSELLSCHAFT, LI  
[22] 1997-11-10  
[30] DE (196 46 951.1) 1996-11-13

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[51] **Int.Cl. 6H02H 1/04**  
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[54] **CONDITIONNEMENT SANS TRANSFORMATEUR D'UN RESEAU DE DISTRIBUTION D'ENERGIE**  
[72] MUELLEMAN, Norman F., US  
[73] POWERVAR, INC., US  
[85] 1997-11-21  
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[13] C

[51] **Int.Cl. 6G02F 1/21 6H04J 14/08 6H04B 10/14**  
[25] EN  
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[54] **ECHANTILLONNAGE OPTIQUE PAR MODULATION D'UN TRAIN D'IMPULSIONS**  
[72] HADJIFOTIOU, Anagnostis, GB  
[72] ROBERTS, Kim Byron, GB  
[73] NORTEL NETWORKS LIMITED, CA  
[22] 1997-11-26  
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[54] **TURRET ASSEMBLY**  
[54] **ENSEMBLE A TOURELLE REVOLVER**  
[72] McNEIL, Kevin Benson, US  
[72] JOHNSON, James Robert, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
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[13] C

[51] **Int.Cl. 6F23N 1/02 6F23N 5/18 6F23D 14/60**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONTROLLING STAGED COMBUSTION SYSTEMS**  
[54] **PROCEDE ET EQUIPEMENT DESTINES A COMMANDER DES SYSTEMES DE COMBUSTION ETAGES**  
[72] HOMA, John L., US  
[72] ROBERTSON, Thomas F., US  
[73] North American Manufacturing Company, US  
[85] 1997-12-03  
[86] 1996-05-24 (PCT/US1996/007727)  
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[30] US (08/469,220) 1995-06-06

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[11] **2,223,692**  
[13] C

[51] **Int.Cl. 6A01N 37/02 6A01N 25/04 6A01N 25/30**  
[25] EN  
[54] **EMULSIFIED COMPOSITIONS OF 1,4-BIS(BROMOACETOXY)-2-BUTENE USEFUL AS A MICROBICIDE AND PRESERVATIVE**  
[54] **COMPOSITIONS EMULSIONNEES DE 1,4-BIS(BROMOACETOXY)-2-BUTENE UTILISEES EN TANT QUE MICROBICIDES ET AGENTS CONSERVATEURS**  
[72] ZHOU, Xiangdong, US  
[72] KING, Vanja M., US  
[72] LEE, James, US  
[73] BUCKMAN LABORATORIES INTERNATIONAL, INC., US  
[85] 1997-12-05  
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[51] **Int.Cl. 6H01J 25/50 6F24C 7/02 6H05B 6/64**  
[25] EN  
[54] **STRUCTURALLY SIMPLE APPARATUS FOR GENERATING A MICROWAVE FREQUENCY ENERGY**  
[54] **APPAREIL A STRUCTURE SIMPLE POUR GENERER DE L'ENERGIE DE FREQUENCES MICRO-ONDES**  
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[72] LEE, Hong-Woo, KR  
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[13] C

[51] **Int.Cl. 6H01G 13/04 6H01G 9/035 6H01G 4/22**  
[25] FR  
[54] **PROCEDE D'IMPREGNATION DE CONDENSATEURS ELECTRIQUES**  
[54] **PROCESS FOR IMPREGNATING ELECTRICAL CAPACITORS**  
[72] BERGER, Noëlle, FR  
[73] ELF ATOCHEM S.A., FR  
[22] 1998-01-30  
[30] FR (97 01 079) 1997-01-31

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[13] C

[51] **Int.Cl. 6C04B 5/06**  
[25] EN  
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[54] **TRAITEMENT DE LAITIERS OXYDIQUES**  
[72] EDLINGER, Alfred, CH  
[73] "Holderbank" Financière Glarus AG, CH  
[85] 1998-01-28  
[86] 1997-06-03 (PCT/AT1997/000113)  
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[30] AT (A 979/96) 1996-06-05  
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[11] **2,228,157**  
[13] C

[51] **Int.Cl. 6E21B 33/03**  
[25] EN  
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[54] **TETE DE CIRCULATION A POSITIONNEMENT AUTOMATIQUE POUR CHEVALETS DE POMPAGE**  
[72] BASSINGER, Grey, US  
[73] AUTO PAX PRODUCTS, LLC, US  
[85] 1998-01-28  
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[13] C

[51] **Int.Cl. 6H04L 12/06 6H04L 12/16 6H04L 12/24**  
[25] EN  
[54] **A TOKEN-BASED DEADLINE ENFORCEMENT SYSTEM FOR ELECTRONIC DOCUMENT SUBMISSION**  
[54] **SYSTEME DE CONTROLE D'ECHANCE A BASE DE JETONS POUR LA LIVRAISON DE DOCUMENTS ELECTRONIQUES**  
[72] LAU, Terence Chun-Yat, CA  
[72] LO, JIMMY, CA  
[72] MIRLAS, LEV, CA  
[73] IBM CANADA LIMITED-IBM CANADA LIMITEE, CA  
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[13] C

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[72] LAMPART, Karl D., US  
[73] SKF USA INC., US  
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[30] US (08/533,988) 1995-09-27

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[54] **SCANNING DEVICE FOR SCANNING A PHYSICAL PROPERTY OF A FIBROUS WEB**  
[54] **DISPOSITIF DE BALAYAGE SERVANT A MESURER LES PROPRIETES PHYSIQUES D'UNE BANDE FIBREUSE**  
[72] ORTEMO, B. Lennart H., SE  
[72] SVANQVIST, Tord O. S., SE  
[73] Valmet-Karlstad AB, SE  
[85] 1998-02-11  
[86] 1996-09-10 (PCT/SE1996/001122)  
[87] (WO1997/010383)  
[30] SE (9503173-8) 1995-09-13

[11] **2,230,231**  
[13] C

[51] **Int.Cl. 6H04J 1/02 6H04B 7/204 6H04Q 7/22**  
[25] EN  
[54] **APPARATUS FOR REMOVING SHARED WAVES**  
[54] **DISPOSITIF DE SUPPRESSION D'ONDES PARTAGEES**  
[72] UCHIDA, Yoshinori, JP  
[72] MATSUMOTO, Shinji, JP  
[73] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[85] 1998-02-24  
[86] 1996-11-29 (PCT/JP1996/003507)  
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[11] **2,230,334**  
[13] C

[51] **Int.Cl. 6F02C 6/18 6F22B 1/18**  
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[54] **MOTEUR A CYCLES COMBINES**  
[72] SUGISHITA, Hideaki, JP  
[72] HIROKAWA, Kazuharu, JP  
[72] FUKUIZUMI, Yasushi, JP  
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[11] **2,230,495**  
[13] C

[51] **Int.Cl. 6B41M 5/38 6B41M 5/40**  
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[54] **MATTED RELEASE COAT FOR SELF-WOUND THERMAL PRINTABLE FACESTOCK**  
[54] **REVETEMENT DE DECOLLAGE FEUTRE DESTINE A UNE PELLICULE FRONTALE ENROULEE SUR ELLE-MEME POUR IMPRESSION THERMIQUE**  
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[72] MITCHELL, Chauncey T., Jr., US  
[73] MEDIA SOLUTIONS INTERNATIONAL, INC., US  
[85] 1998-02-25  
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[30] US (520,757) 1995-08-29

[11] **2,230,596**  
[13] C

[51] **Int.Cl. 6H02K 1/22 6H02K 11/00 6H02K 9/06 6H02K 5/22**  
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[54] **AN ELECTRIC MOTOR HAVING AN IMPROVED AIRFLOW COOLING SYSTEM**  
[54] **MOTEUR ELECTRIQUE A CIRCULATION D'AIR DE REFROIDISSEMENT AMELIOREE**  
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[72] COX, Karmen D., US  
[73] EMERSON ELECTRIC CO., US  
[22] 1998-04-02  
[30] US (08/837,777) 1997-04-22

[11] **2,231,213**  
[13] C

[51] **Int.Cl. 6B07C 1/14**  
[25] EN  
[54] **MAILING MACHINE INCLUDING DIMENSIONAL RATING CAPABILITY**  
[54] **MACHINE DE TRAITEMENT DU COURRIER POSSEDANT UNE FONCTION DE CATEGORISATION DIMENSIONNELLE**  
[72] FREEMAN, Gerald C., US  
[72] SCHOONMAKER, Richard P., US  
[72] SALAZAR, Edilberto I., US  
[72] SCHULZ, Kenneth A., US  
[73] PITNEY BOWES INC., US  
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[11] **2,231,489**  
[13] C

[51] **Int.Cl. 6A47C 7/02**  
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[72] GRAEBE, Robert H., US  
[73] GRAEBE, Robert H., US  
[85] 1998-03-30  
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[87] (WO1998/004170)  
[30] US (08/688,985) 1996-07-31

[11] **2,232,431**  
[13] C

[51] **Int.Cl. 6C11D 17/06 6C11D 11/00**  
[25] EN  
[54] **PROCESS FOR MAKING A HIGH DENSITY DETERGENT COMPOSITION BY CONTROLLING AGGLOMERATION WITHIN A DISPERSION INDEX**  
[54] **PROCEDE DE PRODUCTION D'UNE COMPOSITION DETERGENTE HAUTE DENSITE PAR MAINTIEN DE L'AGGLOMERATION DANS LES LIMITES D'UN INDICE DE DISPERSION**  
[72] CAPECI, Scott William, US  
[72] NASSANO, David Robert, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1998-03-17  
[86] 1996-09-13 (PCT/US1996/014861)  
[87] (WO1997/011153)  
[30] US (08/530,545) 1995-09-19

[11] **2,232,968**  
[13] C

[51] **Int.Cl. 6F25J 3/02**  
[25] EN  
[54] **CRYOGENIC HYBRID SYSTEM FOR PRODUCING HIGH PURITY ARGON**  
[54] **SYSTEME CRYOGENIQUE HYBRIDE POUR LA PRODUCTION D'ARGON TRES PUR**  
[72] NGUYEN, Tu Cam, US  
[72] WEBER, Joseph Albert, US  
[72] BAKSH, Mohamed Safdar Allie, US  
[72] BONAQUIST, Dante Patrick, US  
[73] PRAXAIR TECHNOLOGY, INC., US  
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[72] HIRAMATSU, Takuya, JP  
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[22] 1998-03-25  
[30] JP (9-72922) 1997-03-26

[11] 2,233,264  
[13] C

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[54] ATTELAGE A HAUTEUR REGLABLE A AMORTISSEUR VERTICAL  
[72] VAN VLEET, ROBERT D., US  
[73] VAN VLEET, ROBERT D., US  
[22] 1998-03-27  
[30] US (08/861,992) 1997-05-22

[11] 2,233,363  
[13] C

[51] Int.Cl. 6C02F 1/50 6C09D 5/14  
[25] EN  
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[54] PROCEDES ET COMPOSITIONS UTILISANT DES AMIDES COMME AGENTS ANTISALISSURE  
[72] BRYANT, Stephen D., US  
[72] WHITTEMORE, Marilyn S., US  
[72] GLOVER, Daniel E., US  
[72] ZOLLINGER, Mark L., US  
[73] Buckman Laboratories International, Inc., US  
[85] 1998-03-27  
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[87] (WO1997/011910)  
[30] US (08/536,978) 1995-09-29

[11] 2,233,481  
[13] C

[51] Int.Cl. 6H01L 23/367  
[25] EN  
[54] INTEGRATED CIRCUIT DEVICE COOLING STRUCTURE  
[54] STRUCTURE DE REFROIDISSEMENT DE DISPOSITIF A CIRCUIT INTEGRE  
[72] UMEZAWA, Kazuhiko, JP  
[73] NEC CORPORATION, JP  
[22] 1998-03-27  
[30] JP (078171/97) 1997-03-28

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[13] C

[51] Int.Cl. 6A61F 13/10  
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[54] THERAPEUTIC ELASTIC BODY SUPPORT  
[54] SUPPORT DE CORPS ELASTIQUE, A USAGE THERAPEUTIQUE  
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[73] BECTON, DICKINSON AND COMPANY, US  
[85] 1998-03-30  
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[30] US (08/538,782) 1995-10-03

[11] 2,233,851  
[13] C

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[25] EN  
[54] METHOD OF PRINTING AND PRINTING MEDIUM  
[54] METHODE POUR IMPRIMER ET SUPPORT D'IMPRESSON  
[72] FOLEY, Diane M., US  
[72] ROCKWOOD, David H., US  
[73] XEROX CORPORATION, US  
[22] 1998-03-31  
[30] US (08/841,371) 1997-04-30

[11] 2,233,875  
[13] C

[51] Int.Cl. 6A01D 34/54 6A01D 34/43  
[25] EN  
[54] MOWER DECK SUSPENSION MECHANISM  
[54] MECANISME DE SUSPENSION DE CHASSIS DE TONDEUSE  
[72] SEEGER, Brian David, US  
[73] DEERE & COMPANY, US  
[22] 1998-04-30  
[30] US (08/872,517) 1997-06-10

[11] 2,234,454  
[13] C

[51] Int.Cl. 6H04N 1/00 6H04L 9/00 6H04L 9/32  
[25] EN  
[54] APPARATUS AND METHOD FOR AUTHENTICATING THE DISPATCH AND CONTENTS OF DOCUMENTS  
[54] APPAREIL ET PROCEDE POUR AUTHENTIFIER L'ENVOI ET LE CONTENU DE DOCUMENTS  
[72] FELDBAU, Michael, IL  
[72] FELDBAU, Ofra, IL  
[73] FELDBAU, Michael, IL  
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[85] 1998-04-08  
[86] 1996-08-27 (PCT/IB1996/000859)  
[87] (WO1997/008869)  
[30] EP (95113489.9) 1995-08-28  
[30] IL (117234) 1996-02-22

[11] 2,235,813  
[13] C

[51] Int.Cl. 6A61K 7/11  
[25] EN  
[54] HAIR STYLING COMPOSITIONS CONTAINING NON-SILICONE AND SILICONE GRAFTED POLYMERS AND LOW LEVEL OF A VOLATILE HYDROCARBON SOLVENT  
[54] COMPOSITIONS COIFFANTES CONTENANT DES POLYMERES GREFFES SILICONES OU NON SILICONES AINSI QU'UNE FAIBLE QUANTITE D'UN SOLVANT HYDROCARBURE VOLATIL  
[72] PEFFLY, Marjorie Mossman, US  
[72] TORGERSON, Peter Marte, US  
[72] MIDHA, Sanjeev, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1998-04-23  
[86] 1996-10-18 (PCT/US1996/016737)  
[87] (WO1997/015275)  
[30] US (08/549,161) 1995-10-27

[11] 2,236,308  
[13] C

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[25] EN  
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[54] TAMIS DE SEPARATEUR ET PROCEDE DE TAMISAGE  
[72] ROTH, Eldon, US  
[73] Freezing Machines, Inc., US  
[85] 1998-04-29  
[86] 1996-11-06 (PCT/US1996/017848)  
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[30] US (08/556,712) 1995-11-13

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[13] C

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[25] EN  
[54] **METHOD AND APPARATUS  
RELATING TO TEST EQUIPMENT  
WITH HUMIDIFICATION  
CAPABILITY**  
[54] **PROCEDE ET APPAREIL POUR  
EQUIPEMENTS D'ESSAI A CAPACITE  
D'HUMIDIFICATION**  
[72] CUTRIGHT, Robert A., US  
[72] WALTON, Wayne, US  
[72] WALKER, Richard, US  
[73] VENTUREDYNE, LTD., US  
[85] 1998-04-30  
[86] 1996-09-10 (PCT/US1996/014572)  
[87] (WO1997/016719)  
[30] US (08/550,463) 1995-10-30

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[11] **2,237,228**  
[13] C

[51] **Int.Cl. 6A01C 5/06**  
[25] EN  
[54] **TRASH CLEANING STRUCTURE  
FOR A FURROW OPENING DEVICE**  
[54] **STRUCTURE DE DEGAGEMENT  
DE DEBRIS POUR UN OUVEREUR DE  
SILLON**  
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CONTROL OF AN INTEGRATED  
CRYOGENIC AIR SEPARATION UNIT/  
GAS TURBINE SYSTEM**  
[54] **METHODE ET DISPOSITIF DE  
REGULATION DE SYSTEME  
REUNISSANT UN APPAREIL DE  
SEPARATION D'AIR ET UNE TURBINE  
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SYSTEM**  
[54] **ECHANGEUR DE CHALEUR DE  
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[72] PEACOCK, Richard, US  
[73] PHILLIPS PETROLEUM COMPANY,  
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[54] **DISPOSITIF D'USINAGE A  
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ADSORBENTS FOR HEAVY METAL  
REMOVAL**  
[54] **AGENTS ABSORBANTS A BASE DE  
GEL D'ALGINATE POUR  
L'ELIMINATION DES METAUX  
LOURDS**  
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[72] OH, Eu Gene, KR  
[72] KIM, Kyung Hwa, KR  
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[25] EN  
[54] **METHOD AND APPARATUS FOR  
ATTACHING WINDOW HARDWARE**  
[54] **METHODE ET APPAREIL DE MISE  
EN PLACE DE MATERIEL DE  
FENETRE**  
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[72] TANIMURA, Yasuhiro, JP  
[72] NAKAYAMA, Shigeki, JP  
[72] AMITANI, Hisao, JP  
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[54] APPARATUS AND METHOD OF  
ASSISTING VISUALLY IMPAIRED  
PERSONS TO GENERATE GRAPHICAL  
DATA IN A COMPUTER  
[54] APPAREIL ET METHODE POUR  
AIDER UNE PERSONNE AYANT UNE  
DEFICIENCE VISUELLE A GENERER  
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ORDINATEUR  
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[73] NEC CORPORATION, JP  
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[25] EN  
[54] LARGE ROUND BALER NET  
WRAPPING DEVICE FOR DISPENSING  
NET FROM A SUPPLY ROLL RESTING  
ON DRIVEN FEED ROLL  
[54] DISPOSITIF DE DISTRIBUTION  
D'UN FILET A PARTIR D'UN  
ROULEAU D'APPROVISIONNEMENT  
REPOSANT SUR UN ROULEAU  
D'ALIMENTATION CONTINU POUR  
UNE PRESSE A GRANDE BALES  
CYLINDRIQUES  
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[13] C

[51] Int.Cl. 6H05K 1/00 6H05K 1/14  
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FOR A MOTOR VEHICLE  
[54] DISPOSITIF DE COMMANDE,  
NOTAMMENT POUR AUTOMOBILE  
[72] VOGL, Günter, DE  
[72] OTT, Reinhold, DE  
[72] KERNER, Nikolaus, DE  
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[54] APPAREIL DE TRI  
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[25] EN  
[54] MULTIPLE STRING  
COMPLETION APPARATUS AND  
METHOD  
[54] APPAREIL ET METHODE  
D'ACHEVEMENT COMPRENANT  
PLUSIEURS RAMES  
[72] SMITH, Benji, US  
[72] FEHR, James, CA  
[72] NISTOR, RADU NICOLAE, CA  
[72] LAGRANGE, Timothy Edward, CA  
[72] COMEAU, LAURIER E., CA  
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[13] C

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[54] DUAL STAGE ROTARY SCREW  
PUMP TOOL AND METHOD OF PUMP  
FLUSHING  
[54] OUTIL DU TYPE POMPE  
ROTATIVE A VIS A DEUX PHASES ET  
PROCEDE POUR VIDANGER AVEC  
LADITE POMPE  
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[13] C

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[25] EN  
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MANAGEMENT METHOD FOR  
SPREAD SPECTRUM  
COMMUNICATION  
[54] METHODE DE GESTION D'UN  
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SPECTRE ETALE  
[72] LaROSA, Christopher P., US  
[72] RASKY, Phillip D., US  
[72] FRANK, Colin D., US  
[72] EBERHARDT, Michael A., US  
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ELASTOMERE THERMOPLASTIQUE  
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[54] **PROCEDE DE FABRICATION DE RACCORDS DE TUYAUX EN POLYETHYLENE RETICULE**  
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[73] ROWLEY, William W., US  
[85] 1998-07-28  
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[13] C

[51] **Int.Cl. 6B01J 23/85 6B01J 21/04 6B01J 21/08 6C07C 5/13 6C07C 9/22**  
[25] EN  
[54] **PROCESS FOR THE HYDROISOMERIZATION OF LONG-CHAIN N-PARAFFINS AND CATALYST SUITABLE FOR THE PURPOSE**  
[54] **METHODE ET CATALYSEUR POUR L'HYDRO-ISOMERISATION DE N-PARAFFINES A LONGUE CHAINE**  
[72] FLEGO, Cristina, IT  
[72] CALEMMA, Vincenzo, IT  
[73] AGIP PETROLI S.P.A., IT  
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[30] IT (MI97A 002288) 1997-10-09

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[13] C

[51] **Int.Cl. 6G09F 13/00 6F25D 27/00 6G09F 23/06**  
[25] EN  
[54] **AN INTERACTIVE DISPLAY UNIT FOR THE DISTRIBUTION OF PRODUCTS, IN PARTICULAR A REFRIGERATED DISPLAY UNIT FOR FOOD PRODUCTS SUCH AS ICE CREAM AND THE LIKE**  
[54] **UNITE PRESENTOIR INTERACTIVE POUR LA DISTRIBUTION DE PRODUITS, NOTAMMENT UNITE PRESENTOIR REFRIGEREE POUR PRODUITS ALIMENTAIRES TELS QUE DES GLACES ET AUTRES**  
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[73] SOCIETE DES PRODUITS NESTLE S.A., CH  
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[54] **DETECTION DE TONALITES ET DE SIGNAUX PERIODIQUES**  
[72] JIN, GARY QU, CA  
[72] REESOR, GORDON J., CA  
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[51] **Int.Cl. 6G06K 7/10**  
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[54] **OMNIDIRECTIONAL BARCODE LOCATOR**  
[54] **DISPOSITIF OMNIDIRECTIONNEL DE LOCALISATION D'UN CODE A BARRES**  
[72] SKINGER, Gregory Philip, US  
[73] UNITED PARCEL SERVICE OF AMERICA, INC., US  
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[54] **POWER CONTROL FOR MOBILE WIRELESS COMMUNICATION SYSTEM**  
[54] **REGULATION DE PUISSANCE POUR SYSTEME DE COMMUNICATION MOBILE SANS FIL**  
[72] READER, David Jonathan, GB  
[72] CAO, Qiang, GB  
[72] FREIBERG, Lorenz, GB  
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[54] **DISPOSITIF DE PROTECTION POUR LIGNE D'ARBRE**  
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[22] 1998-10-07  
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[13] C

[51] **Int.Cl. 6G05B 19/425**  
[25] EN  
[54] **OFF-LINE TEACHING METHOD AND APPARATUS**  
[54] **METHODE ET APPAREIL D'ENSEIGNEMENT HORS LIGNE**  
[72] KANEKO, Masakatsu, JP  
[72] AOKI, Shinji, JP  
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[22] 1998-10-06  
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[13] C

[51] **Int.Cl. 6A61K 7/075**  
[25] EN  
[54] **CONDITIONING SHAMPOO COMPOSITIONS CONTAINING SELECT HAIR CONDITIONING ESTERS**  
[54] **COMPOSITIONS POUR SHAMPOOING TRAITANT CONTENANT DES ESTERS SELECTIONNES POUR LA MISE EN FORME DU CHEVEU**  
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[72] COFFINDAFFER, Timothy Woodrow, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
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[54] BOITIER CIRCULAIRE DE GUIDE D'ONDES A RUBANS INCORPORANT UN AMPLIFICATEUR A FAIBLE NIVEAU DE BRUIT  
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[72] HALLIDAY, John J., US  
[73] RAYTHEON COMPANY, US  
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[13] C

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[72] MALHOTRA, Kiran, US  
[73] PLYMOUTH RUBBER COMPANY, US  
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[13] C

[51] Int.Cl. 6F16L 55/38 6H04N 7/18  
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[51] Int.Cl. 6H01S 3/10 6H01S 3/105  
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[54] SOURCE DE LUMIERE LASER A LONGUEUR D'ONDE VARIABLE  
[72] FUNAKAWA, Seiji, JP  
[73] ANDO ELECTRIC CO., LTD., JP  
[22] 1998-11-25  
[30] JP (9-329344) 1997-11-28

[11] 2,256,617  
[13] C

[51] Int.Cl. 6H04N 7/169 6H04N 9/77  
[25] EN  
[54] METHOD AND APPARATUS FOR MINIMIZING CHROMA SUBCARRIER INSTABILITY CAUSED BY A VIDEO LINE SCRAMBLING SYSTEM  
[54] PROCEDE ET SYSTEME UTILISES POUR MINIMISER L'INSTABILITE DE LA SOUS-PORTEUSE DE CHROMINANCE DUE A UN SYSTEME DE BROUILLAGE DE CANAL VIDEO  
[72] QUAN, Ronald, US  
[73] MACROVISION CORPORATION, US  
[85] 1998-11-25  
[86] 1997-06-17 (PCT/US1997/010487)  
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[30] US (60/011,584) 1996-06-17

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[25] EN  
[54] MEMBERS HAVING A MULTIAXIALY ORIENTED COATING OF THERMOTROPIC LIQUID CRYSTALLINE POLYMER AND METHODS AND APPARATUS FOR PRODUCING SUCH MEMBERS  
[54] ELEMENTS MUNIS D'UN REVETEMENT A ORIENTATION MULTIAXIALE CONSTITUE DE POLYMERE A CRISTAUX LIQUIDES THERMOTROPIQUES ET PROCEDES ET APPAREILS DE FABRICATION DE CES ELEMENTS  
[72] RUBIN, Leslie S., US  
[72] LUSIGNEA, Richard W., US  
[73] FOSTER-MILLER, INC., US  
[85] 1998-12-24  
[86] 1997-01-24 (PCT/US1997/001205)  
[87] (WO1997/027038)  
[30] US (08/590,565) 1996-01-26

[11] 2,260,552  
[13] C

[51] Int.Cl. 6B27M 3/08 6B27M 3/00 6E06B 9/386  
[25] EN  
[54] METHOD OF FABRICATING BAMBOO SLATS FOR VENETIAN BLINDS  
[54] METHODE DE FABRICATION DE LAMELLES DE BAMBOU POUR STORES VENITIENS  
[72] CHEN, Feng-Yuan, TW  
[73] CHEN, Feng-Yuan, TW  
[22] 1999-01-28

[11] 2,263,065  
[13] C

[51] Int.Cl. 6G02B 5/18 6G02B 6/42  
[25] EN  
[54] GRATING ELEMENT, LIGHT WAVELENGTH SELECTION UTILIZING THE SAME, AND OPTICAL SIGNAL TRANSMITTING SYSTEM  
[54] ELEMENT GRILLE DE DIFFRACTION, SELECTION DES LONGUEURS D'ONDES LUMINEUSES AU MOYEN DE CET ELEMENT, ET SYSTEME DE TRANSMISSION DE SIGNAUX OPTIQUES  
[72] IKUSHIMA, Akira, JP  
[72] FUJIWARA, Takumi, JP  
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
[73] TOYOTA SCHOOL FOUNDATION, JP  
[85] 1999-02-08  
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[87] (WO1998/007064)  
[30] JP (8/212323) 1996-08-12  
[30] JP (8/244966) 1996-09-17

[11] 2,263,233  
[13] C

[51] Int.Cl. 6B03C 3/16 6B03C 3/016  
[25] EN  
[54] BARRIER DISCHARGE CONVERSION OF SO2 AND NOX TO ACIDS  
[54] CONVERSION DE SO2 ET NOX EN ACIDES AU MOYEN D'UNE DECHARGE PAR EFFET DE BARRIERE  
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[72] NEISTER, S. Edward, US  
[72] MCLARNON, Christopher R., US  
[73] POWERSPAN CORP., US  
[85] 1999-02-15  
[86] 1997-10-09 (PCT/US1997/018263)  
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[54] **CURRENT MODULATION MOTOR CONTROLLER**  
[54] **BLOC DE COMMANDE DE MOTEUR A MODULATION DE COURANT**  
[72] KEMP, William Harry, CA  
[72] SHIDELER, Victor Joseph, CA  
[73] SEQUENCE CONTROLS INC., CA  
[22] 1999-03-26

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[13] C

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[25] EN  
[54] **PROCESS FOR DISAGGREGATING WASTE MATERIALS WHICH CONTAIN AT LEAST PARTIALLY REUSABLE ELEMENTS**  
[54] **PROCEDE DE DESAGREGATION DE DECHETS QUI CONTIENNENT DES ELEMENTS AU MOINS EN PARTIE REUTILISABLES**  
[72] BENDER, Martin, DE  
[72] LANGEN, Michael, DE  
[72] CHRISTIANI, Joachim, DE  
[72] HOBERG, Heinz, DE  
[73] DER GRUNE PUNKT - DUALES SYSTEM DEUTSCHLAND AKTIENGESELLSCHAFT, DE  
[85] 1999-03-26  
[86] 1997-10-24 (PCT/EP1997/005896)  
[87] (WO1998/018607)  
[30] DE (196 44 437.3) 1996-10-25

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[11] **2,267,796**  
[13] C

[51] **Int.Cl. 6A45B 3/00**  
[25] EN  
[54] **UNIVERSAL PLATFORM SUPPORT FOR A WALKER**  
[54] **SUPPORT DE PLATE-FORME UNIVERSEL POUR DEAMBULATEUR**  
[72] OBITTS, Shane, US  
[73] INVACARE CORPORATION, US  
[85] 1999-04-06  
[86] 1998-04-15 (PCT/US1998/007612)  
[87] (WO1998/046101)  
[30] US (60/043,601) 1997-04-15

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[11] **2,270,519**  
[13] C

[51] **Int.Cl. 6C02F 1/28**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PURIFICATION OF POTABLE WATER**  
[54] **METHODE ET APPAREIL POUR LA PURIFICATION DE L'EAU POTABLE**  
[72] TODORSKI, ZENON, CA  
[73] TODORSKI, ZENON, CA  
[22] 1999-05-12

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[11] **2,270,890**  
[13] C

[51] **Int.Cl. 6H04J 3/14**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MEASUREMENT OF PEAK THROUGHPUT IN PACKETIZED DATA NETWORKS**  
[54] **PROCEDE ET DISPOSITIF DE MESURE DE LA CAPACITE MAXIMALE DE RESEAUX DE TRANSMISSION DE DONNEES EN PAQUETS**  
[72] ENNIS, James D., Jr., US  
[72] TUCKER, Matthew A., US  
[72] NORBERG, Robert J., US  
[72] TROUTMAN, Robert, US  
[72] HASSELKUS, John E., US  
[73] VISUAL NETWORKS, INC., US  
[85] 1999-05-06  
[86] 1997-11-12 (PCT/US1997/019973)  
[87] (WO1998/021845)  
[30] US (746,416) 1996-11-12

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[11] **2,270,969**  
[13] C

[51] **Int.Cl. 6G06F 3/00 6G06F 15/163**  
[25] EN  
[54] **SYSTEM FOR INTEGRATING AN ON-LINE SERVICE COMMUNITY WITH A FOREIGN SERVICE**  
[54] **SYSTEME PERMETTANT D'INTEGRER UN SERVICE ETRANGER DANS UNE COMMUNAUTE UTILISANT UN SERVICE EN LIGNE**  
[72] MACNAUGHTON, Bruce A., US  
[72] TURNER, Leigh R., US  
[73] AMERICA ONLINE, INC., US  
[85] 1999-05-05  
[86] 1997-11-07 (PCT/US1997/020597)  
[87] (WO1998/020410)  
[30] US (08/745,294) 1996-11-08

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[11] **2,271,463**  
[13] C

[51] **Int.Cl. 6G11B 20/10**  
[25] EN  
[54] **SOUND PROCESSING METHOD, SOUND PROCESSOR, AND RECORDING/REPRODUCTION DEVICE**  
[54] **PROCEDE DE TRAITEMENT DE SONS, PROCESSEUR DE SONS, ET DISPOSITIF D'ENREGISTREMENT/DE REPRODUCTION**  
[72] IMAI, Atsushi, JP  
[72] SEIYAMA, Nobumasa, JP  
[72] TAKAGI, Tohru, JP  
[73] NIPPON HOSO KYOKAI, JP  
[85] 1999-05-11  
[86] 1998-09-01 (PCT/JP1998/003889)  
[87] (WO1999/014751)  
[30] JP (9/249220) 1997-09-12

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[11] **2,274,162**  
[13] C

[51] **Int.Cl. 6G03G 15/095**  
[25] EN  
[54] **REPRODUCTION MACHINE INCLUDING A DEVELOPER MATERIAL CARTRIDGE HAVING A LABEL ASSEMBLY REUSEABLE AS A SEALING DEVICE**  
[54] **MACHINE DE REPRODUCTION COMPRENANT UNE CARTOUCHE DE REVELATEUR DOTEES D'UN ASSEMBLAGE D'ETIQUETAGE POUVANT ETRE REUTILISE EN TANT QUE DISPOSITIF D'ETANCHEITE**  
[72] WEGMAN, Paul M., US  
[72] HUSS, Timothy L., US  
[73] XEROX CORPORATION, US  
[22] 1999-06-10  
[30] US (09/124,788) 1998-07-30

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[11] **2,280,648**  
[13] C

[51] **Int.Cl. 6E01F 13/00**  
[25] EN  
[54] **APPARATUS FOR TRANSLOCATING LANE DIVIDER**  
[54] **APPAREIL POUR DEPLACER UN SEPARATEUR**  
[72] DOUBERLY, MARSHALL L., US  
[72] SCHINDLER, ROBERT J., US  
[73] QWICK KURB, INC., US  
[22] 1999-08-25  
[30] US (60/097,920) 1998-08-25

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[11] 2,285,283  
[13] C

[51] **Int.Cl. 6H04J 14/02**  
[25] EN  
[54] **N X M OPTICAL WAVELENGTH ROUTING SWITCH**  
[54] **SELECTEUR D'ACHEMINEMENT A LONGUEUR D'ONDE OPTIQUE N X M**  
[72] LIU, JIAN-YU, US  
[72] WU, KUANG-YI, US  
[73] CHORUM TECHNOLOGIES, INC., US  
[85] 1999-10-01  
[86] 1998-04-07 (PCT/US1998/006982)  
[87] (WO1998/047254)  
[30] US (60/043,012) 1997-04-15  
[30] US (09/037,937) 1998-03-10

[11] 2,292,212  
[13] C

[51] **Int.Cl. 7E04B 2/72**  
[25] EN  
[54] **PANEL ATTACHMENT SYSTEM**  
[54] **SYSTEME DE FIXATION DE PANNEAUX**  
[72] KRIEGER, KEVIN, US  
[73] COMMERCIAL AND ARCHITECTURAL PRODUCTS, INC., US  
[22] 1999-12-15  
[30] US (09/220,561) 1998-12-23

[11] 2,295,974  
[13] C

[51] **Int.Cl. 7G11B 27/00 7G11B 27/034**  
[25] EN  
[54] **DEVICE FOR INPUTTING TITLE OF RECORDING MEDIUM**  
[54] **DISPOSITIF PERMETTANT DE SAISIR LE TITRE D'UN SUPPORT D'ENREGISTREMENT**  
[72] SATO, MAKOTO, JP  
[73] KABUSHIKI KAISHA KENWOOD, JP  
[85] 1999-12-30  
[86] 1998-05-20 (PCT/JP1998/002202)  
[87] (WO1999/003103)  
[30] JP (9/196596) 1997-07-06

[11] 2,299,392  
[13] C

[51] **Int.Cl. 7G11B 27/32 7G11B 7/00 7G11B 19/02 7G11B 27/10 7G11B 20/12 7H04N 5/85 7H04N 5/92**  
[25] EN  
[54] **OPTICAL DISK, REPRODUCTION APPARATUS, AND REPRODUCTION METHOD**  
[54] **DISQUE OPTIQUE, DISPOSITIF DE LECTURE ET PROCEDE CORRESPONDANT**  
[72] YAMAUCHI, KAZUHIKO, JP  
[72] KOZUKA, MASAYUKI, JP  
[72] MORI, YOSHIHIRO, JP  
[73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[85] 2000-02-04  
[86] 1998-08-06 (PCT/JP1998/003509)  
[87] (WO1999/008281)  
[30] JP (9/212828) 1997-08-07  
[30] JP (9/212829) 1997-08-07  
[30] JP (9/212830) 1997-08-07

[11] 2,300,650  
[13] C

[51] **Int.Cl. 7H01Q 13/02**  
[25] EN  
[54] **MULTIMODE, MULTI-STEP ANTENNA FEED HORN**  
[54] **CORNET D'ALIMENTATION D'ANTENNE MULTIMODE ET MULTIPAS**  
[72] PEEBLES, ANN L., US  
[72] CHANDLER, CHARLES W., US  
[72] SIMKINS, GEORGE H., US  
[73] TRW INC., US  
[22] 2000-03-14  
[30] US (09/270,952) 1999-03-16

[11] 2,306,927  
[13] C

[51] **Int.Cl. 6A61F 7/02 6A61F 7/00**  
[25] EN  
[54] **PATIENT THERMAL REGULATION SYSTEM**  
[54] **SYSTEME DE REGULATION THERMIQUE D'UN PATIENT**  
[72] BORDERS, RICHARD L., US  
[73] HILL-ROM, INC., US  
[85] 2000-04-12  
[86] 1998-11-06 (PCT/US1998/023692)  
[87] (WO1999/023980)  
[30] US (60/064,709) 1997-11-07

[11] 2,317,932  
[13] C

[51] **Int.Cl. 7B62D 55/104**  
[25] EN  
[54] **APPARATUS AND KIT FOR COUPLING A SNOWMOBILE SUSPENSION**  
[54] **APPAREIL ET NECESSAIRE DE COUPLAGE D'UNE SUSPENSION DE MOTONEIGE**  
[72] BOIVIN, ALAIN, CA  
[72] BOIVIN, DENIS, CA  
[73] BOMBARDIER, INC., CA  
[22] 2000-09-08  
[30] US (60/188,153) 2000-03-09  
[30] US (09/656,163) 2000-09-06

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[21] **2,309,621**  
[13] A1  
[51] **Int.Cl. 7A47G 19/22 7A47K 10/16**  
[25] EN  
[54] **CUP-HOLDER NAPKIN**  
[54] **PORTE-GOBELET ABSORBANT**  
[72] TAYLOR, PAUL A., CA  
[71] TAYLOR, PAUL A., CA  
[22] 2000-06-29  
[43] 2001-12-29

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[21] **2,311,085**  
[13] A1  
[51] **Int.Cl. 7G08B 17/00**  
[25] FR  
[54] **SYSTEME DE SUPPORTS  
REGLABLES MANUEL ET MURAL,  
POUR DETECTEUR DE FUMEE  
RESIDENTIEL A PILE 9 VOLTS  
EXISTANT**  
[54] **MANUAL AND WALL  
ADJUSTABLE SUPPORT SYSTEM FOR  
RESIDENTIAL SMOKE DETECTORS  
WITH EXISTING 9-VOLT BATTERY**  
[72] ARCHAMBAULT, MARCEL, CA  
[71] ARCHAMBAULT, MARCEL, CA  
[22] 2000-06-23  
[43] 2001-12-23

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[21] **2,311,676**  
[13] A1  
[51] **Int.Cl. 7A47K 3/12**  
[25] EN  
[54] **A COMBINATION BATH-BOARD  
AND BATHTUB SEAT**  
[54] **PLANCHE ET SIEGE COMBINES  
POUR BAIGNOIRE**  
[72] HUMBY, GARY, CA  
[71] HUMBY, GARY, CA  
[22] 2000-06-27  
[43] 2001-12-27

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[21] **2,311,677**  
[13] A1  
[51] **Int.Cl. 7A61H 37/00**  
[25] EN  
[54] **DEEP MUSCLE PROBE/  
MASSAGER**  
[54] **SONDE/DISPOSITIF DE MASSAGE  
EN PROFONDEUR POUR LES  
MUSCLES**  
[72] HUMBY, GARY, CA  
[71] HUMBY, GARY, CA  
[22] 2000-06-27  
[43] 2001-12-27

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[21] **2,311,686**  
[13] A1  
[51] **Int.Cl. 7E06B 3/68**  
[25] EN  
[54] **TELESCOPIC HASP WINDOW  
LOCK**  
[54] **VERROU DE FENETRE A  
MORAILLON COULISSANT**  
[72] XIANG, MING, CA  
[72] LU, SHAN, CA  
[72] CHEN, CHANG SHUN, CA  
[71] XIANG, MING, CA  
[71] LU, SHAN, CA  
[71] CHEN, CHANG SHUN, CN  
[22] 2000-06-23  
[43] 2001-12-23

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[21] **2,311,699**  
[13] A1  
[51] **Int.Cl. 7H04M 1/17**  
[25] EN  
[54] **SANI-TEL**  
[54] **FILTRE " SANI-TEL"**  
[72] BOISVENU, CARLOMAN, CA  
[71] BOISVENU, CARLOMAN, CA  
[22] 2000-06-27  
[43] 2001-12-27

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[21] **2,311,701**  
[13] A1  
[51] **Int.Cl. 7A01F 25/00 7G01N 1/00**  
[25] EN  
[54] **BINBUDDY GRAIN BIN  
INVENTORY SYSTEM**  
[54] **SYSTEME BINBUDDY DE  
CELLULES DE STOCKAGE DU GRAIN**  
[72] YAGOS, DANIEL M., CA  
[71] YAGOS, DANIEL M., CA  
[22] 2000-06-29  
[43] 2001-12-29

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[21] **2,311,879**  
[13] A1  
[51] **Int.Cl. 7G07F 5/08 7B62B 5/00 7G07F  
17/00**  
[25] EN  
[54] **MULTI-COIN-OPERATED  
SHOPPING CART**  
[54] **CHARIOT DE MARCHE A PIECES  
DE MONNAIE DIVERSES**  
[72] BARDHAN, BIBHUTI BHUSAN, CA  
[72] BARDHAN, BARI BARON BIBBY,  
CA  
[71] BARDHAN, BIBHUTI BHUSAN, CA  
[71] BARDHAN, BARI BARON BIBBY,  
CA  
[22] 2000-06-27  
[43] 2001-12-27

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[21] **2,311,986**  
[13] A1  
[51] **Int.Cl. 7B63B 21/04**  
[25] EN  
[54] **THE KENOGAMI KNOT**  
[54] **NOEUD KENOGAMI**  
[72] BINKLEY, ROBERT C.C., CA  
[71] BINKLEY, ROBERT C.C., CA  
[22] 2000-06-27  
[43] 2001-12-27

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[21] **2,311,987**  
[13] A1

[51] **Int.Cl. 7B29C 71/04 7C22F 3/00**  
[25] EN  
[54] **CORONA TREATMENT GENERATOR SCN-01**  
[54] **GENERATEUR DE TRAITEMENT PAR EFFET DE COURONNE SCN-01**  
[72] ANCA, MICHAEL, CA  
[72] NIE, XIAOJUN, CA  
[71] SIGNET INDUSTRIAL AUTOMATIONS INC., CA  
[22] 2000-06-27  
[43] 2001-12-27

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[21] **2,312,020**  
[13] A1

[51] **Int.Cl. 7B60C 27/02**  
[25] EN  
[54] **DABSHI**  
[54] **DISPOSITIF " DABSHI "**  
[72] GHALEB, JOHN, CA  
[71] GHALEB, JOHN, CA  
[22] 2000-06-27  
[43] 2001-12-27

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[21] **2,312,041**  
[13] A1

[51] **Int.Cl. 7G09F 19/00 7B66B 31/02 7G09F 19/02 7B66B 23/24**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ESCALATOR HAND RAIL MESSAGING**  
[54] **METHODE ET APPAREIL DE MESSAGERIE PAR MAIN COURANTE D'ESCALIER MECANIQUE**  
[72] HERZOG, ROLAND, CA  
[71] HERZOG, ROLAND, CA  
[22] 2000-06-27  
[43] 2001-12-27

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[21] **2,312,109**  
[13] A1

[51] **Int.Cl. 7A61K 38/43 7A61K 48/00 7A61P 19/00 7A61P 29/00 7A61K 38/16**  
[25] EN  
[54] **USE OF FURIN AND FURIN-LIKE PROTEASE INHIBITORS IN THE TREATMENT OF INFLAMMATORY OR MATRIX REMODELLING DISEASES**  
[54] **UTILISATION D'INHIBITEURS DE LA FURINE ET D'AUTRES PROTEASES DE TYPE FURINE POUR TRAITER LES MALADIES INFLAMMATOIRES OU ENTRAINANT LE REMODELAGE DE LA MATRICE**  
[72] DUBOIS, CLAIRE, CA  
[71] UNIVERSITE DE SHERBROOKE, CA  
[22] 2000-06-23  
[43] 2001-12-23

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[21] **2,312,113**  
[13] A1

[51] **Int.Cl. 7F28F 3/00**  
[25] EN  
[54] **HEAT EXCHANGER WITH PARALLEL FLOWING FLUIDS**  
[54] **ECHANGEUR DE CHALEUR A LIQUIDES A ECOULEMENT EN PARALLELE**  
[72] CHEADLE, BRIAN EDWARD, CA  
[71] LONG MANUFACTURING LTD., CA  
[22] 2000-06-23  
[43] 2001-12-23

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[21] **2,312,122**  
[13] A1

[51] **Int.Cl. 7F16K 31/126 7F17C 13/04 7F16K 31/08**  
[25] EN  
[54] **GAS FLOW REGULATION SYSTEM**  
[54] **REGULATEUR D'ECOULEMENT GAZEUX**  
[72] GIROUARD, ERICK, CA  
[71] GFI CONTROL SYSTEMS INC., CA  
[22] 2000-06-23  
[43] 2001-12-23

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[21] **2,312,175**  
[13] A1

[51] **Int.Cl. 7F25B 30/02**  
[25] EN  
[54] **IMPROVED AIR-TO-AIR HEAT PUMP**  
[54] **POMPE A CHALEUR AIR-AIR AMELIOREE**  
[72] GRENIER, JOSEPH ANTOINE MICHEL, CA  
[71] GRENIER, JOSEPH ANTOINE MICHEL, CA  
[22] 2000-06-23  
[43] 2001-12-23

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[21] **2,312,186**  
[13] A1

[51] **Int.Cl. 7F16K 31/08**  
[25] EN  
[54] **CRASHPROOF INSTANT-ON TANK VALVE**  
[54] **VANNE DE RESERVOIR RESISTANT INSTANTANEMENT A L'ECRASEMENT**  
[72] GIROUARD, ERICK, CA  
[71] GFI CONTROL SYSTEMS INC., CA  
[22] 2000-06-23  
[43] 2001-12-23

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[21] **2,312,193**  
[13] A1

[51] **Int.Cl. 7G06F 17/60 7H04L 12/16 7G06F 17/30**  
[25] EN  
[54] **SYSTEM AND METHOD FOR REMOTE INVENTORY MANAGEMENT**  
[54] **SYSTEME ET METHODE DE TELEGESTION D'INVENTAIRE**  
[72] NORRIE, ROSS, CA  
[72] O'HALLORAN, STEVE, CA  
[71] ASSETMETRIX, INC., CA  
[22] 2000-06-23  
[43] 2001-12-23

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[21] **2,312,237**  
[13] A1

[51] **Int.Cl. 7F16K 31/126**  
[25] EN  
[54] **PRESSURE REGULATOR**  
[54] **DETENDEUR**  
[72] GIROUARD, ERICK, CA  
[71] GFI CONTROL SYSTEMS INC., CA  
[22] 2000-06-23  
[43] 2001-12-23

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[21] **2,312,257**  
[13] A1

[51] **Int.Cl. 7F23G 7/08 7F23G 7/00 7F23D 5/02 7F23D 14/04**  
[25] EN  
[54] **HYDROCARBON COMBUSTOR**  
[54] **CHAMBRE DE COMBUSTION D'HYDROCARBURES**  
[72] JORDAN, ALBERT L., US  
[71] J.W. WILLIAMS INC., US  
[22] 2000-06-23  
[43] 2001-12-23

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[21] **2,312,259**  
[13] A1

[51] **Int.Cl. 7H01M 8/04 7G01N 33/22**  
[25] EN  
[54] **FUEL CELL GAS SENSORS**  
[54] **DETECTEURS DE GAZ DE PILES A COMBUSTIBLE**  
[72] ULKEM, ILHAN, CA  
[71] ULKEM, ILHAN, CA  
[22] 2000-06-23  
[43] 2001-12-23

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[21] **2,312,261**  
[13] A1

[51] **Int.Cl. 7B60P 1/48 7B60P 1/04 7B60P 1/30**  
[25] EN  
[54] **QUICK-LOADING CONTAINER FOR TRUCKS**  
[54] **CONTENEUR A CHARGEMENT RAPIDE POUR CAMIONS**  
[72] OSBORNE, GARRY ALBERT, CA  
[72] SMITH, RONALD JAMES, CA  
[72] EPWORTH, LARRY NORMAN, CA  
[72] SMITH, INGRID OLGA, CA  
[71] EPWORTH, LARRY NORMAN, CA  
[71] OSBORNE, GARRY ALBERT, CA  
[71] SMITH, RONALD JAMES, CA  
[71] SMITH, INGRID OLGA, CA  
[22] 2000-06-23  
[43] 2001-12-23

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[21] **2,312,275**  
[13] A1

[51] **Int.Cl. 7G07D 11/00 7G07F 19/00**  
[25] EN  
[54] **CURRENCY RECEIVING DEVICE AND METHOD**  
[54] **DISPOSITIF ET METHODE DE PERCEPTION D'ESPECES**  
[72] SIEMENS, JOHN, CA  
[71] NAMSYS INC., CA  
[22] 2000-06-23  
[43] 2001-12-23

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[21] **2,312,279**  
[13] A1

[51] **Int.Cl. 7B21B 1/26**  
[25] EN  
[54] **METHOD FOR SETTING OPERATING CONDITIONS FOR CONTINUOUS HOT ROLLING FACILITIES**  
[54] **METHODE D'ETABLISSEMENT DES CONDITIONS DE FONCTIONNEMENT D'INSTALLATIONS DE LAMINAGE A CHAUD EN CONTINU**  
[72] TAKEMOTO, SHIGEO, JP  
[72] KITAJIMA, HIROAKI, JP  
[71] KAWASAKI STEEL CORPORATION, JP  
[22] 2000-06-23  
[43] 2001-12-23

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[21] **2,312,280**  
[13] A1

[51] **Int.Cl. 7A47G 23/03 7A47L 25/00 7A47G 19/22**  
[25] EN  
[54] **CUP NAPKIN**  
[54] **PLAQUETTE ABSORBANTE POUR CONTENANT A BOISSON**  
[72] TAYLOR, PAUL A., CA  
[71] TAYLOR, PAUL A., CA  
[22] 2000-06-29  
[43] 2001-12-29

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[21] **2,312,282**  
[13] A1

[51] **Int.Cl. 7F25D 3/08**  
[25] EN  
[54] **PORTABLE AIR-COOLING SYSTEM**  
[54] **APPAREILLAGE PORTATIF DE REFROIDISSEMENT D'AIR**  
[72] CHAN, STEPHEN, CA  
[71] CHAN, STEPHEN, CA  
[22] 2000-06-23  
[43] 2001-12-23

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[21] **2,312,399**  
[13] A1

[51] **Int.Cl. 7B65D 30/10**  
[25] EN  
[54] **DOGGY BAG**  
[54] **SAC POUR LES RESTES DE NOURRITURE**  
[72] ELLIS, DIANNE, CA  
[71] ELLIS, DIANNE, CA  
[22] 2000-07-04  
[43] 2001-12-27  
[30] CA (UNKNOWN) 2000-06-27

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[21] **2,312,497**  
[13] A1

[51] **Int.Cl. 7F16K 31/44**  
[25] EN  
[54] **PUSHBUTTON CONTROLLED VALVE**  
[54] **SOUPAPE A POUSSOIR**  
[72] WANG, TZU-MENG, TW  
[71] WANG, TZU-MENG, TW  
[22] 2000-06-26  
[43] 2001-12-26

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[21] **2,312,503**  
[13] A1

[51] **Int.Cl. 7H02G 1/08 7B65H 51/04 7B65H 51/16 7H02G 3/38**  
[25] EN  
[54] **PORTABLE APPARATUS FOR LAYING A CABLE INSIDE A CONDUIT**  
[54] **DISPOSITIF PORTATIF DE POSE DE CABLE DANS UN CONDUIT**  
[72] LE GOFF, GERARD, FR  
[72] LECOQ, DANIEL, FR  
[72] WACINSKI, ANDRZEJ, CH  
[72] PECOT, ALAIN, FR  
[71] PLUMETTAZ S.A., CH  
[22] 2000-06-27  
[43] 2001-12-27

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[21] **2,312,505**  
[13] A1

[51] **Int.Cl. 7A61K 31/05 7A61P 31/00 7A61K 7/16**  
[25] EN  
[54] **RESVERATROL COMPOSITIONS FOR TOPICAL USE IN THE TREATMENT OF ORAL DISEASES AND INFECTIONS**  
[54] **COMPOSITIONS DE RESVERATROL POUR USAGE TOPIQUE LORS DU TRAITEMENT DE MALADIES ET D'INFECTIONS BUCCALES**  
[72] CASPER, ROBERT, CA  
[72] TENENBAUM, HOWARD, CA  
[71] 1333366 ONTARIO INC., CA  
[22] 2000-06-27  
[43] 2001-12-27

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**Canadian Laid-Open Applications**  
**December 23, 2001 - December 29, 2001**

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[21] **2,312,509**  
[13] A1

[51] **Int.Cl. 7G01R 31/08 7G01R 19/00**  
[25] EN  
[54] **OPEN CABLE LOCATING FOR SHEATHED CABLES**  
[54] **LOCALISATION DE RUPTURE DE CABLES ELECTRIQUES GAINES**  
[72] VOKEY, DAVID E., US  
[72] AMINOT, GILLES, CA  
[71] NORSCAN INSTRUMENTS LTD., CA  
[22] 2000-06-27  
[43] 2001-12-27

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[21] **2,312,516**  
[13] A1

[51] **Int.Cl. 7H04B 10/14**  
[25] EN  
[54] **INFRARED TRANSCEIVER WITH ISOLATED ANALOG OUTPUT**  
[54] **EMETTEUR-RECEPTEUR A INFRAROUGE AVEC SORTIE ANALOGIQUE ISOLEE**  
[72] FENG, KAI D., US  
[71] IBM CANADA LIMITED-IBM CANADA LIMITEE, CA  
[22] 2000-06-27  
[43] 2001-12-27

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[21] **2,312,517**  
[13] A1

[51] **Int.Cl. 7H01S 5/14**  
[25] FR  
[54] **SOURCE LASER A CAVITE EXTERNE ACCORDABLE EN LONGUEUR D'ONDE**  
[54] **WAVELENGTH TUNABLE EXTERNAL CAVITY LASER SOURCE**  
[72] LEFEVRE, HERVE, FR  
[71] PHOTONETICS, FR  
[22] 2000-06-23  
[43] 2001-12-23

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[21] **2,312,527**  
[13] A1

[51] **Int.Cl. 7E01C 9/08 7E01C 5/20**  
[25] EN  
[54] **APPARATUS FOR ROADWAYS, AND THE LIKE**  
[54] **DISPOSITIF POUR CHAUSSEES ET SURFACES SEMBLABLES**  
[72] KNAFELC, LLOYD, CA  
[72] KNAFELC, KEITH, CA  
[71] KNAFELC, LLOYD, CA  
[71] KNAFELC, KEITH, CA  
[22] 2000-06-27  
[43] 2001-12-27

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[21] **2,312,540**  
[13] A1

[51] **Int.Cl. 7H04L 12/24**  
[25] EN  
[54] **NETWORK ADDRESS NAME RESOLUTION SERVER**  
[54] **SERVEUR DE RESOLUTION DE NOM D'ADRESSE RESEAU**  
[72] LEUNG, DAVID, CA  
[72] CHUNG, EDMON, CA  
[72] LAM, JIMMY, CA  
[71] NETEKA INC., CA  
[22] 2000-06-27  
[43] 2001-12-27

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[21] **2,312,542**  
[13] A1

[51] **Int.Cl. 7G08B 13/24**  
[25] EN  
[54] **INTRUDER/ESCAPEE DETECTION SYSTEM AND METHOD USING A DISTRIBUTED ANTENNA AND AN ARRAY OF DISCRETE ANTENNAS**  
[54] **SYSTEME ET METHODE DE DETECTION D'INTRUSION/EVASION FAISANT APPEL A UNE ANTENNE REPARTIE ET A UN RESEAU D'ANTENNES DISCRETES**  
[72] GAGNON, ANDRE, CA  
[71] GAGNON, ANDRE, CA  
[22] 2000-06-27  
[43] 2001-12-27

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[21] **2,312,544**  
[13] A1

[51] **Int.Cl. 7G06F 19/00 7G06F 17/30 7G06F 17/60**  
[25] EN  
[54] **PORTABLE HEALTH AND NUTRITION-RELATED INFORMATION DEVICE**  
[54] **DISPOSITIF PORTATIF D'INFORMATION SUR LA SANTE ET L'ALIMENTATION**  
[72] REYNOLDS, WENDI, CA  
[72] FOURNIER, MARC, CA  
[71] REYNOLDS, WENDI, CA  
[71] FOURNIER, MARC, CA  
[22] 2000-06-27  
[43] 2001-12-27

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[21] **2,312,547**  
[13] A1

[51] **Int.Cl. 7B05B 1/00 7A01G 25/00**  
[25] EN  
[54] **PUSHBUTTON CONTROLLED SPRINKLER**  
[54] **ASPERSEUR A BOUTON-POUSSOIR**  
[72] WANG, TZU-MENG, TW  
[71] WANG, TZU-MENG, TW  
[22] 2000-06-27  
[43] 2001-12-27

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[21] **2,312,550**  
[13] A1

[51] **Int.Cl. 7E02F 9/28**  
[25] EN  
[54] **TORQUE LOCKING SYSTEM FOR FASTENING A WEAR MEMBER TO A SUPPORT STRUCTURE**  
[54] **SYSTEME DE VERROUILLAGE DE COUPLE DE SERRAGE POUR LA FIXATION D'UNE PIECE D'USURE SUR UNE STRUCTURE**  
[72] ADAMIC, DWIGHT L., CA  
[72] SMITH, MURRAY, CA  
[71] QUALITY STEEL FOUNDRIES LTD., CA  
[22] 2000-06-27  
[43] 2001-12-27

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[21] **2,312,558**  
[13] A1

[51] **Int.Cl. 7A61L 24/10 7A61K 38/39**  
[25] EN  
[54] **COLLAGEN CONTAINING TISSUE ADHESIVE**  
[54] **ADHESIF TISSULAIRE CONTENANT DU COLLAGENE**  
[72] PETITO, GEORGE D., US  
[71] PETITO, GEORGE D., US  
[22] 2000-06-27  
[43] 2001-12-27

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[21] **2,312,573**  
[13] A1

[51] **Int.Cl. 7F21V 17/08**  
[25] EN  
[54] **CHRISTMAS LAMP**  
[54] **LAMPE DE NOEL**  
[72] HUANG, SHUN-FENG, TW  
[71] HUANG, SHUN-FENG, TW  
[22] 2000-06-27  
[43] 2001-12-27

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**Demandes canadiennes mises à la disponibilité du public**  
**23 decembre 2001 - 29 decembre 2001**

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[21] **2,312,574**  
[13] A1

[51] **Int.Cl. 7A47G 1/16**  
[25] EN  
[54] **MIRROR MOUNTING BRACKETS**  
[54] **FERRURES DE FIXATION DE MIROIR**  
[72] DENNISON, SUSAN D., CA  
[71] DENNISON, SUSAN D., CA  
[22] 2000-06-27  
[43] 2001-12-27

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[21] **2,312,588**  
[13] A1

[51] **Int.Cl. 7B23Q 11/02**  
[25] EN  
[54] **MACHINE TOOL FOR SUCKING CHIPS**  
[54] **MACHINE-OUTIL A ASPIRATION DE COPEAUX**  
[72] SEO, YOSHINORI, JP  
[71] HORKOS CORP., JP  
[22] 2000-06-27  
[43] 2001-12-27

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[21] **2,312,594**  
[13] A1

[51] **Int.Cl. 7F21V 33/00 7A45C 15/06**  
[25] EN  
[54] **LIGHTED CLOTHING ACCESSORIES**  
[54] **ACCESSOIRES VESTIMENTAIRES LUMINEUX**  
[72] LUMLEY, ADELE, CA  
[71] LUMLEY, ADELE, CA  
[22] 2000-06-23  
[43] 2001-12-23

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[21] **2,312,601**  
[13] A1

[51] **Int.Cl. 7H04M 11/06**  
[25] EN  
[54] **AUTOMATED EXCHANGE OF ELECTRONIC INFORMATION**  
[54] **ECHANGE AUTOMATISE D'INFORMATION ELECTRONIQUE**  
[72] WILK, DANIEL, CA  
[72] WINACOTT, RONALD, CA  
[71] SOMA NETWORKS, INC., US  
[22] 2000-06-28  
[43] 2001-12-28

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[21] **2,312,608**  
[13] A1

[51] **Int.Cl. 7G02F 1/21**  
[25] FR  
[54] **REFLECTEUR OPTIQUE ET SOURCE LASER A CAVITE EXTERNE INCORPORANT UN TEL REFLECTEUR**  
[54] **OPTICAL RANGEFINDER REFLECTOR AND EXTERNAL CAVITY LASER SOURCE INCORPORATING SUCH A REFLECTOR**  
[72] LEFEVRE, HERVE, FR  
[71] PHOTONETICS, FR  
[22] 2000-06-23  
[43] 2001-12-23

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[21] **2,312,623**  
[13] A1

[51] **Int.Cl. 7A47L 9/02 7A47L 9/04**  
[25] EN  
[54] **VACUUM CLEANER HEAD**  
[54] **EMBOUT D'ASPIRATEUR**  
[72] HAMILTON, SCOTT, CA  
[72] SZYLOWIEC, TED, CA  
[72] CONRAD, HELMUT GERHARD, CA  
[72] CONRAD, WAYNE, CA  
[71] FANTOM TECHNOLOGIES INC., CA  
[22] 2000-06-27  
[43] 2001-12-27

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[21] **2,312,627**  
[13] A1

[51] **Int.Cl. 7B60R 25/00 7B60R 25/02 7B60N 2/44**  
[25] EN  
[54] **THEFTPROOF SYSTEM FOR AUTOMOBILE**  
[54] **SYSTEME ANTIVOL POUR AUTOMOBILES**  
[72] TU, CHIN-CHUAN, TW  
[71] TU, CHIN-CHUAN, TW  
[22] 2000-06-28  
[43] 2001-12-28

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[21] **2,312,632**  
[13] A1

[51] **Int.Cl. 7F16L 19/06**  
[25] EN  
[54] **SURFACE FINISH FOR A PRESS-FIT PART**  
[54] **FINI DE SURFACE POUR PIECES ASSEMBLEES A LA PRESSE**  
[72] TRATNIK, MICHAEL, CA  
[72] SOREL, DANIEL, CA  
[71] TESMA INTERNATIONAL INC., CA  
[22] 2000-06-28  
[43] 2001-12-28

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[21] **2,312,636**  
[13] A1

[51] **Int.Cl. 7B81C 1/00**  
[25] EN  
[54] **MICROBRIDGE STRUCTURES EQUIPPED WITH SLOPED LEGS AND PRODUCED USING GREY-SCALE MASK TECHNOLOGY**  
[54] **MICROPONTS A PATTES INCLINEES FABRIQUES PARMASQUE D'ECHELLE DE GRIS**  
[72] JEROMINEK, HUBERT, CA  
[71] INSTITUT NATIONAL D'OPTIQUE, CA  
[22] 2000-06-28  
[43] 2001-12-28

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[21] **2,312,637**  
[13] A1

[51] **Int.Cl. 7A22C 29/02 7A23L 1/33**  
[25] EN  
[54] **SUPERCHILLED METHODS FOR THE PROCESSING OF HARD-SHELLED CRUSTACEANS**  
[54] **METHODES DE SURREFROIDISSEMENT POUR LA TRANSFORMATION DE CRUSTACES A CARAPACE DURE**  
[72] ABLETT, RICHARD, CA  
[72] GALLANT, CYRIL G., CA  
[72] HONG, LILY, CA  
[71] ABLETT, RICHARD, CA  
[71] GALLANT, CYRIL G., CA  
[71] HONG, LILY, CA  
[22] 2000-06-28  
[43] 2001-12-28

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[21] **2,312,638**  
[13] A1

[51] **Int.Cl. 7A47B 91/02 7A47B 9/20**  
[25] EN  
[54] **ADJUSTABLE LEG FOR FURNITURE**  
[54] **PATTE REGLABLE POUR MEUBLES**  
[72] LAVOIE, ROBERT, CA  
[71] LAVOIE, ROBERT, CA  
[22] 2000-06-28  
[43] 2001-12-28

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[21] **2,312,644**  
[13] A1  
[51] **Int.Cl. 7A61K 31/216 7A61P 31/12 7A61P 31/18 7A61K 31/192**  
[25] EN  
[54] **PHARMACEUTICAL COMPOSITIONS AND COMBINATIONS FOR THE TREATMENT OR PROPHYLAXIS OF DISORDERS RELATED TO HIV AND RETROVIRUS**  
[54] **COMPOSITIONS ET COMBINAISONS PHARMACEUTIQUES POUR LE TRAITEMENT OU LA PROPHYLAXIE DE TROUBLES ASSOCIES AU VIH ET AU RETROVIRUS**  
[72] YANG, CHI-CHIANG, TW  
[71] TSAI, HSIU-HSIEN, TW  
[71] TSAI, SHIOU-REN, TW  
[71] YANG, CHI-CHIANG, TW  
[22] 2000-06-28  
[43] 2001-12-28

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[21] **2,312,646**  
[13] A1  
[51] **Int.Cl. 7B81C 5/00**  
[25] EN  
[54] **HYBRID MICROPACKAGING OF MICRODEVICES**  
[54] **MICROCONDITIONNEMENT HYBRIDE DE MICRODISPOSITIFS**  
[72] JEROMINEK, HUBERT, CA  
[71] INSTITUT NATIONAL D'OPTIQUE, CA  
[22] 2000-06-28  
[43] 2001-12-28

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[21] **2,312,656**  
[13] A1  
[51] **Int.Cl. 7G06F 17/60**  
[25] FR  
[54] **LOGICIEL DE GESTION EN TEMPS REEL AVEC ALERTE ET TABLEAU DE BORD INTERACTIF**  
[54] **REAL TIME MANAGEMENT SOFTWARE WITH ALARM AND INTERACTIVE DASHBOARD**  
[72] DOYON, DENIS, CA  
[72] MORIN, RAYMOND, CA  
[72] MANNEH, RAOUF, CA  
[71] DOYON, DENIS, CA  
[71] MORIN, RAYMOND, CA  
[71] MANNEH, RAOUF, CA  
[22] 2000-06-27  
[43] 2001-12-27

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[21] **2,312,658**  
[13] A1  
[51] **Int.Cl. 7B44F 9/04**  
[25] FR  
[54] **MONO-ROC, POLY-ROC ET DECO-ROC**  
[54] **MONO-ROC, POLY-ROC AND DECO-ROC**  
[72] MESSIER, NICOLE, CA  
[71] MESSIER, NICOLE, CA  
[22] 2000-06-27  
[43] 2001-12-27

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[21] **2,312,670**  
[13] A1  
[51] **Int.Cl. 7B08B 3/04 7B04B 1/00 7A47L 25/00 7B04B 7/02 7A46B 17/06 7B08B 3/10**  
[25] FR  
[54] **ATELIER DE PEINTURE MULTIFONCTIONNEL**  
[54] **MULTI-PURPOSE PAINT WORKSHOP**  
[72] SEGUIN, JEAN-LUC, CA  
[71] SEGUIN, JEAN-LUC, CA  
[22] 2000-06-28  
[43] 2001-12-28

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[21] **2,312,677**  
[13] A1  
[51] **Int.Cl. 7B67C 9/00 7B67D 5/01 7B65D 25/38**  
[25] EN  
[54] **DRUM BUNG ADAPTER**  
[54] **ADAPTATEUR DE BONDE CIRCULAIRE**  
[72] HANSEN, MARK G., CA  
[71] HANSEN, MARK G., CA  
[22] 2000-06-29  
[43] 2001-12-29

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[21] **2,312,688**  
[13] A1  
[51] **Int.Cl. 7B65F 1/00 7B65D 33/00 7B65D 37/00**  
[25] EN  
[54] **COVER WITH WEIGHTED BASE FOR PROTECTING OBJECTS**  
[54] **HOUSSE A BASE LESTEE POUR LA PROTECTION D'OBJETS**  
[72] GANSKI, KRZYSZTOF, CA  
[71] GANSKI, KRZYSZTOF, CA  
[22] 2000-06-28  
[43] 2001-12-28

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[21] **2,312,693**  
[13] A1  
[51] **Int.Cl. 7B21D 28/28**  
[25] EN  
[54] **TUBE PUNCHING UNIT**  
[54] **OUTIL DE POINCONNAGE DE TUBES**  
[72] WHITE, JOHN WILLIAM, CA  
[71] WHITE, JOHN WILLIAM, CA  
[22] 2000-06-29  
[43] 2001-12-29

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[21] **2,312,694**  
[13] A1  
[51] **Int.Cl. 7E04H 17/16**  
[25] EN  
[54] **PLASTIC PRIVACY FENCE**  
[54] **CLOTURE PRIVATIVE EN PLASTIQUE**  
[72] HIGGINS, LAURIE D., CA  
[72] PETTIT, FREDRICK M., CA  
[71] GSW INC., CA  
[22] 2000-06-29  
[43] 2001-12-29

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[21] **2,312,695**  
[13] A1  
[51] **Int.Cl. 7E04H 17/16**  
[25] EN  
[54] **MOLDED PICKET FENCE SECTION**  
[54] **SECTION DE CLOTURE A MOULEE AVEC PIQUETS**  
[72] PETTIT, FREDRICK M., CA  
[72] HIGGINS, LAURIE D., CA  
[71] GSW INC., CA  
[22] 2000-06-29  
[43] 2001-12-29

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[21] **2,312,864**  
[13] A1  
[51] **Int.Cl. 7H04L 12/24 7H04L 12/66**  
[25] EN  
[54] **APPARATUS FOR MANAGING THE INSTALLATION OF SOFTWARE ACROSS A NETWORK**  
[54] **APPAREIL DE GESTION DE L'INSTALLATION DE LOGICIELS DANS UN RESEAU**  
[72] SALHANY, IAN, CA  
[72] ABU-FARHA, NAJEH, CA  
[72] BASKWILL, GEOFF, CA  
[71] NORTEL NETWORKS LIMITED, CA  
[22] 2000-06-29  
[43] 2001-12-29

**Demandes canadiennes mises à la disponibilité du public**  
**23 decembre 2001 - 29 decembre 2001**

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[21] **2,313,068**  
[13] A1

[51] **Int.Cl. 7A01M 21/04 7A01C 23/00**  
[25] EN  
[54] **WEED WIPER**  
[54] **PROTECTEUR CONTRE LES MAUVAISES HERBES**  
[72] SHELKE, RANDY, CA  
[71] SHELKE, SHARON, CA  
[22] 2000-06-29  
[43] 2001-12-29

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[21] **2,313,087**  
[13] A1

[51] **Int.Cl. 7H04L 29/10 7H04L 12/56**  
[25] EN  
[54] **A BUS INTERFACE FOR CELL AND/OR PACKET DATA TRANSFER**  
[54] **INTERFACE DE BUS POUR TRANSFERTS DE DONNEES PAR CELLULES ET/OU PAR PAQUETS**  
[72] CAM, RICHARD, CA  
[72] LOEWEN, JONATHAN, CA  
[72] MOK, WINSTON, CA  
[71] PMC-SIERRA INC., CA  
[22] 2000-06-29  
[43] 2001-12-29

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[21] **2,313,110**  
[13] A1

[51] **Int.Cl. 7C12N 1/20 7C12S 13/00**  
[25] EN  
[54] **MICROBIOLOGICAL PROCESS AND MICROBIAL PRODUCTS FOR THE BIOREMEDIATION OF SOILS OR WATERS**  
[54] **PROCESSUS MICROBIOLOGIQUE ET PRODUITS MICROBIENS POUR LA BIORESTAURATION DE SOLS OU D'EAUX**  
[72] PRASHER, SHIV O., CA  
[72] LABIDI, MOHAMED, CA  
[72] AHMAD, DARAKHSHAN, CA  
[72] DAMAJ, MONA, US  
[72] MEHMANNVAZ, REZA, CA  
[71] INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE, CA  
[71] MCGILL UNIVERSITY, CA  
[22] 2000-06-29  
[43] 2001-12-29

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[21] **2,313,135**  
[13] A1

[51] **Int.Cl. 7C02F 3/20 7E02B 15/00**  
[25] EN  
[54] **FLOAT SINK HEADER**  
[54] **COLLECTEUR FLOTTANT**  
[72] LEASK, JIM, CA  
[72] HILDEBRAND, MARTIN, CA  
[71] NELSON ENVIRONMENTAL INC., CA  
[22] 2000-06-29  
[43] 2001-12-29

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[21] **2,313,141**  
[13] A1

[51] **Int.Cl. 7A45C 11/00 7A45F 5/00**  
[25] EN  
[54] **BATTERY STABILIZER**  
[54] **STABILISATEUR DE PILE**  
[72] POSTILL, BARRY J., CA  
[71] POSTILL, BARRY J., CA  
[22] 2000-06-29  
[43] 2001-12-29

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[21] **2,313,156**  
[13] A1

[51] **Int.Cl. 7G09F 11/18 7H05B 37/00 7F21V 33/00 7F21S 9/02 7H02J 9/06**  
[25] EN  
[54] **EMERGENCY EXIT LIGHT**  
[54] **DISPOSITIF D'ECLAIRAGE DE SORTIE DE SECOURS**  
[72] LEE, CHI-HWONG, TW  
[71] LEE, CHI-HWONG, TW  
[22] 2000-06-29  
[43] 2001-12-29

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[21] **2,313,165**  
[13] A1

[51] **Int.Cl. 7H04L 29/06 7H04Q 7/24 7H04Q 3/47**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DATA TRANSMISSION IN A WIRELESS NETWORK**  
[54] **METHODE ET APPAREILLAGE DE TRANSMISSION DE DONNEES DANS UN RESEAU SANS FIL**  
[72] KADRI, FAYAZ M., CA  
[71] NORTEL NETWORKS LIMITED, CA  
[22] 2000-06-29  
[43] 2001-12-23  
[30] US (09/602,270) 2000-06-23

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[21] **2,313,179**  
[13] A1

[51] **Int.Cl. 7A62C 39/00**  
[25] EN  
[54] **STAND-BY TANK FOR REMOTE ACCESS FIRE SUPPRESSION**  
[54] **RESERVOIR DE SECOURS POUR L'EXTINCTION D'INCENDIE A DISTANCE**  
[72] ZACHARIAS, GEORGE, CA  
[71] ZACHARIAS, GEORGE, CA  
[22] 2000-06-29  
[43] 2001-12-29

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[21] **2,313,255**  
[13] A1

[51] **Int.Cl. 7B60P 3/22 7E01H 3/02 7E21B 33/13 7B60P 3/16 7B28C 5/42**  
[25] EN  
[54] **MIXING AND PUMPING VEHICLE**  
[54] **VEHICULE MELANGEUR-POMPEUR**  
[72] ROGERS, GARY L., US  
[72] MACKENZIE, ELIZABETH A., CA  
[72] KOHLI, HARJIT S., US  
[72] PESSIN, JEAN-LOUIS, US  
[72] RHEIN-KNUDSEN, ERIK, US  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[22] 2000-07-27  
[43] 2001-12-29  
[30] US (09/607,089) 2000-06-29

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[21] **2,313,257**  
[13] A1

[51] **Int.Cl. 7G06F 12/00 7G06F 13/16 7G09G 5/399**  
[25] EN  
[54] **ACCELERATED GRAPHICS PORT FOR MULTIPLE MEMORY CONTROLLER COMPUTER SYSTEM**  
[54] **PORT GRAPHIQUE ACCELERE POUR SYSTEME INFORMATIQUE A CONTROLEURS DE MEMOIRE MULTIPLES**  
[72] JEDDELOH, JOSEPH, US  
[71] MICRON TECHNOLOGY, INC., US  
[22] 2000-06-29  
[43] 2001-12-29

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**Canadian Laid-Open Applications  
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[21] **2,313,262**  
[13] A1

[51] **Int.Cl. 7G06F 17/60 7H04L 12/16 7G06F 17/30**  
[25] EN  
[54] **FORTUNE-TELLING ORIENTED NETWORK MARKETING SYSTEM AND METHOD**  
[54] **SYSTEME ET METHODE DE MARKETING DE SERVICES DE DISEUR DE BONNE AVENTURE INFORMATISE**  
[72] CHEN, CHIH-MIN, TW  
[71] PCYI NETWORK CORPORATION, TW  
[22] 2000-06-29  
[43] 2001-12-29

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[21] **2,313,310**  
[13] A1

[51] **Int.Cl. 7C12N 5/04 7A01H 5/00 7C12N 15/10 7C12N 15/82 7C12N 15/87**  
[25] EN  
[54] **IRIS TRANSFORMATION METHOD**  
[54] **METHODE DE TRANSFORMATION DES IRIS**  
[72] JEKNIC, ZORAN, US  
[72] CHEN, TONY H.H., US  
[72] ERNST, RICHARD C., US  
[71] THE STATE OF OREGON ACTING BY AND THROUGH THE STATE BOARD OF HIGHER EDUCATION ON BEHALF OF OREGON STATE UNIVERSITY, US  
[71] COOLEY'S GARDENS, INC., US  
[22] 2000-06-30  
[43] 2001-12-29  
[30] US (09/607,102) 2000-06-29

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[21] **2,314,765**  
[13] A1

[51] **Int.Cl. 7A47B 81/06 7A47B 97/00**  
[25] EN  
[54] **SUPPORT FOR HOLDING AN ARTICLE OR ARTICLES ON TOP OF A TELEVISION RECEIVER**  
[54] **SUPPORT SERVANT A MAINTENIR UN OU PLUSIEURS ARTICLES SUR LE DESSUS D'UN TELEVISEUR**  
[72] NEIL, GEORGE ALBERT, CA  
[71] NEIL, GEORGE ALBERT, CA  
[22] 2000-06-28  
[43] 2001-12-28

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[21] **2,317,769**  
[13] A1

[51] **Int.Cl. 7A61K 9/16 7B01J 2/00 7A61K 45/06**  
[25] EN  
[54] **SUSTAINED RELEASE MICROPARTICLE AND METHOD FOR PREPARING THE SAME**  
[54] **MICROPARTICULE A LIBERATION PROLONGEE ET METHODE DE PREPARATION DUDIT PRODUIT**  
[72] JEE, UNG KIL, KR  
[72] LIM, IL HO, KR  
[72] MYUNG, PYUNG KEUN, KR  
[72] PARK, MORK SOON, KR  
[72] PARK, JIN KYU, KR  
[72] JUNG, GOO YOUNG, KR  
[72] KIM, DONG SEON, KR  
[72] KIM, SANG BEOM, KR  
[71] DONG KOOK PHARMACEUTICAL CO., LTD., KR  
[22] 2000-09-06  
[43] 2001-12-28  
[30] KR (2000-36178) 2000-06-28

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[21] **2,317,866**  
[13] A1

[51] **Int.Cl. 7G06F 17/60 7H04L 12/16**  
[25] EN  
[54] **A NETWORKED ARRANGEMENT INCLUDING AN ELECTRONIC APPARATUS MADE AVAILABLE IN CINEMAS AND/OR MOVIE THEATRES FOR ENABLING PATRONS OF CINEMAS AND/OR MOVIE THEATRES TO PURCHASE AND ARRANGE DELIVERY OF PRODUCTS (E.G. SOUND TRACKS, VIDEOS, ETC.) AND/OR SERVICES THAT RELATE TO AN ENTERTAINMENT PRESENTATION (S) (E.G. MOVIE, THEATRICAL PRESENTATION, ETC.)**  
[54] **SYSTEME RESEAUTE COMPRENANT UN APPAREIL ELECTRONIQUE MIS A LA DISPOSITION DES CINEMAS ET/OU SALLES DE CINEMA POUR PERMETTRE AUX CLIENTS DES CINEMAS ET/OU SALLES DE CINEMA D'ACHETER DES PRODUITS (BANDES SONORES, VIDEOS, ETC.) ET/OU DES SERVICES AYANT TRAIT A UNE OU PLUSIEURS PRESENTATIONS DE DIVERTISSEMENT (FILM, PRESENTATION DE THEATRE, ETC.) ET D'EN REGLER**  
[72] BARRETT, BRAD C., CA  
[72] VASILAKOS, JOHN ANDREW, CA  
[71] BARRETT, BRAD C., CA  
[71] VASILAKOS, JOHN ANDREW, CA  
[22] 2000-06-29  
[43] 2001-12-29

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[21] **2,324,122**  
[13] A1

[51] **Int.Cl. 7B62B 3/00 7B62B 5/00**  
[25] EN  
[54] **WHEELBARROW CONVERSION KIT**  
[54] **TROUSSE DE CONVERSION DE BROUETTE**  
[72] MCCUTCHAN, SCOTT M., US  
[71] MCCUTCHAN, SCOTT M., US  
[22] 2000-10-24  
[43] 2001-12-23  
[30] US (09/603,728) 2000-06-23

**Demandes canadiennes mises à la disponibilité du public**  
**23 decembre 2001 - 29 decembre 2001**

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[21] **2,325,246**  
[13] A1

[51] **Int.Cl. 7A23N 15/00 7A23N 7/00 7A47J 17/02**  
[25] EN  
[54] **MANUALLY-OPERATED GARLIC GRATER**  
[54] **RAPE A AIL MANUELLE**  
[72] TARDIF, PIERRE, CA  
[72] BIGELOW, GEORGE SR., HK  
[72] BIGELOW, GEORGE JR., HK  
[71] DESIGN PIERRE TARDIF INC., CA  
[71] LES ENTREPRISES YVAN LAPORTE INC., CA  
[22] 2000-11-06  
[43] 2001-12-26  
[30] US (09/603,553) 2000-06-26

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[21] **2,328,016**  
[13] A1

[51] **Int.Cl. 7A62D 3/00**  
[25] EN  
[54] **FORMULATIONS FOR NEUTRALIZATION OF CHEMICAL AND BIOLOGICAL TOXANTS**  
[54] **FORMULATIONS POUR LA NEUTRALISATION DE PRODUITS CHIMIQUES OU BIOLOGIQUES TOXIQUES**  
[72] TUCKER, MARK D., US  
[72] TADROS, MAHER E., US  
[71] SANDIA CORPORATION, US  
[22] 2000-12-12  
[43] 2001-12-29  
[30] US (09/607,586) 2000-06-29

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[21] **2,331,177**  
[13] A1

[51] **Int.Cl. 7E21B 10/16**  
[25] EN  
[54] **A ROLLER BIT WITH PARALLEL INLAYED COMPACTS**  
[54] **TREPAN A MOLETTES AVEC POINTES RAPPORTEES PARALLELES**  
[72] CHEN, ZHIHUA, CN  
[71] KINGDREAM PUBLIC LIMITED COMPANY, CN  
[22] 2001-01-16  
[43] 2001-12-29  
[30] CN (00114661.0) 2000-06-29

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[21] **2,326,829**  
[13] A1

[51] **Int.Cl. 7B60T 17/04 7F16K 1/00**  
[25] EN  
[54] **ECP MANIFOLD VALVE INSERTS**  
[54] **MECANISME D'OBTURATION POUR COLLECTEUR PNEUMATIQUE A COMMANDE ELECTRONIQUE**  
[72] SICH, GARY W., US  
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US  
[22] 2000-11-23  
[43] 2001-12-28  
[30] US (605,762) 2000-06-28

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[21] **2,328,512**  
[13] A1

[51] **Int.Cl. 7E06B 3/96**  
[25] EN  
[54] **WINDOW HAVING A HINGED WEATHERSTRIP**  
[54] **FENETRE MUNIE D'UN COUPE-FROID ARTICULE**  
[72] FISCHER, RICHARD M., US  
[72] PETERSON, JAMES L., US  
[72] COACH, THOMAS P., US  
[71] ANDERSEN CORPORATION, US  
[22] 2000-12-14  
[43] 2001-12-28  
[30] US (09/605,501) 2000-06-28

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[21] **2,331,629**  
[13] A1

[51] **Int.Cl. 7H01J 61/70**  
[25] EN  
[54] **LAMP DEVICE AND ASSEMBLY**  
[54] **DISPOSITIF D'ECLAIRAGE AVEC LAMPE**  
[72] HALL, ROLLAND B., US  
[72] ENG, HOWARD B., US  
[72] DUDEK, PETER A., US  
[71] OSRAM SYLVANIA INC., US  
[22] 2001-01-18  
[43] 2001-12-27  
[30] US (09/605,790) 2000-06-27

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[21] **2,327,848**  
[13] A1

[51] **Int.Cl. 7B65D 85/86 7G09F 5/04**  
[25] EN  
[54] **REPLACEMENT PART MATCHING METHOD AND SYSTEM**  
[54] **METHODE ET SYSTEME D'APPARIEMENT DE PIECES DE RECHANGE**  
[72] LEBRON, GREG, US  
[71] GEMINI INDUSTRIES, INC., US  
[22] 2000-12-07  
[43] 2001-12-26  
[30] US (09/603,038) 2000-06-26

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[21] **2,329,268**  
[13] A1

[51] **Int.Cl. 7B60L 3/00 7B60K 6/02**  
[25] EN  
[54] **VARIABLE CURRENT LIMIT CONTROL FOR VEHICLE ELECTRIC DRIVE SYSTEM**  
[54] **LIMITEUR DE COURANT VARIABLE POUR LE SYSTEME DE TRANSMISSION ELECTRIQUE D'UN VEHICULE**  
[72] LEMMON, NORMAN FREDERICK, US  
[72] NEWENDORP, BRUCE CRAIG, US  
[72] KASTEN, ROBERT EUGENE, US  
[71] DEERE & COMPANY, US  
[22] 2000-12-20  
[43] 2001-12-27  
[30] US (09/604,148) 2000-06-27

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[21] **2,332,078**  
[13] A1

[51] **Int.Cl. 7B62J 15/00**  
[25] EN  
[54] **ARTICULATED REAR FENDER FOR BICYCLES**  
[54] **GARDE-BOUE ARRIERE ARTICULE POUR BICYCLETES**  
[72] GABLE, JACK, CA  
[71] GABLE, JACK, CA  
[22] 2001-01-23  
[43] 2001-12-29  
[30] US (09/605,365) 2000-06-29

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December 23, 2001 - December 29, 2001**

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[21] **2,333,209**  
[13] A1

[51] **Int.Cl. 7C07C 7/152 7C10G 29/20**  
[25] EN  
[54] **SEPARATION OF OLEFINIC HYDROCARBONS FROM SULFUR-CONTAINING HYDROCARBONS BY USE OF A SOLVENT**  
[54] **SEPARATION D'OLEFINES ET D'HYDROCARBURES SULFURES A L'AIDE D'UN SOLVANT**  
[72] BROWN, RONALD E., US  
[71] PHILLIPS PETROLEUM COMPANY, US  
[22] 2001-01-31  
[43] 2001-12-23  
[30] US (09/602,439) 2000-06-23

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[21] **2,334,461**  
[13] A1

[51] **Int.Cl. 7E05D 15/22**  
[25] EN  
[54] **WINDOW SASH TILT CONTROL**  
[54] **COMMANDE D'INCLINAISON DE CHASSIS DE FENETRE**  
[72] KINSEY, BRUCE F., US  
[71] KINSEY, BRUCE F., US  
[22] 2001-02-07  
[43] 2001-12-23  
[30] US (60/213,488) 2000-06-23

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[21] **2,337,602**  
[13] A1

[51] **Int.Cl. 7B23K 26/42 7B23K 26/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONTROLLING A LASER-EQUIPPED MACHINE TOOL TO PREVENT SELF-BURNING**  
[54] **METHODE ET APPAREIL DE CONTROLE D'UNE MACHINE-OUTIL EQUIPEE DE LASERS POUR EMPECHER L'INFLAMMATION SPONTANEE**  
[72] SCOTT, WILLIAM B., US  
[71] W. A. WHITNEY CO., US  
[22] 2001-02-19  
[43] 2001-12-26  
[30] US (09/603,281) 2000-06-26

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[21] **2,341,076**  
[13] A1

[51] **Int.Cl. 7H01L 23/34 7H01L 23/40**  
[25] EN  
[54] **A HEAT SINK**  
[54] **RADIATEUR**  
[72] PARK, WOANG SIK, KR  
[71] SAMSUNG ELECTRO-MECHANICS CO., LTD., KR  
[22] 2001-03-21  
[43] 2001-12-24  
[30] KR (P2000-35051) 2000-06-24

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[21] **2,341,134**  
[13] A1

[51] **Int.Cl. 7A63H 5/00**  
[25] EN  
[54] **IMPACT-ACTIVATED INTERACTIVE TOY**  
[54] **JOUET INTERACTIF ACTIONNE PAR IMPACTS**  
[72] ROTTGER, GARY J., US  
[71] VIRTUAL TOY HOUSE LLC, US  
[22] 2001-03-19  
[43] 2001-12-28  
[30] US (09/605,302) 2000-06-28

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[21] **2,341,746**  
[13] A1

[51] **Int.Cl. 7E05B 73/00**  
[25] EN  
[54] **SECURITY SUPPORT SYSTEM TO DISPLAY ITEMS**  
[54] **SYSTEME DE SOUTIEN DE SECURITE POUR AFFICHER DES ELEMENTS**  
[72] CHURCH, JOSEPH ORREN, US  
[71] CHURCH, JOSEPH ORREN, US  
[22] 2001-03-21  
[43] 2001-12-23  
[30] US (09/602,299) 2000-06-23

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[21] **2,341,947**  
[13] A1

[51] **Int.Cl. 7G01V 3/32**  
[25] EN  
[54] **MAGNETIC RESONANCE IMAGING IN A BOREHOLE**  
[54] **IMAGERIE PAR RESONANCE MAGNETIQUE DANS UN TROU DE SONDE**  
[72] TAHERIAN, REZA, US  
[72] SEZGINER, ABDURRAHMAN, US  
[72] CRARY, STEVEN F., US  
[72] SUN, BOQIN, US  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[22] 2001-03-22  
[43] 2001-12-28  
[30] US (09/605,805) 2000-06-28

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[21] **2,342,059**  
[13] A1

[51] **Int.Cl. 7A61K 33/36 7A61P 35/00 7A61P 19/02 7A61P 17/06 7A61P 3/10**  
[25] EN  
[54] **ANGIOGENESIS INHIBITOR**  
[54] **INHIBITEUR DE L'ANGIOGENESE**  
[72] RHEE, CHANG HUN, KR  
[72] SEO, KANG MOON, KR  
[72] BAE, IL JU, KR  
[71] BAE, IL JU, KR  
[22] 2001-03-26  
[43] 2001-12-29  
[30] KR (2000-36452) 2000-06-29

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[21] **2,343,262**  
[13] A1

[51] **Int.Cl. 7H01M 8/06 7H01M 8/04 7H01M 8/22**  
[25] EN  
[54] **FUEL CELL SYSTEM HAVING THERMALLY INTEGRATED, ISOTHERMAL CO-CLEANSING SUBSYSTEM**  
[54] **PILE A COMBUSTIBLE MUNIE D'UN SOUS-SYSTEME D'ELIMINATION DU ISOTHERMIQUE INTEGRE THERMIQUEMENT**  
[72] PETTIT, WILLIAM HENRY, US  
[72] BORUP, RODNEY LYNN, US  
[71] GENERAL MOTORS CORPORATION, US  
[22] 2001-04-05  
[43] 2001-12-27  
[30] US (09/604,151) 2000-06-27

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**Demandes canadiennes mises à la disponibilité du public**  
**23 decembre 2001 - 29 decembre 2001**

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[21] **2,343,457**  
[13] A1

[51] **Int.Cl. 7B60Q 1/26 7B60Q 1/38**  
[25] EN  
[54] **DEVICE IN A LATERAL BLINKER**  
[54] **DISPOSITIF DE CLIGNOTANT**  
**LATERAL**  
[72] MIYABUKURO, PEDRO TAKASHI,  
BR  
[71] METAGAL INDUSTRIA E  
COMERCIO LTDA., BR  
[22] 2001-04-06  
[43] 2001-12-27  
[30] BR (MU 8001294-9) 2000-06-27

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[21] **2,343,606**  
[13] A1

[51] **Int.Cl. 7F21L 4/00**  
[25] EN  
[54] **LIGHT SIGNALLING DEVICE**  
[54] **DISPOSITIF DE SIGNALISATION**  
**LUMINEUSE**  
[72] CHAN, MICHAEL KAI KIN, CA  
[71] CHAN, MICHAEL KAI KIN, CA  
[22] 2001-04-04  
[43] 2001-12-23  
[30] US (09/599,996) 2000-06-23

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[21] **2,343,855**  
[13] A1

[51] **Int.Cl. 7B61H 13/00 7B60T 8/34**  
[25] EN  
[54] **GRADE SPEED CONTROL AND**  
**METHOD FOR RAILWAY FREIGHT**  
**VEHICLES**  
[54] **COMMANDE DE REGLAGE DE LA**  
**VITESSE DANS LES PENTES ET**  
**METHODE DE REGLAGE POUR LES**  
**VEHICULES FERROVIAIRES A**  
**MARCHANDISES**  
[72] HART, JAMES E., US  
[71] WESTINGHOUSE AIR BRAKE  
TECHNOLOGIES CORPORATION, US  
[22] 2001-04-11  
[43] 2001-12-28  
[30] US (09/605,614) 2000-06-28

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[21] **2,344,008**  
[13] A1

[51] **Int.Cl. 7G06F 19/00 7G06F 17/60**  
[25] EN  
[54] **SOFTWARE AND HARDWARE**  
**COMPONENT AUDIT AND**  
**INVENTORY MANAGEMENT SYSTEM**  
[54] **SYSTEME DE GESTION DE**  
**VERIFICATION ET D'INVENTAIRE**  
**D'ELEMENTS DE LOGICIEL ET DE**  
**MATERIEL**  
[72] NORRIE, ROSS, CA  
[72] O'HALLORAN, STEVE, CA  
[71] ASSETMETRIX, INC., CA  
[22] 2001-04-17  
[43] 2001-12-23  
[30] CA (2,312,193) 2000-06-23

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[21] **2,344,778**  
[13] A1

[51] **Int.Cl. 7G02B 6/13**  
[25] EN  
[54] **OPTICAL CIRCUIT IN WHICH**  
**FABRICATION IS EASY**  
[54] **CIRCUIT OPTIQUE FACILE A**  
**FABRIQUER**  
[72] ODA, MIKIO, JP  
[72] SOEJIMA, KOJI, JP  
[72] KITAJO, SAKAE, JP  
[71] NEC CORPORATION, JP  
[22] 2001-04-24  
[43] 2001-12-23  
[30] JP (189043/2000) 2000-06-23  
[30] JP (368960/2000) 2000-12-04

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[21] **2,344,789**  
[13] A1

[51] **Int.Cl. 7H04L 12/56 7H04L 12/46**  
[25] EN  
[54] **REDUNDANT CHANNELS OVER A**  
**PACKET NETWORK**  
[54] **CANAUX REDONDANTS SUR**  
**RESEAU A PAQUETS**  
[72] SWARDSTROM, PAUL D., US  
[72] HOLLATZ, MICHAEL C., US  
[71] ROCKWELL ELECTRONIC  
COMMERCE CORP., US  
[22] 2001-04-24  
[43] 2001-12-27  
[30] US (09/604,128) 2000-06-27

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[21] **2,344,911**  
[13] A1

[51] **Int.Cl. 7H04L 12/56 7H04L 12/24**  
[25] EN  
[54] **ERROR-CORRECTING**  
**COMMUNICATION METHOD FOR**  
**TRANSMITTING DATA PACKETS IN A**  
**NETWORK COMMUNICATION**  
**SYSTEM**  
[54] **METHODE DE COMMUNICATION**  
**A CORRECTION D'ERREURS POUR LA**  
**TRANSMISSION DE PAQUETS DE**  
**DONNEES DANS UN SYSTEME DE**  
**COMMUNICATIONS RESEAU**  
[72] DAUDELIN, DOUGLAS STREETER,  
US  
[71] LUCENT TECHNOLOGIES, INC., US  
[22] 2001-04-24  
[43] 2001-12-29  
[30] US (09/606,347) 2000-06-29

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[21] **2,345,187**  
[13] A1

[51] **Int.Cl. 7H04R 3/12 7G06F 3/16**  
[25] EN  
[54] **ADDRESSABLE SPEAKER**  
**SYSTEM**  
[54] **SYSTEME DE HAUT-PARLEURS**  
**ADRESSABLES**  
[72] FRECSKA, SANDOR A., US  
[71] ARMSTRONG WORLD  
INDUSTRIES, INC., US  
[22] 2001-04-25  
[43] 2001-12-23  
[30] US (09/603,297) 2000-06-23

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[21] **2,345,601**  
[13] A1

[51] **Int.Cl. 7A47L 9/00**  
[25] EN  
[54] **HANDLE OPERATED POWER**  
**LINK LOCKOUT**  
[54] **DISPOSITIF DE BLOCAGE DE**  
**BIELLETTE D'ALIMENTATION A**  
**POIGNEE**  
[72] MORGAN, JEFFERY A., US  
[72] LOUIS, JEFFREY S., US  
[72] THOMAS, KEVIN L., US  
[71] THE HOOVER COMPANY, US  
[22] 2001-05-03  
[43] 2001-12-26  
[30] US (09/603,599) 2000-06-26

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**Canadian Laid-Open Applications**  
**December 23, 2001 - December 29, 2001**

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[21] **2,345,913**  
[13] A1

[51] **Int.Cl. 7F41H 3/00**  
[25] EN  
[54] **PORTABLE STAND FOR CAMOUFLAGE**  
[54] **SUPPORT PORTATIF DE CAMOUFLAGE**  
[72] TUCKER, BRIAN, US  
[71] TUCKER, BRIAN, US  
[22] 2001-05-02  
[43] 2001-12-26  
[30] US (60/213,999) 2000-06-26  
[30] US (UNKNOWN) 2001-04-26

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[21] **2,346,270**  
[13] A1

[51] **Int.Cl. 7B22D 45/00**  
[25] EN  
[54] **RISER TOPPING GATHERING SYSTEM AND METHOD**  
[54] **SYSTEME ET METHODE DE COLLECTE DES PRODUITS DE TETE DE MASSELOTTE**  
[72] PETERS, CRAIG L., US  
[72] ARTHURS, FRANK E., US  
[72] SMORYNSKI, MICHAEL E., US  
[72] MORRIS, GREG M., US  
[71] AMSTED INDUSTRIES INCORPORATED, US  
[22] 2001-05-04  
[43] 2001-12-23  
[30] US (09/602,429) 2000-06-23

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[21] **2,346,351**  
[13] A1

[51] **Int.Cl. 7F25C 5/18 7F25D 31/00**  
[25] EN  
[54] **ICE THERMAL STORAGE CONTROL**  
[54] **CONTROLE DE LA GLACE DANS UN RESERVOIR THERMIQUE**  
[72] OSBORNE, WILLIAM T., US  
[72] SMITH, GARY D., US  
[71] BALTIMORE AIRCOIL COMPANY, INC., US  
[22] 2001-05-04  
[43] 2001-12-26  
[30] US (09/603,400) 2000-06-26  
[30] US (09/706,927) 2000-11-06

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[21] **2,346,605**  
[13] A1

[51] **Int.Cl. 7G06F 3/14 7G06T 3/40**  
[25] EN  
[54] **AUTOMATICALLY SCALING ICONS TO FIT A DISPLAY AREA WITHIN A DATA PROCESSING SYSTEM**  
[54] **ICONES A VARIATION D'ECHELLE AUTOMATIQUE S'ADAPTANT A UNE ZONE D'AFFICHAGE DANS UN SYSTEME DE TRAITEMENT DE DONNEES**  
[72] DUTTA, RABINDRANATH, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 2001-05-07  
[43] 2001-12-23  
[30] US (09/599,893) 2000-06-23

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[21] **2,346,606**  
[13] A1

[51] **Int.Cl. 7G06F 17/30 7G06F 3/16 7H04L 12/16**  
[25] EN  
[54] **METHOD AND APPARATUS FOR COUPLING A VISUAL BROWSER TO A VOICE BROWSER**  
[54] **METHODE ET APPAREIL POUR COUPLER UN NAVIGATEUR VISUEL ET UN NAVIGATEUR VOCAL**  
[72] LUCAS, BRUCE D., US  
[72] REICH, DAVID A., US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 2001-05-07  
[43] 2001-12-28  
[30] US (09/605,612) 2000-06-28

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[21] **2,347,255**  
[13] A1

[51] **Int.Cl. 7G09F 3/02 7G07B 17/00**  
[25] EN  
[54] **MODIFICATION OF RECEIVER SURFACE TO REJECT STAMP CANCELLATION INFORMATION**  
[54] **MODIFICATION DE SURFACE DE RECEPTEUR POUR REJETER L'INFORMATION D'OBLITERATION**  
[72] PATTON, DAVID L., US  
[72] DELMAN, H. MARK, US  
[72] PINCELLI, FRANK, US  
[71] EASTMAN KODAK COMPANY, US  
[22] 2001-05-09  
[43] 2001-12-28  
[30] US (09/605,246) 2000-06-28

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[21] **2,347,514**  
[13] A1

[51] **Int.Cl. 7G01N 30/82 7G01N 1/02**  
[25] EN  
[54] **APPARATUS AND METHOD FOR PREPARATIVE SUPERCRITICAL FLUID CHROMATOGRAPHY**  
[54] **APPAREIL ET METHODE DE CHROMATOGRAPHIE A FLUIDE SUPERCRITIQUE DE PREPARATION**  
[72] BENTE, PAUL, US  
[72] STAATS, L. THOMPSON, US  
[72] BERGER, TERRY A., US  
[72] NICKERSON, MARK, US  
[72] FOGELMAN, KIMBER D., US  
[71] BERGER INSTRUMENTS, INC., US  
[22] 2001-05-14  
[43] 2001-12-26  
[30] US (09/607,316) 2000-06-26

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[21] **2,348,026**  
[13] A1

[51] **Int.Cl. 7C07K 16/28 7C12N 5/18 7A61K 39/395**  
[25] EN  
[54] **ANTIBODIES AGAINST SEMP1, METHODS FOR THEIR PRODUCTION AND USES THEREOF**  
[54] **ANTICORPS ANTI-SEMP1, METHODES DE PRODUCTION ET UTILISATIONS CONNEXES**  
[72] HOEVEL, THORSTEN, DE  
[72] KUBBIES, MANFRED, DE  
[72] KOCH, STEFAN, DE  
[72] RUEGER, PETRA, DE  
[72] MUNDIGL, OLAF, DE  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[22] 2001-06-08  
[43] 2001-12-23  
[30] EP (00 113 344.6) 2000-06-23  
[30] EP (01 107 799.7) 2001-04-05

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[51] **Int.Cl. 7B26D 7/06**  
[25] EN  
[54] **CUT-OFF APPARATUS FOR NON-CIRCULAR TUBES**  
[54] **APPAREIL DE COUPE POUR TUBES NON CIRCULAIRES**  
[72] CASE, MANSON DREW, US  
[71] SONOCO DEVELOPMENT, INC., US  
[22] 2001-05-09  
[43] 2001-12-27  
[30] US (09/603,702) 2000-06-27

**Demandes canadiennes mises à la disponibilité du public**  
**23 decembre 2001 - 29 decembre 2001**

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[21] **2,348,209**  
[13] A1

[51] **Int.Cl. 7A01K 1/12**  
[25] EN  
[54] **AN IMPLEMENT FOR MILKING ANIMALS**  
[54] **DISPOSITIF DE TRAITE D'ANIMAUX**  
[72] FRANSEN, RENATUS IGNATIUS JOSEPHUS, NL  
[72] DEELSTRA, JENTJE, NL  
[71] LELY RESEARCH HOLDING AG, CH  
[22] 2001-05-23  
[43] 2001-12-26  
[30] NL (1015525) 2000-06-26

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[21] **2,348,303**  
[13] A1

[51] **Int.Cl. 7G01N 21/84 7G06F 17/00 7G01N 33/46**  
[25] EN  
[54] **SYSTEM AND METHOD FOR MEASUREMENT OF ADHESIVE RESIN DISTRIBUTION ON WOOD FLAKES USING A SCANNER**  
[54] **SYSTEME ET METHODE DE MESURE DE LA REPARTITION DE LA RESINE ADHESIVE SUR DES FRAGMENTS DE BOIS AU MOYEN D'UN ANALYSEUR**  
[72] ROMANS, JAMES E., US  
[71] GEORGIA-PACIFIC RESINS, INC., US  
[22] 2001-05-24  
[43] 2001-12-26  
[30] US (09/603,995) 2000-06-26

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[21] **2,348,310**  
[13] A1

[51] **Int.Cl. 7H04N 3/36 7G02B 7/28**  
[25] EN  
[54] **PHOTOGRAPHIC SCANNER WITH FOCUS CONTROL**  
[54] **SCANNER DE PHOTOGRAPHIE AVEC COMMANDE DE MISE AU POINT**  
[72] LEHMANN, MATHIAS, CH  
[72] VON TOBEL, GEORG, CH  
[72] KOBEL, PETER, CH  
[72] SCHAUB, HEINER, CH  
[72] ROTACH, HANSJORG, CH  
[72] KOCH, WILLY, CH  
[71] GRETAG IMAGING TRADING AG, CH  
[22] 2001-05-24  
[43] 2001-12-23  
[30] EP (00113039.2) 2000-06-23

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[21] **2,348,713**  
[13] A1

[51] **Int.Cl. 7E21B 33/06**  
[25] EN  
[54] **IMPROVED RAM BORE PROFILE FOR VARIABLE BORE PACKER RAM IN A RAM TYPE BLOWOUT PREVENTER**  
[54] **PROFIL D'ALEPAGE DE MACHOIRE AMELIORE POUR MACHOIRE DE PACKER A ALESAGE VARIABLE DANS UN OBTURATEUR A MACHOIRES**  
[72] WATTS, GERALD D., US  
[71] COOPER CAMERON CORPORATION, US  
[22] 2001-06-05  
[43] 2001-12-29  
[30] US (09/606,264) 2000-06-29

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[21] **2,348,810**  
[13] A1

[51] **Int.Cl. 7A61M 5/178 7A61M 5/50**  
[25] EN  
[54] **HYPODERMIC SYRINGE WITH SELECTIVELY RETRACTABLE NEEDLE**  
[54] **SERINGUE HYPODERMIQUE AVEC AIGUILLE SELECTIVEMENT RETRACTABLE**  
[72] TOWNSEND, SCOTT A., US  
[72] HOECK, ROGER, US  
[72] BUSH, CHARLES L., JR., US  
[71] BECTON, DICKINSON AND COMPANY, US  
[22] 2001-05-25  
[43] 2001-12-27  
[30] US (09/604,429) 2000-06-27

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[21] **2,348,984**  
[13] A1

[51] **Int.Cl. 7A61M 5/50**  
[25] EN  
[54] **HYPODERMIC SYRINGE WITH SELECTIVELY RETRACTABLE NEEDLE**  
[54] **SERINGUE HYPODERMIQUE A AIGUILLE TELESCOPIQUE**  
[72] HOECK, ROGER, US  
[72] BUSH, CHARLES L., JR., US  
[71] BECTON DICKINSON AND COMPANY, US  
[22] 2001-05-28  
[43] 2001-12-29  
[30] US (09/606,743) 2000-06-29

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[21] **2,348,985**  
[13] A1

[51] **Int.Cl. 7B23B 47/00**  
[25] EN  
[54] **GEAR AND LEVER SPINDLE LOCK**  
[54] **COMMANDE DE VERROUILLAGE DE BROCHE A SELECTEUR DE VITESSE**  
[72] KING, WADE C., US  
[72] SMITH, ROGER Q., US  
[71] BLACK & DECKER INC., US  
[22] 2001-05-28  
[43] 2001-12-23  
[30] US (09/603,869) 2000-06-23

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[21] **2,349,078**  
[13] A1

[51] **Int.Cl. 7A63C 17/14**  
[25] EN  
[54] **BRAKE SYSTEM FOR A WHEELED ARTICLE**  
[54] **SYSTEME DE FREINAGE POUR ARTICLE A ROULETTES**  
[72] STICKLER, GEORGE D., US  
[72] POLK, LOUIS F., III, US  
[72] PETRUCCI, GARY M., US  
[71] PETRUCCI, GARY M., US  
[22] 2001-05-28  
[43] 2001-12-23  
[30] US (60/213,645) 2000-06-23  
[30] US (09/769,056) 2001-01-24

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[21] **2,349,121**  
[13] A1

[51] **Int.Cl. 7A44B 19/24**  
[25] EN  
[54] **ATTACHMENT FOR ZIPPER CORD**  
[54] **FIXATION POUR CORDON DE FERMETURE ECLAIR**  
[72] PONTAOE, JOHN S., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2001-05-30  
[43] 2001-12-23  
[30] US (09/603,571) 2000-06-23

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**December 23, 2001 - December 29, 2001**

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[21] **2,349,122**  
[13] A1

[51] **Int.Cl. 7B64C 1/00 7B64F 5/00**  
[25] EN  
[54] **AIRCRAFT FUSELAGE SHELL COMPONENT WITH CRACK PROPAGATION RESISTANCE**  
[54] **COMPOSANT DE COQUE DE FUSELAGE D'AERONEF RESISTANT A LA PROPAGATION DES FISSURES**  
[72] SCHMIDT, HANS-JUERGEN, DE  
[71] SCHMIDT, HANS-JUERGEN, DE  
[22] 2001-05-30  
[43] 2001-12-28  
[30] DE (100 31 510.0) 2000-06-28  
[30] US (09/727,830) 2000-11-30

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[21] **2,349,276**  
[13] A1

[51] **Int.Cl. 7B23K 31/02 7B23K 37/00**  
[25] EN  
[54] **WELDING POWER SUPPLY WITH REDUCED OCV**  
[54] **ALIMENTATION POUR SOUDAGE AVEC TENSION A VIDE (OCV) REDUITE**  
[72] REYNOLDS, JON O., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2001-05-31  
[43] 2001-12-29  
[30] US (09/606,453) 2000-06-29

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[21] **2,349,283**  
[13] A1

[51] **Int.Cl. 7E21B 10/08**  
[25] EN  
[54] **CUTTING ELEMENT GEOMETRY FOR ROLLER CONE DRILL BIT**  
[54] **GEOMETRIE D'ELEMENTS DE COUPE POUR FORETS POUR TREPAN A MOLETTES**  
[72] SINGH, AMARDEEP, US  
[72] HUANG, SUJIAN, US  
[71] SMITH INTERNATIONAL, INC., US  
[22] 2001-05-31  
[43] 2001-12-27  
[30] US (09/604,232) 2000-06-27

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[21] **2,349,312**  
[13] A1

[51] **Int.Cl. 7B41L 21/08**  
[25] EN  
[54] **VACUUM TRANSPORT FOR USE IN A XEROGRAPHIC PRINTER**  
[54] **DISPOSITIF DE TRANSPORT A VIDE POUR IMPRIMANTE XEROGRAPHIQUE**  
[72] KORHONEN, JOHN V., GB  
[72] MUGGLEWORTH, SIMON, GB  
[72] PARTRIDGE, COLIN, GB  
[72] MAYFIELD, PETER A., GB  
[71] XEROX CORPORATION, US  
[22] 2001-05-10  
[43] 2001-12-26  
[30] US (09/603,543) 2000-06-26

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[21] **2,349,387**  
[13] A1

[51] **Int.Cl. 7B05B 1/02**  
[25] EN  
[54] **SPRAY GUN NOZZLE ASSEMBLY AIR CAP**  
[54] **CHAPEAU D'AIR DE BUSE DE PISTOLET PULVERISATEUR**  
[72] PETTIT, NEVILLE T., GB  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2001-05-31  
[43] 2001-12-28  
[30] US (09/607,193) 2000-06-28

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[21] **2,349,390**  
[13] A1

[51] **Int.Cl. 7B65B 61/00**  
[25] EN  
[54] **APPARATUS FOR SETTING A CORNER PROTECTOR ON THE CORNER OF A PACKAGE AND SYSTEM FOR PROTECTING A PACKAGE**  
[54] **APPAREIL DE REGLAGE DE PROTECTEUR DE COIND'UN PAQUET ET SYSDME DE PROTECTION D'UN PAQUET**  
[72] SUOLAHTI, YRJO, FI  
[71] OY M. HALOILA AB, FI  
[22] 2001-05-31  
[43] 2001-12-29  
[30] FI (20001546) 2000-06-29

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[21] **2,349,397**  
[13] A1

[51] **Int.Cl. 7B65H 16/02**  
[25] EN  
[54] **DISPENSING APPARATUS AND METHOD**  
[54] **APPAREIL ET METHODE DE DISTRIBUTION**  
[72] TRAMONTINA, PAUL F., US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[22] 2001-05-31  
[43] 2001-12-27  
[30] US (09/603,975) 2000-06-27

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[21] **2,349,479**  
[13] A1

[51] **Int.Cl. 7G06F 17/60 7H04L 12/16**  
[25] EN  
[54] **VEHICLE SERVICE STATUS TRACKING SYSTEM AND METHOD**  
[54] **SYSTEME ET METHODE DE CONTROLE DE L'ETAT DE SERVICE DE VEHICULES**  
[72] GOOD, GARY, US  
[71] U-HAUL INTERNATIONAL, INC., US  
[22] 2001-05-30  
[43] 2001-12-29  
[30] US (09/607189) 2000-06-29

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[21] **2,349,693**  
[13] A1

[51] **Int.Cl. 7C21D 9/66**  
[25] EN  
[54] **TOWER FURNACE FOR HEAT TREATMENT OF METAL STRIPS**  
[54] **FOUR SOUS FORME DE TOUR POUR LE TRAITEMENT THERMIQUE DE BANDES METALLIQUES**  
[72] EBNER, PETER, AT  
[72] LOCHNER, HERIBERT, AT  
[71] EBNER, PETER, AT  
[71] LOCHNER, HERIBERT, AT  
[22] 2001-06-04  
[43] 2001-12-29  
[30] AT (A 1113/2000) 2000-06-29

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[21] **2,349,873**  
[13] A1

[51] **Int.Cl. 7B29C 49/30**  
[25] EN  
[54] **REDUCED FLASH MOLDING**  
[54] **MOULAGE A ECHAPPEMENT**  
**REDUIT**  
[72] SKOV, ERIK L., US  
[71] RUBBERMAID INCORPORATED, US  
[22] 2001-06-06  
[43] 2001-12-28  
[30] US (09/607,315) 2000-06-28

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[21] **2,349,906**  
[13] A1

[51] **Int.Cl. 7G06F 17/30 7G06F 17/00**  
[25] EN  
[54] **APPARATUS AND METHOD FOR**  
**RENDERING A WEB PAGE BASED ON**  
**GEOGRAPHICAL LOCATION**  
[54] **APPAREIL ET METHODE DE**  
**PRESENTATION D'UNE PAGE WEB**  
**BASEE SUR LE LIEU GEOGRAPHIQUE**  
[72] SANTOSUOSSO, JOHN MATTHEW,  
US  
[72] BATES, CARY LEE, US  
[72] NELSON, ERIC JOHN, US  
[71] INTERNATIONAL BUSINESS  
MACHINES CORPORATION, US  
[22] 2001-06-07  
[43] 2001-12-23  
[30] US (09/602,994) 2000-06-23

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[21] **2,349,933**  
[13] A1

[51] **Int.Cl. 7G07C 9/02 7E06B 11/00**  
**7A61B 5/117**  
[25] EN  
[54] **PASSING EXAMINATION SYSTEM**  
**& PASSING EXAMINATION METHOD**  
[54] **SYSTEME D'EXAMEN DE**  
**PASSAGE ET METHODE D'EXAMEN**  
**DE PASSAGE**  
[72] KIMOTO, KATSUMI, JP  
[72] ABUYAMA, YASUO, JP  
[72] MURAKAMI, ATSUSHI, JP  
[71] KABUSHIKI KAISHA TOSHIBA, JP  
[22] 2001-06-07  
[43] 2001-12-26  
[30] JP (P2000-191313) 2000-06-26

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[21] **2,350,007**  
[13] A1

[51] **Int.Cl. 7B21B 31/02**  
[25] EN  
[54] **APPARATUS FOR ROTATABLY**  
**SUPPORTING THE NECK OF A ROLL**  
**IN A ROLLING MILL**  
[54] **APPAREIL DE SUPPORT ROTATIF**  
**DU TOURILLON DE CYLINDRE DE**  
**LAMINOIR**  
[72] OSGOOD, PETER N., US  
[72] WOJTKOWSKI, THOMAS C., JR., US  
[72] WINSLOW, EARL S., JR., US  
[71] MORGAN CONSTRUCTION  
COMPANY, US  
[22] 2001-06-05  
[43] 2001-12-27  
[30] US (09/604,504) 2000-06-27

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[21] **2,350,021**  
[13] A1

[51] **Int.Cl. 7H04B 10/17**  
[25] EN  
[54] **RAMAN AMPLIFIER**  
[54] **AMPLIFICATEUR RAMAN**  
[72] MIYAKAWA, TAKAYUKI, JP  
[72] EDAGAWA, NOBORU, JP  
[72] SUZUKI, MASATOSHI, JP  
[71] KDD SUBMARINE CABLE  
SYSTEMS INC., JP  
[22] 2001-06-11  
[43] 2001-12-28  
[30] JP (2000-194646) 2000-06-28

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[21] **2,350,032**  
[13] A1

[51] **Int.Cl. 7B25B 27/00 7B62D 25/16**  
[25] EN  
[54] **SPRING LOADED MUD FLAP**  
**INSTALLATION TOOL**  
[54] **OUTIL DE POSE DE BAVETTE**  
**GARDE-BOUE A RESSORT**  
[72] O'KANE, DONALD L., CA  
[71] O'KANE, DONALD L., CA  
[22] 2001-06-08  
[43] 2001-12-26  
[30] US (08/935,289) 2000-06-26

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[21] **2,350,043**  
[13] A1

[51] **Int.Cl. 7C12N 15/16 7A01K 67/027**  
**7G01N 33/566 7C07K 14/72**  
[25] EN  
[54] **NOVEL MELANOCORTIN -4**  
**RECEPTOR SEQUENCES AND**  
**SCREENING ASSAYS TO IDENTIFY**  
**COMPOUNDS USEFUL IN**  
**REGULATING ANIMAL APPETITE**  
**AND METABOLIC RATE**  
[54] **NOUVELLES SEQUENCES DE**  
**RECEPTEUR DE LA**  
**MELANOCORTINE 4 ET EPREUVES**  
**DE DEPISTAGE DE COMPOSES**  
**UTILES POUR LA REGULATION DE**  
**L'APPETIT DES ANIMAUX ET DE**  
**LEUR VITESSE DE METABOLISME**  
[72] HICKMAN, MARY ANNE, US  
[72] ROBERTSON, ALAN SCOTT, US  
[72] HOUSEKNECHT, KAREN LYNNE,  
US  
[71] PFIZER PRODUCTS INC., US  
[22] 2001-06-22  
[43] 2001-12-26  
[30] US (60/213,909) 2000-06-26

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[21] **2,350,057**  
[13] A1

[51] **Int.Cl. 7H01L 23/28 7H01L 23/02**  
[25] EN  
[54] **PLANARIZED PLASTIC MODULES**  
**FOR INTEGRATED CIRCUITS**  
[54] **MODULES EN PLASTIQUE**  
**PLANARISES POUR CIRCUITS**  
**INTEGRES**  
[72] HORSFORD, KIBBY B., US  
[72] IRISH, GARY H., US  
[72] OSBORNE, GORDON C., JR., US  
[72] CARPER, JAMES L., US  
[72] LAJZA, JOHN J., JR., US  
[72] CINCOTTA, JOHN P., US  
[72] RAMSEY, CHARLES R., US  
[72] SMITH, ROBERT M., US  
[72] VADNAIS, MICHAEL J., US  
[72] CALETKA, DAVID V., US  
[71] INTERNATIONAL BUSINESS  
MACHINES CORPORATION, US  
[22] 2001-06-07  
[43] 2001-12-28  
[30] US (09/605,173) 2000-06-28

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[21] **2,350,072**  
[13] A1  
[51] **Int.Cl. 7G02B 6/36**  
[25] EN  
[54] **OPTICAL-FIBER FERRULE HAVING PASSIVE ALIGNMENT FEATURES**  
[54] **FERRULE POUR FIBRES OPTIQUES, AYANT DES CARACTERISTIQUES D'ALIGNEMENT PASSIF**  
[72] DEMANGONE, DREW A., US  
[71] BERG TECHNOLOGY, INC., US  
[22] 2001-06-07  
[43] 2001-12-23  
[30] US (09/602,974) 2000-06-23

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[21] **2,350,092**  
[13] A1  
[51] **Int.Cl. 7H01S 5/125 7H04B 10/04**  
[25] EN  
[54] **METHOD AND APPARATUS FOR REDUCTION OF ELECTRICAL CROSSTALK AND WAVE LENGTH CHIRP IN A DISTRIBUTED BRAGG REFLECTOR LASER**  
[54] **METHODE ET APPAREIL POUR REDUIRE LA DIAPHONIE ELECTRIQUE ET LA FLUCTUATION DE LONGUEUR D'ONDE DANS UN LASER A REFLECTEUR BRAGG REPARTI**  
[72] SHTENGEL, GLEB E., US  
[72] WILT, DANIEL PAUL, US  
[72] HARTMAN, ROBERT LOUIS, US  
[72] ENG, LARS ERIC, US  
[71] AGERE SYSTEMS OPTOELECTRONICS GUARDIAN CORPORATION, US  
[22] 2001-05-23  
[43] 2001-12-28  
[30] US (09/606,795) 2000-06-28

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[21] **2,350,295**  
[13] A1  
[51] **Int.Cl. 7B28B 7/16**  
[25] EN  
[54] **PRECAST CONCRETE WALL SYSTEM**  
[54] **SYSTEME POUR MUR EN BETON PRECOULE**  
[72] WRASS, LAWRENCE J., US  
[72] BROAD, ROBERT P., US  
[72] PULTE, WILLIAM J., US  
[71] PN II, INC, US  
[22] 2001-06-12  
[43] 2001-12-28  
[30] US (09/605,910) 2000-06-28

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[21] **2,350,301**  
[13] A1  
[51] **Int.Cl. 7A01D 34/82**  
[25] EN  
[54] **A HINGED COVER FOR ENCLOSING STRUCTURE ASSOCIATED WITH A MOWER CUTTING DECK**  
[54] **CAPOT DE TONDEUSE A CHARNIERES**  
[72] HOLLAND, RONALD PAUL, US  
[72] THORMAN, CHRISTOPHER SCOTT, XX  
[71] DEERE & COMPANY, US  
[22] 2001-06-12  
[43] 2001-12-29  
[30] US (09/606,994) 2000-06-29

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[21] **2,350,337**  
[13] A1  
[51] **Int.Cl. 7A61F 13/49**  
[25] EN  
[54] **DISPOSABLE UNDERGARMENT**  
[54] **SOUS-VETEMENT JETABLE**  
[72] NAKAMURA, KENJI, JP  
[72] SHIMADA, TAKAAKI, JP  
[72] SUZUKI, SEIJI, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2001-06-11  
[43] 2001-12-27  
[30] JP (2000-192301) 2000-06-27

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[21] **2,350,350**  
[13] A1  
[51] **Int.Cl. 7B60T 8/00**  
[25] EN  
[54] **BRAKING FORCE CONTROL-TYPE BEHAVIOR CONTROL APPARATUS AND METHOD OF MOTOR VEHICLE**  
[54] **APPAREIL ET METHODE DE CONTROLE DU COMPORTEMENT DE VEHICULES A MOTEUR PENDANT LE FREINAGE**  
[72] AGA, MASAMI, JP  
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
[22] 2001-06-12  
[43] 2001-12-26  
[30] JP (2000-191131) 2000-06-26

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[21] **2,350,371**  
[13] A1  
[51] **Int.Cl. 7G06N 3/02 7E21B 44/00 7G06F 19/00**  
[25] EN  
[54] **METHOD FOR DETERMINING PREFERRED DRILL BIT DESIGN PARAMETERS AND DRILLING PARAMETERS USING A TRAINED ARTIFICIAL NEURAL NETWORK, AND METHODS FOR TRAINING THE ARTIFICIAL NEURAL NETWORK**  
[54] **METHODE DE DETERMINATION DES MEILLEURS PARAMETRES DE CONCEPTION D'OUTILS DE FORAGE ET DES MEILLEURS PARAMETRES DE FORAGE AU MOYEN D'UN RESEAU NEURONAL ARTIFICIEL ENTRAINE ET METHODES D'ENTRAINEMENT DU RESEAU NEURONAL ARTIFICIEL**  
[72] MORAN, DAVID PATRICK, XX  
[72] ROBERTSON, JAMES ALEXANDER, XX  
[71] SMITH INTERNATIONAL, INC., US  
[22] 2001-06-13  
[43] 2001-12-26  
[30] US (09/603,321) 2000-06-26

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[21] **2,350,387**  
[13] A1  
[51] **Int.Cl. 7A61L 2/28**  
[25] EN  
[54] **METHOD FOR RAPIDLY DETERMINING THE ACCEPTABILITY OF LOADS TO BE STERILIZED**  
[54] **METHODE POUR DETERMINER RAPIDEMENT L'ACCEPTABILITE D'ENSEMBLES DE PIECES - STERILISER**  
[72] KOHLER, JAMES P., XX  
[71] ETHICON, INC., US  
[22] 2001-06-13  
[43] 2001-12-27  
[30] US (09/604,650) 2000-06-27

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[21] **2,350,401**  
[13] A1  
[51] **Int.Cl. 7B41L 21/12 7G07F 19/00**  
[25] EN  
[54] **PRINTER UNIT FOR TRANSACTION DEVICE**  
[54] **IMPRIMANTE POUR DISPOSITIF DE TRANSACTIONS**  
[72] ARUGA, KOTOYA, JP  
[72] TAKIZAWA, HIROSHI, JP  
[72] SHIKANO, YOSHIHIRO, JP  
[71] SEIKO EPSON CORPORATION, JP  
[22] 2001-06-13  
[43] 2001-12-28  
[30] JP (2000-195013) 2000-06-28

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[21] **2,350,701**  
[13] A1

[51] **Int.Cl. 7A61C 7/30**  
[25] EN  
[54] **CURVED ELASTOMERIC ORTHODONTIC LIGATURE**  
[54] **LIGATURE ORTHODONTIQUE ELASTOMERIQUE CINTREE**  
[72] LOGAN, LEE R., US  
[71] LOGAN, LEE R., US  
[22] 2001-06-14  
[43] 2001-12-28  
[30] US (09/605,583) 2000-06-28

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[21] **2,350,859**  
[13] A1

[51] **Int.Cl. 7F04B 43/12 7G01F 1/34**  
[25] EN  
[54] **APPARATUS FOR GENERATING AND CONDUCTING A FLUID FLOW, AND METHOD OF MONITORING SAID APPARATUS**  
[54] **APPAREIL DE CREATION ET DE CONDUCTION D'UN FLUX DE LIQUIDE ET METHODE DE CONTROLE DE L'APPAREIL**  
[72] BELLER, JOHANN, DE  
[72] ZELLER, ROBERT, DE  
[71] ENDRESS + HAUSER WETZER GMBH + CO. KG, DE  
[22] 2001-06-15  
[43] 2001-12-28  
[30] AT (00 11 3614.2) 2000-06-28

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[21] **2,350,880**  
[13] A1

[51] **Int.Cl. 7E03D 1/34**  
[25] EN  
[54] **SOLENOID VALVE PISTON**  
[54] **PISTON A SOUPE A SOLENOIDE**  
[72] WILSON, JOHN R., US  
[71] SLOAN VALVE COMPANY, US  
[22] 2001-06-19  
[43] 2001-12-23  
[30] US (09/599,888) 2000-06-23

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[21] **2,350,881**  
[13] A1

[51] **Int.Cl. 7C07D 233/36 7C07D 239/10 7C09D 133/12 7C07C 275/16 7C07D 233/42**  
[25] EN  
[54] **WET ADHESION AND DERIVED COPOLYMERS FOR LATEX PAINTS**  
[54] **ADHESION HUMIDE ET COPOLYMERES DERIVES POUR DES PEINTURES AU LATEX**  
[72] VAN PHUNG, KIEN, US  
[72] DANIELS, CHRISTIAN LEONARD, US  
[72] PINSCHMIDT, ROBERT KRANTZ JR., US  
[72] YACOUB, KHALIL, US  
[71] AIR PRODUCTS AND CHEMICALS, INC., US  
[22] 2001-06-19  
[43] 2001-12-26  
[30] US (09/603,449) 2000-06-26

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[21] **2,350,933**  
[13] A1

[51] **Int.Cl. 7E03F 7/00**  
[25] EN  
[54] **STORM WATER CONTROL HEADER FOR CULVERTS**  
[54] **DIVISEUR DE DEBIT POUR BUSE DE RESEAU PLUVIAL**  
[72] SCHOLLEN, ADRIAN T., CA  
[71] SCHOLLEN, ADRIAN T., CA  
[22] 2001-06-18  
[43] 2001-12-29  
[30] US (09/605,041) 2000-06-29

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[21] **2,350,956**  
[13] A1

[51] **Int.Cl. 7C07D 231/12 7A61P 29/00 7A61K 31/415**  
[25] EN  
[54] **NEW CRYSTALS OF CELECOXIB**  
[54] **NOUVEAUX CRISTAUX DE CELECOXIB**  
[72] BAHAR, MEHMET, TR  
[72] GUNDUZ, HALLIT, TR  
[72] GOKTEPE, MEHMET, TR  
[71] FAKO ILACLARI A.S., TR  
[22] 2001-06-18  
[43] 2001-12-26  
[30] TR (2000/01872) 2000-06-26

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[21] **2,350,970**  
[13] A1

[51] **Int.Cl. 7F02C 7/24 7B64D 29/06**  
[25] EN  
[54] **SOUND-ABSORBING AND REINFORCING STRUCTURE FOR ENGINE NACELLE ACOUSTIC PANEL**  
[54] **STRUCTURE DE RENFORCEMENT ET ABSORBANT LE SON POUR PANNEAU ACOUSTIQUE DE MOTEUR DE NACELLE**  
[72] PEDETTI, CAMILLO, IT  
[72] BATTINI, MASSIMO, IT  
[72] PIEVANI, SERGIO, IT  
[71] AERMACCHI S.P.A., IT  
[22] 2001-06-20  
[43] 2001-12-28  
[30] IT (M12000A 001451) 2000-06-28

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[21] **2,350,972**  
[13] A1

[51] **Int.Cl. 7B60K 25/00**  
[25] EN  
[54] **HYDRAULIC PUMP FOR AN ATV**  
[54] **POMPE HYDRAULIQUE POUR VEHICULE DE TRANSFERT AUTOMATISE**  
[72] LAFLAMME, MARTIN, CA  
[71] BOMBARDIER INC., CA  
[22] 2001-06-18  
[43] 2001-12-23  
[30] US (60/213,553) 2000-06-23

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[21] **2,351,002**  
[13] A1

[51] **Int.Cl. 7C06B 45/10 7C06B 43/00**  
[25] EN  
[54] **INSENSITIVE MELT CAST EXPLOSIVE COMPOSITIONS CONTAINING ENERGETIC THERMOPLASTIC ELASTOMERS**  
[54] **MATIERES EXPLOSIVES INSENSIBLES, OBTENUES PAR MOULAGE A L'ETAT FONDU, CONTENANT DES ELASTOMERES THERMOPLASTIQUES ENERGETIQUES**  
[72] DUBOIS, CHARLES, CA  
[72] THIBOUTOT, SONIA, CA  
[72] AMPLEMAN, GUY, CA  
[72] DIAZ, EMMANUELA, CA  
[72] BROUSSEAU, PATRICK, CA  
[71] THE MINISTER OF NATIONAL DEFENCE, CA  
[22] 2001-06-19  
[43] 2001-12-27  
[30] US (60/214,489) 2000-06-27

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[21] **2,351,071**  
[13] A1  
[51] **Int.Cl. 7C08G 7/44**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF SILARYLENE-SILOXANE-DIORGANOSILOXANE COPOLYMERS**  
[54] **PROCEDE DE PREPARATION DE COPOLYMERES DE SILARYLENE-SILOXANES ET DE DIORGANOSILOXANES**  
[72] MULLER, PHILIPP, DE  
[72] EGERTER, NORBERT, DE  
[71] WACKER-CHEMIE GMBH, DE  
[22] 2001-06-19  
[43] 2001-12-23  
[30] DE (100 30 686.1) 2000-06-23

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[21] **2,351,106**  
[13] A1  
[51] **Int.Cl. 7H05K 7/20**  
[25] FR  
[54] **MODULE DE PUISSANCE A COMPOSANTS ELECTRONIQUES DE PUISSANCE ET PROCEDE DE FABRICATION D'UN TEL MODULE**  
[54] **POWER MODULE WITH ELECTRONIC POWER COMPONENTS AND PROCESS FOR MANUFACTURING SUCH A MODULE**  
[72] PETITBON, ALAIN, FR  
[71] ALSTOM, FR  
[22] 2001-06-18  
[43] 2001-12-23  
[30] FR (00 08 121) 2000-06-23

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[21] **2,351,109**  
[13] A1  
[51] **Int.Cl. 7E21B 49/00 7E21B 47/00**  
[25] FR  
[54] **METHODE POUR EVALUER DES PARAMETRES PHYSIQUES D'UN GISEMENT SOUTERRAIN A PARTIR DE DEBRIS DE ROCHES QUI Y SONT PRELEVES**  
[54] **METHOD FOR EVALUATING THE PHYSICAL PARAMETERS OF AN UNDERGROUND DEPOSIT FROM COLLECTED ROCK CUTTINGS**  
[72] EGERMANN, PATRICK, FR  
[72] LENORMAND, ROLAND, FR  
[71] INSTITUT FRANCAIS DU PETROLE, FR  
[22] 2001-06-18  
[43] 2001-12-23  
[30] FR (00 08 059) 2000-06-23

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[21] **2,351,113**  
[13] A1  
[51] **Int.Cl. 7G06F 19/00**  
[25] FR  
[54] **METHODE DE MAILLAGE AUTOMATIQUE DE CONDUITES PERMETTANT L'IMPLEMENTATION DE CODES DE MODELISATION DE FLUX**  
[54] **METHOD FOR THE AUTOMATIC LINKING OF PIPEWORK TO ENABLE THE IMPLEMENTATION OF FLOW MODELING CODES**  
[72] DURET, EMMANUEL, FR  
[72] FAILLE, ISABELLE, FR  
[72] HEINTZE, ERIC, FR  
[71] INSTITUT FRANCAIS DU PETROLE, FR  
[22] 2001-06-18  
[43] 2001-12-23  
[30] FR (00 08 200) 2000-06-23

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[21] **2,351,120**  
[13] A1  
[51] **Int.Cl. 7H02B 7/00 7H02B 13/025 7H02H 7/26**  
[25] FR  
[54] **POSTE HAUTE TENSION HYBRIDE A JEU DE BARRES SOUS ENVELOPPE METALLIQUE ET PHASE DE SECOURS A ISOLATION DANS L'AIR**  
[54] **HYBRID HIGH VOLTAGE STATION WITH METAL-CLAD BUS BARS AND AIR INSULATED BACK-UP LINE**  
[72] MARMONIER, JEAN, FR  
[72] AUDREN, JEAN-PAUL, FR  
[71] ALSTOM, FR  
[22] 2001-06-20  
[43] 2001-12-23  
[30] FR (00 08 120) 2000-06-23

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[21] **2,351,124**  
[13] A1  
[51] **Int.Cl. 7C07C 43/303 7C07D 321/06 7C07C 41/56 7C07C 41/58**  
[25] EN  
[54] **PROCESS AND MANUFACTURING EQUIPMENT FOR PREPARING ACETALS AND KETALS**  
[54] **PROCEDE ET EQUIPEMENT POUR LA PREPARATION D'ACETALS ET DE CETALS**  
[72] HERGUIJUELA, JUAN RAMON, DE  
[72] BOESCH, VOLKMAR, DE  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[22] 2001-06-20  
[43] 2001-12-26  
[30] EP (001 13 463.4) 2000-06-26

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[21] **2,351,132**  
[13] A1  
[51] **Int.Cl. 7B81C 1/00 7B81B 1/00**  
[25] EN  
[54] **METHOD OF FABRICATING A SUSPENDED MICROSTRUCTURE WITH A SLOPED SUPPORT, AND A SUSPENDED MICROSTRUCTURE FABRICATED BY THE METHOD**  
[54] **METHODE DE FABRICATION D'UNE MICROSTRUCTURE SUSPENDUE AVEC SUPPORT INCLINE, ET MICROSTRUCTURE SUSPENDUE FABRIQUEE PAR CETTE METHODE**  
[72] JEROMINEK, HUBERT, CA  
[71] INSTITUT NATIONAL D'OPTIQUE, CA  
[22] 2001-06-21  
[43] 2001-12-28  
[30] CA (2,312,636) 2000-06-28

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[21] **2,351,134**  
[13] A1  
[51] **Int.Cl. 7B32B 7/06 7B65D 33/22**  
[25] EN  
[54] **PEELABLE SEALABLE POLYOLEFINIC MULTILAYERED FILM AND ITS USE AS A PACKAGING FILM**  
[54] **FILM MULTICOUCHE POLYOLEFINIQUE PELABLE ET SCELLABLE ET UTILISATION COMME FILM DE CONDITIONNEMENT**  
[72] SPERLICH, BERND, DE  
[72] WAGNER, HELMUT, DE  
[72] SCHWARZ, WILLI, DE  
[72] WUNDERLICH, HANS, DE  
[71] WOLFF WALSRODE AG, DE  
[22] 2001-06-20  
[43] 2001-12-23  
[30] DE (10030879.1) 2000-06-23

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[21] **2,351,147**  
[13] A1  
[51] **Int.Cl. 7G09B 25/00 7G06F 19/00 7H04N 1/04**  
[25] EN  
[54] **SPACE PLANNING SYSTEM**  
[54] **SYSTEME DE PLANIFICATION D'ESPACE**  
[72] BARLETT, ERNEST ROSS, CA  
[71] BARLETT, ERNEST ROSS, CA  
[22] 2001-06-21  
[43] 2001-12-29  
[30] US (09/606,175) 2000-06-29

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[21] **2,351,152**  
[13] A1

[51] **Int.Cl. 7C08L 77/06 7C08L 35/00 7C08L 77/02 7C08L 51/04**  
[25] EN  
[54] **POLYMER BLEND HAVING GOOD LOW-TEMPERATURE IMPACT STRENGTH**  
[54] **MELANGE DE POLYMERES POSSEDANT UNE BONNE RESISTANCE AUX CHOCS A BASSE TEMPERATURE**  
[72] BARTZ, WILFRIED, DE  
[72] BAUMANN, FRANZ-ERICH, DE  
[72] HAGER, HARALD, DE  
[72] SCHMITZ, GUIDO, DE  
[72] OENBRINK, GEORG, DE  
[71] DEGUSSA-HULS AKTIENGESELLSCHAFT, DE  
[22] 2001-06-21  
[43] 2001-12-23  
[30] DE (100 307 16.7) 2000-06-23

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[21] **2,351,154**  
[13] A1

[51] **Int.Cl. 7C03C 3/078 7A61K 6/027**  
[25] EN  
[54] **LOW-TEMPERATURE-SINTERING POTASSIUM-ZINC-SILICATE GLASS**  
[54] **VERRE COMPOSE DE POTASSIUM, DE ZINC ET DE SILICATE, FRITTABLE A BASSE TEMPERATURE**  
[72] SCHWEIGER, MARCEL, CH  
[72] RHEINBERGER, VOLKER, LI  
[72] HOLAND, WOLFRAM, LI  
[71] IVOCLAR VIVADENT AG, LI  
[22] 2001-06-21  
[43] 2001-12-28  
[30] DE (100 31 431.7) 2000-06-28

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[21] **2,351,157**  
[13] A1

[51] **Int.Cl. 7G08C 17/02 7G08B 29/16**  
[25] EN  
[54] **METHOD AND APPARATUS FOR RADIO FREQUENCY SECURITY SYSTEM WITH AUTOMATIC LEARNING**  
[54] **METHODE ET APPAREIL POUR SYSTEME DE SECURITE A RADIOFREQUENCES PERMETTANT L'APPRENTISSAGE AUTOMATIQUE**  
[72] RICHMOND, SUZANNE, US  
[72] KOCHIE, PATRICK S., US  
[72] RICHMOND, THOMAS R., US  
[71] DOORKING, INC., US  
[22] 2001-06-21  
[43] 2001-12-26  
[30] US (09/603,831) 2000-06-26

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[21] **2,351,159**  
[13] A1

[51] **Int.Cl. 7E21B 34/12**  
[25] EN  
[54] **FLOAT VALVE ASSEMBLY FOR DOWNHOLE TUBULARS**  
[54] **SOUPAPE A FLOTTEUR POUR MATERIEL TUBULAIRE DE FOND**  
[72] BAUGH, JOHN L., US  
[71] BAKER HUGHES INCORPORATED, US  
[22] 2001-06-21  
[43] 2001-12-23  
[30] US (09/602,326) 2000-06-23

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[21] **2,351,178**  
[13] A1

[51] **Int.Cl. 7C09D 5/46**  
[25] EN  
[54] **METHOD OF COATING A SUBSTRATE AND CORRESPONDING APPARATUS**  
[54] **METHODE ET APPAREIL D'APPLICATION D'UN RECOUVREMENT SUR UN SUBJECTILE**  
[72] MONTERASTELLI, MARK R., US  
[72] EDWARDS, DOUGLAS E., US  
[71] MATERIAL SCIENCES CORPORATION, US  
[22] 2001-06-21  
[43] 2001-12-29  
[30] US (09/605,821) 2000-06-29

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[21] **2,351,179**  
[13] A1

[51] **Int.Cl. 7B32B 15/08 7B65D 51/22**  
[25] EN  
[54] **ANTISTATIC MEMBRANE LIDDING FOR A CONTAINER**  
[54] **COUVERCLE DE CONTENANT CONSTITUE D'UNE MEMBRANE ANTISTATIQUE**  
[72] STEPHENS, DWIGHT L., US  
[72] VARADARAJAN, KRISHNARAJU, US  
[72] WILLIAMS, ALAN, US  
[71] SONOCO DEVELOPMENT, INC., US  
[22] 2001-06-21  
[43] 2001-12-23  
[30] US (09/602,423) 2000-06-23

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[21] **2,351,186**  
[13] A1

[51] **Int.Cl. 7D21F 7/08**  
[25] EN  
[54] **PAPER MACHINE FABRIC**  
[54] **TISSU DE MACHINE A PAPIER**  
[72] TAIPALE, SEPPO, FI  
[71] TAMFELT OYJ ABP, FI  
[22] 2001-06-21  
[43] 2001-12-26  
[30] FI (20001516) 2000-06-26

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[21] **2,351,193**  
[13] A1

[51] **Int.Cl. 7C03C 3/097 7A61K 6/033 7C03C 3/078 7C03C 10/10**  
[25] EN  
[54] **LOW-TEMPERATURE-SINTERING APATITE GLASS CERAMIC**  
[54] **VITROCERAMIQUE D'APATITE OBTENUE PAR FRITTAGE A BASSE TEMPERATURE**  
[72] HOLAND, WOLFRAM, LI  
[72] SCHWEIGER, MARCEL, CH  
[72] RHEINBERGER, VOLKER, LI  
[71] IVOCLAR VIVADENT AG, LI  
[22] 2001-06-21  
[43] 2001-12-28  
[30] DE (100 31 430.9) 2000-06-28

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[21] **2,351,211**  
[13] A1

[51] **Int.Cl. 7G06F 17/21**  
[25] EN  
[54] **TEXT MINING METHOD AND APPARATUS FOR EXTRACTING FEATURES OF DOCUMENTS**  
[54] **METHODE ET APPAREIL D'EXPLOITATION DE TEXTES POUR L'EXTRACTION DES CARACTERISTIQUES DE DOCUMENTS**  
[72] SAKAMOTO, AKIO, JP  
[72] YOSHIOKA, MASUTATSU, JP  
[72] MIZOBUCHI, SHINJI, JP  
[72] THAWONMAS, RUCK, JP  
[71] KOCHI UNIVERSITY OF TECHNOLOGY, JP  
[71] SSR CO., LTD., JP  
[22] 2001-06-22  
[43] 2001-12-29  
[30] JP (2000-197421) 2000-06-29

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[21] **2,351,213**  
[13] A1

[51] **Int.Cl. 7B05B 9/04 7A45D 34/04**  
[25] FR  
[54] **TETE DE DISTRIBUTION, ET ENSEMBLE DE CONDITIONNEMENT ET DE DISTRIBUTION EQUIPE D'UNE TELLE TETE**  
[54] **VALVE, AND THE PACKAGING AND DISPENSING UNIT EQUIPPED WITH THE SAID VALVE**  
[72] GUERET, JEAN-LOUIS H., FR  
[71] L'OREAL, FR  
[22] 2001-06-18  
[43] 2001-12-23  
[30] FR (00 08 083) 2000-06-23

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[21] **2,351,215**  
[13] A1

[51] **Int.Cl. 7A61K 7/48 7A61P 17/00**  
[25] FR  
[54] **UTILISATION D'ERGOETHIONEINE ET/OU DE SES DERIVES COMME AGENT ANTI-GLYCATION**  
[54] **USE OF ERGOETHIONEINE AND/OR ITS DERIVATIVES AS AN ANTIGLYCATION AGENT**  
[72] PAGEON, HERVE, FR  
[72] PELLETIER, PASCALE, FR  
[71] L'OREAL, FR  
[22] 2001-06-22  
[43] 2001-12-26  
[30] FR (00 08 158) 2000-06-26

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[21] **2,351,219**  
[13] A1

[51] **Int.Cl. 7A47F 7/00 7A47F 7/28**  
[25] FR  
[54] **DISPOSITIF POUR LA PRESENTATION D'UN PRODUIT DELITABLE, NOTAMMENT D'UN PRODUIT COSMETIQUE**  
[54] **DEVICE FOR PRESENTING PRODUCTS SUCH AS COSMETICS**  
[72] LACOUT, FRANK, FR  
[71] L'OREAL, FR  
[22] 2001-06-22  
[43] 2001-12-26  
[30] FR (00 08 159) 2000-06-26

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[21] **2,351,231**  
[13] A1

[51] **Int.Cl. 7A61B 17/68**  
[25] EN  
[54] **BONE SCREW RETAINING SYSTEM**  
[54] **SYSTEME DE FIXATION POUR UNE VIS S'IMPLANTANT DANS L'OS**  
[72] HARRINGTON, TODD, US  
[72] CAMPBELL, CHRISTOPHER M., US  
[71] STRYKER SPINE, S.A., FR  
[22] 2001-06-26  
[43] 2001-12-26  
[30] US (09/665,530) 2000-09-19  
[30] FR (00 08144) 2000-06-26

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[21] **2,351,236**  
[13] A1

[51] **Int.Cl. 7A63C 1/00**  
[25] EN  
[54] **SKATE**  
[54] **PATIN**  
[72] STEINHAUSER, PAUL M., JR., US  
[71] BORDEAUX, ROBERT J., US  
[71] STEINHAUSER, PAUL M., JR., US  
[71] POSA, VICTOR, US  
[22] 2001-06-20  
[43] 2001-12-26  
[30] US (09/602,944) 2000-06-26

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[21] **2,351,242**  
[13] A1

[51] **Int.Cl. 7H04M 11/06 7H04B 3/36**  
[25] EN  
[54] **SUBSCRIBER LOOP RANGE EXTENSION USING NEGATIVE-IMPEDANCE REPEATERS**  
[54] **EXTENSION DE LA PORTEE DE LIGNE D'ABONNE AU MOYEN DE REPETEURS A IMPEDANCE NEGATIVE**  
[72] SHENOI, KISHAN, US  
[71] SYMMETRICOM, INC., US  
[22] 2001-06-20  
[43] 2001-12-23  
[30] US (09/870,380) 2001-05-29  
[30] US (60/213,779) 2000-06-23

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[21] **2,351,248**  
[13] A1

[51] **Int.Cl. 7E21B 7/00**  
[25] EN  
[54] **BALANCED TORQUE DRILLING SYSTEM**  
[54] **SYSTEME DE FORAGE A COUPLE EQUILIBRE**  
[72] WALLACE, DON, US  
[71] WALLACE, DON, US  
[22] 2001-06-22  
[43] 2001-12-29  
[30] US (09/606,607) 2000-06-29

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[21] **2,351,251**  
[13] A1

[51] **Int.Cl. 7B65D 85/57**  
[25] EN  
[54] **EXPANDABLE COMPACT DISC SHIPPING CONTAINER**  
[54] **CONTENANT D'EXPEDITION EXTENSIBLE POUR DISQUES COMPACTS**  
[72] COOKSEY, EDWARD, US  
[71] COOKSEY, EDWARD, US  
[22] 2001-06-22  
[43] 2001-12-23  
[30] US (09/599,946) 2000-06-23

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[21] **2,351,252**  
[13] A1

[51] **Int.Cl. 7A61L 15/62 7A61F 13/514**  
[25] EN  
[54] **ABSORBENT ARTICLE**  
[54] **ARTICLE ABSORBANT**  
[72] SHIMIZU, JYOJI, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2001-06-22  
[43] 2001-12-28  
[30] JP (2000-193813) 2000-06-28  
[30] JP (2001-135784) 2001-05-07

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[21] **2,351,254**  
[13] A1

[51] **Int.Cl. 7A47B 81/00 7A47B 96/00**  
**7H01M 2/00 7B65D 81/26**  
[25] EN  
[54] **A SPILL CONTAINMENT SYSTEM WITH A FLEXIBLE CORROSION RESISTANT LINER**  
[54] **SYSTEME DE CONFINEMENT DE DEVERSEMENT A DOUBLAGE SOUPLE ANTICORROSION**  
[72] FRAZIER, DOUGLAS, US  
[71] FRAZIER, DOUGLAS, US  
[22] 2001-06-22  
[43] 2001-12-23  
[30] US (09/602,276 C.I.P.) 2000-06-23

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[21] **2,351,255**  
[13] A1

[51] **Int.Cl. 7F16L 3/137 7F16B 7/04**  
[25] EN  
[54] **APPARATUS FOR THE DETACHABLE SECUREMENT OF AERATION DEVICES IN WATER AERATING UNITS**  
[54] **APPAREILLAGE D'ARRIMAGE AMOVIBLE DE DISPOSITIFS D'AERATION DANS DES AERATEURS D'EAU**  
[72] EDEL, VOLKER, DE  
[72] BRUSS, FRANZ-FERDINAUD, DE  
[71] GUMMI-JAGER KG GMBH & CIE, DE  
[22] 2001-06-22  
[43] 2001-12-23  
[30] DE (100 29 689.0) 2000-06-23

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[21] **2,351,256**  
[13] A1

[51] **Int.Cl. 7C07C 35/08 7C07B 41/02 7C07C 33/20 7C07C 35/28 7C07C 35/36 7C07D 211/42 7C07C 33/46 7C07C 29/48**  
[25] EN  
[54] **OXIDATION OF CARBON-BORON BONDS**  
[54] **OXYDATION DE LIAISONS CARBONE-BORE**  
[72] RIPIN, DAVID HAROLD BROWN, US  
[72] CAI, WEILING, CN  
[71] PFIZER PRODUCTS INC., US  
[22] 2001-06-22  
[43] 2001-12-26  
[30] US (60/214,109) 2000-06-26

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[21] **2,351,259**  
[13] A1

[51] **Int.Cl. 7A22C 13/00 7A01N 59/00**  
[25] EN  
[54] **TUBULAR FOOD CASING**  
[54] **BOYAUX POUR ALIMENTS**  
[72] KRALLMANN, ANTON, DE  
[72] DECKER, GERHARD, DE  
[71] WOLFF WALSRODE AG, DE  
[22] 2001-06-22  
[43] 2001-12-26  
[30] DE (10031045.1) 2000-06-26

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[21] **2,351,261**  
[13] A1

[51] **Int.Cl. 7F21V 23/00**  
[25] EN  
[54] **FLUORESCENT LIGHT FIXTURE WITH LATERAL BALLAST**  
[54] **APPAREIL D'ECLAIRAGE FLUORESCENT A BALLAST LATERAL**  
[72] PYRTLE, RANDY, US  
[71] H.E. WILLIAMS, INC., US  
[22] 2001-06-22  
[43] 2001-12-23  
[30] US (09/603,739) 2000-06-23

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[21] **2,351,263**  
[13] A1

[51] **Int.Cl. 7F17C 13/04**  
[25] EN  
[54] **TANK FOR GASEOUS FUELS WITH ADDITIONAL INTERNAL RESERVOIR**  
[54] **RESERVOIR A CARBURANTS GAZEUX A RECIPIENT INTERNE SUPPLEMENTAIRE**  
[72] BOOTH, WAYNE A., CA  
[71] BOOTH, WAYNE A. AND GORDA, PATRICK W. TRADING IN PARTNERSHIP AS SMARTANK 2001, CA  
[22] 2001-06-22  
[43] 2001-12-26  
[30] US (09/603,555) 2000-06-26

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[21] **2,351,264**  
[13] A1

[51] **Int.Cl. 7B65H 45/04**  
[25] EN  
[54] **MACHINE FOR PRODUCING ALUMINUM FOIL SHEETS FOR HAIR COLORING**  
[54] **MACHINE POUR PRODUIRE DES FEUILLES DE PAPIER D'ALUMINIUM POUR LA COLORATION CAPILLAIRE**  
[72] MUIR, GRANT, CA  
[71] MUIR, GRANT, CA  
[22] 2001-06-26  
[43] 2001-12-28  
[30] US (60/214,420) 2000-06-28

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[21] **2,351,265**  
[13] A1

[51] **Int.Cl. 7G02F 2/02**  
[25] EN  
[54] **OPTICAL FREQUENCY CONVERTER USING RECIPROCATING MODULATION**  
[54] **CONVERTISSEUR DE FREQUENCE OPTIQUE FAISANT APPEL A LA MODULATION RECIPROQUE**  
[72] KAWANISHI, TETSUYA, JP  
[71] COMMUNICATIONS RESEARCH LABORATORY, INDEPENDENT ADMINISTRATIVE INSTITUTI ON, JP  
[22] 2001-06-22  
[43] 2001-12-23  
[30] JP (2000-190215) 2000-06-23

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**Canadian Laid-Open Applications**  
**December 23, 2001 - December 29, 2001**

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[21] **2,351,267**  
[13] A1

[51] **Int.Cl. 7B65B 13/18**  
[25] EN  
[54] **STRAPPING MACHINE WITH IMPROVED ACCESS DOORS**  
[54] **CERCLEUSE A PORTES D'ACCES AMELIOREES**  
[72] DEVINE, DARRYL M., US  
[72] HABERSTROH, JAMES A., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2001-06-22  
[43] 2001-12-26  
[30] US (09/603,425) 2000-06-26

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[21] **2,351,270**  
[13] A1

[51] **Int.Cl. 7E21B 7/00**  
[25] EN  
[54] **DRILLING METHOD**  
[54] **METHODE DE FORAGE**  
[72] EDDISON, ALAN MARTYN, GB  
[71] ANDERGAUGE LIMITED, GB  
[22] 2001-06-22  
[43] 2001-12-23  
[30] GB (0015497.1) 2000-06-23

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[21] **2,351,271**  
[13] A1

[51] **Int.Cl. 7H04B 7/155**  
[25] EN  
[54] **TWO-WAY RADIO COMMUNICATION SYSTEM AND TWO-WAY RADIO COMMUNICATION METHOD**  
[54] **SYSTEME DE RADIOCOMMUNICATION BIDIRECTIONNELLE ET METHODE CONNEXE**  
[72] OGAWA, HIROYO, JP  
[72] HAMAGUCHI, KIYOSHI, JP  
[72] SHOJI, YOZO, JP  
[71] COMMUNICATIONS RESEARCH LABORATORY, INDEPENDENT ADMINISTRATIVE INSTITUTION, JP  
[22] 2001-06-22  
[43] 2001-12-23  
[30] JP (2000-190216) 2000-06-23

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[21] **2,351,273**  
[13] A1

[51] **Int.Cl. 7A61K 31/22 7A61P 11/00**  
[25] EN  
[54] **SOLUTION OF N- $\rightarrow$ O-(P-PIVALOYLOXY BENZENE SULFONYLAMINO) BENZOYL| GLYCINE MONOSODIUM SALT TETRA-HYDRATE AND DRUG PRODUCT THEREOF**  
[54] **SOLUTION DE TETRAHYDRATE DE SEL MONOSODIQUE DE GLYCINE N- $\rightarrow$ O-(P-PIVALOYLOXY BENZENE SULFONYLAMINO) BENZOYL| ET PRODUIT PHARMACEUTIQUE CONNEXE**  
[72] SUDOH, MASAO, JP  
[72] TAKADA, AKIRA, JP  
[71] ONO PHARMACEUTICAL CO., LTD., JP  
[22] 2001-06-22  
[43] 2001-12-29  
[30] JP (2000-195852) 2000-06-29  
[30] JP (2000-195853) 2000-06-29

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[21] **2,351,274**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C07K 14/435**  
[25] EN  
[54] **ISOLATED COCOON SILK PROTEIN FROM SIMULIUM VITTATUM AND NUCLEIC ACIDS ENCODING SUCH PROTEIN**  
[54] **PROTEINE ISOLEE DE SOIE DE COCON DE SIMULIUM VITTATUM ET ACIDES NUCLEIQUES ENCODANT UNE TELLE PROTEINE**  
[72] BIDOCHKA, MICHAEL J., CA  
[72] HUNTER, FIONA F., CA  
[71] BIDOCHKA, MICHAEL J., CA  
[71] HUNTER, FIONA F., CA  
[22] 2001-06-28  
[43] 2001-12-29  
[30] US (60/214,992) 2000-06-29

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[21] **2,351,276**  
[13] A1

[51] **Int.Cl. 7A23L 1/187 7A23L 1/10 7A23C 9/16 7A21D 2/18 7A23L 2/395 7A23L 1/40**  
[25] EN  
[54] **AGGLOMERATED STARCH-BASED PRODUCT FOR FOOD PREPARATIONS**  
[54] **PRODUIT AGGLOMERE A BASE D'AMIDON POUR DES PREPARATIONS ALIMENTAIRES**  
[72] DE CONINCK, VALERE LEOPOLD MARIE PIERRE, BE  
[71] CERESTAR HOLDING B.V., NL  
[22] 2001-06-22  
[43] 2001-12-24  
[30] GB (0015417.9) 2000-06-24

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[21] **2,351,279**  
[13] A1

[51] **Int.Cl. 7H01M 8/04**  
[25] EN  
[54] **FUEL CELL GAS SENSORS**  
[54] **DETECTEURS DE GAZ DE PILES A COMBUSTIBLE**  
[72] ULKEM, ILHAN, CA  
[71] ULKEM, ILHAN, CA  
[22] 2001-06-22  
[43] 2001-12-23  
[30] CA (2,312,259) 2000-06-23

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[21] **2,351,280**  
[13] A1

[51] **Int.Cl. 7B65G 69/00**  
[25] EN  
[54] **MINIBULK, DRY ANIMAL FEED DELIVERY SYSTEM**  
[54] **SYSTEME DE DISTRIBUTION EN FAIBLE QUANTITE D'ALIMENTS SECS EN VRAC DESTINES AUX ANIMAUX**  
[72] JACKSON, TIMOTHY, US  
[72] WALKER, CANDICE, US  
[72] HARDISON, FRED L., US  
[72] WILTSE, ROBERT, US  
[72] BLACKMON, DONALD, US  
[72] PIKE, KEITH E., US  
[71] PURINA MILLS, INC., US  
[22] 2001-06-26  
[43] 2001-12-26  
[30] US (60/213,920) 2000-06-26

**Demandes canadiennes mises à la disponibilité du public**  
**23 decembre 2001 - 29 decembre 2001**

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[21] **2,351,282**  
[13] A1

[51] **Int.Cl. 7A22C 9/00**  
[25] EN  
[54] **NEEDLE FOR FOOD ITEM INJECTION AND METHOD OF MAKING THE SAME**  
[54] **AIGUILLE POUR L'INJECTION DE SUBSTANCES DANS DES ALIMENTS ET METHODE DE FABRICATION**  
[72] POPE, RICHARD D., US  
[71] CARGILL, INCORPORATED, US  
[22] 2001-06-22  
[43] 2001-12-28  
[30] US (09/605,156) 2000-06-28

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[21] **2,351,292**  
[13] A1

[51] **Int.Cl. 7B23K 31/02**  
[25] EN  
[54] **METHOD OF REPAIRING METALLIC COMPONENTS**  
[54] **METHODE DE REPARATION DE COMPOSANTS METALLIQUES**  
[72] MEIER, REINHOLD, DE  
[71] DAIMLERCHRYSLER AG, DE  
[22] 2001-06-22  
[43] 2001-12-23  
[30] DE (100 30 776.0) 2000-06-23

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[21] **2,351,305**  
[13] A1

[51] **Int.Cl. 7A61M 25/06**  
[25] EN  
[54] **A METHOD AND AN APPARATUS FOR VASCULAR ACCESS DEVICES**  
[54] **METHODE ET APPAREIL D'ACCES VASCULAIRE**  
[72] KAFRAWY, ADEL, US  
[72] ONWUMERE, FIDELIS C., US  
[72] KOVALIC, GERALD J., US  
[72] SOLOMON, DONALD D., US  
[71] ETHICON, INC., US  
[22] 2001-06-26  
[43] 2001-12-28  
[30] US (09/605,772) 2000-06-28

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[21] **2,351,285**  
[13] A1

[51] **Int.Cl. 7B81C 1/00 7B81B 3/00**  
[25] EN  
[54] **PRODUCTION OF DIAPHRAGMS FABRICATION DE MEMBRANES**  
[72] PROCHASKA, ANDRZEJ, PL  
[72] MITCHELL, S. J. NEIL, GB  
[72] FITZGERALD, STEPHEN PETER, GB  
[72] GAMBLE, HAROLD S., GB  
[71] RANDOX LABORATORIES LTD., GB  
[22] 2001-06-21  
[43] 2001-12-23  
[30] GB (0015500.2) 2000-06-23

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[21] **2,351,294**  
[13] A1

[51] **Int.Cl. 7B64D 13/02 7F24F 13/08**  
[25] EN  
[54] **AIRPLANE CABIN OVERHEAD AIR OUTLETS**  
[54] **ORIFICES DE VENTILATION DE CABINE D'AVION MONTES AU PLAFOND**  
[72] SITLER, GLENN, US  
[72] BATES, GEORGE III, US  
[72] KEOGH, RORY C., US  
[71] THE BOEING COMPANY, US  
[22] 2001-06-22  
[43] 2001-12-28  
[30] US (09/607,503) 2000-06-28

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[21] **2,351,444**  
[13] A1

[51] **Int.Cl. 7A47G 1/04**  
[25] EN  
[54] **MULTIPLE USE MIRROR ASSEMBLY**  
[54] **ENSEMBLE DE MIROIR A USAGES MULTIPLES**  
[72] BELL, SUSAN D., US  
[71] GOODY PRODUCTS, INC., US  
[22] 2001-06-23  
[43] 2001-12-23  
[30] US (09/602,504) 2000-06-23

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[21] **2,351,291**  
[13] A1

[51] **Int.Cl. 7H04L 29/02 7H04L 12/54**  
[25] EN  
[54] **DATA EXCHANGE METHOD AND COMMUNICATION PROTOCOL USED DURING SAME**  
[54] **METHODE D'ECHANGE DE DONNEES ET PROTOCOLE DE COMMUNICATION UTILISE DURANT L'ECHANGE**  
[72] SMOLARSKI-KOFF, NADINE, CA  
[72] SHAWKY, MARCUS MOHAMED, FR  
[72] KOFF, DAVID A., CA  
[71] SMOLARSKI-KOFF, NADINE, CA  
[71] SHAWKY, MARCUS MOHAMED, FR  
[71] KOFF, DAVID A., CA  
[22] 2001-06-22  
[43] 2001-12-26  
[30] US (60/213,994) 2000-06-26

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[21] **2,351,300**  
[13] A1

[51] **Int.Cl. 7F16K 15/00 7F16K 15/14**  
[25] EN  
[54] **MEDIUM CRACKING PRESSURE VALVE ARRANGEMENT**  
[54] **SOUPAPES COMBINEES A PRESSION D'OUVERTURE MOYENNE**  
[72] JEDWAB, MICHAEL, CH  
[72] LARRAIN, IGNACIO, CH  
[71] SOCIETE DES PRODUITS NESTLE S.A., CH  
[22] 2001-06-26  
[43] 2001-12-29  
[30] EP (00 113 777.7) 2000-06-29

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[21] **2,351,453**  
[13] A1

[51] **Int.Cl. 7H01M 2/16 7H01M 8/10**  
[25] EN  
[54] **FUEL CELL SEPARATOR AND POLYMER ELECTROLYTE FUEL CELL**  
[54] **SEPARATEUR DE PILES A COMBUSTIBLE ET PILES A COMBUSTIBLE A ELECTROLYTE POLYMERIQUE**  
[72] HAGIWARA, ATSUSHI, JP  
[72] SAITO, KAZUO, JP  
[72] BANNO, KOJI, JP  
[72] HORIUCHI, AYUMI, JP  
[71] NISSHINBO INDUSTRIES, INC., JP  
[22] 2001-06-22  
[43] 2001-12-23  
[30] JP (2000-188760) 2000-06-23

**Canadian Laid-Open Applications  
December 23, 2001 - December 29, 2001**

[21] **2,351,460**  
[13] A1

[51] **Int.Cl. 7B23Q 11/10**  
[25] EN  
[54] **METHOD AND APPARATUS FOR SUPPLYING LUBRICANT**  
[54] **METHODE ET DISPOSITIF DE LUBRIFICATION**  
[72] NUKUI, MITSURU, JP  
[71] NIPPEI TOYAMA CORPORATION, JP  
[22] 2001-06-22  
[43] 2001-12-23  
[30] JP (2000-189878) 2000-06-23

[21] **2,351,496**  
[13] A1

[51] **Int.Cl. 7A47B 43/00 7A47F 5/10**  
[25] FR  
[54] **PRESENTOIR DE MARCHANDISES**  
[54] **PRODUCT DISPLAY STAND**  
[72] LARBALETIER, ROBERT, FR  
[71] LARBALETIER S.A., FR  
[22] 2001-06-21  
[43] 2001-12-27  
[30] FR (00 08257) 2000-06-27

[21] **2,351,569**  
[13] A1

[51] **Int.Cl. 7B65H 75/14 7F21S 4/00 7F21V 27/00**  
[25] EN  
[54] **ICICLE LIGHTSTRING WINDING DEVICE**  
[54] **DISPOSITIF D'ENROULEMENT DE JEUX D'AMPOULES EN GLACONS**  
[72] BISSETT, KEVIN J., US  
[71] BISSETT, KEVIN J., US  
[22] 2001-06-26  
[43] 2001-12-26  
[30] US (09/603,383) 2000-06-26

[21] **2,351,572**  
[13] A1

[51] **Int.Cl. 7G08C 17/00 7B60C 23/00 7G08C 19/00**  
[25] EN  
[54] **SYSTEM FOR DETECTING AND COMMUNICATING OPERATIONAL CHARACTERISTICS OF TIRES TELECOMMUNICATIONALLY AND A METHOD THEREFOR**  
[54] **SYSTEME ET METHODE DE DETECTION ET DE COMMUNICATION A DISTANCE DE CARACTERISTIQUES OPERATIONNELLES DE PNEUS**  
[72] HAKANEN, JUKKA, FI  
[72] LAITSAARI, JUHA, FI  
[71] NOKIAN TYRES PLC, FI  
[22] 2001-06-26  
[43] 2001-12-26  
[30] US (09/603,996) 2000-06-26  
[30] US (09/846,388) 2001-05-02  
[30] US (09/881,758) 2001-06-18

[21] **2,351,595**  
[13] A1

[51] **Int.Cl. 7H04L 12/16 7G06F 17/60**  
[25] EN  
[54] **SYSTEM AND METHOD FOR MANAGING AND EVALUATING NETWORK COMMODITIES PURCHASING**  
[54] **SYSTEME ET METHODE DE GESTION ET D'EVALUATION D'ACHAT DE PRODUITS SUR RESEAU**  
[72] HANSEN, VALERIE, US  
[71] PROBUILD, INC., US  
[22] 2001-06-26  
[43] 2001-12-28  
[30] US (09/607,502) 2000-06-28

[21] **2,351,599**  
[13] A1

[51] **Int.Cl. 7H03M 13/23**  
[25] EN  
[54] **PARALLEL PUNCTURED CONVOLUTIONAL ENCODER**  
[54] **CODEUR CONVOLUTIONNEL A CODE DISCONTINU PARALLELE**  
[72] TANG, BENJAMIN, US  
[71] TRW INC., US  
[22] 2001-06-26  
[43] 2001-12-28  
[30] US (09/605,470) 2000-06-28

[21] **2,351,602**  
[13] A1

[51] **Int.Cl. 7G08C 19/00 7G08C 17/00 7B60K 23/00**  
[25] EN  
[54] **SYSTEM AND METHOD FOR CONVERTING AND COMMUNICATION OPERATIONAL CHARACTERISTICS OF TIRES**  
[54] **SYSTEME ET METHODE DE CONVERSION ET DE COMMUNICATION DE CARACTERISTIQUES OPERATIONNELLES DE PNEUS**  
[72] LAITSAARI, JUHA, FI  
[72] HAKANEN, JUKKA, FI  
[71] NOKIAN TYRES PLC, FI  
[22] 2001-06-26  
[43] 2001-12-26  
[30] US (09/603,996) 2000-06-26  
[30] US (09/846,388) 2001-05-02  
[30] US (09/881,758) 2001-06-18

[21] **2,351,654**  
[13] A1

[51] **Int.Cl. 7B66B 1/14 7H01H 9/02**  
[25] EN  
[54] **CALL TRANSMITTER FOR THE INPUT OF CONTROL COMMANDS, PARTICULARLY FOR A LIFT INSTALLATION**  
[54] **EMETTEUR D'APPELS SERVANT A DONNER DES INSTRUCTIONS DE COMMANDE, PARTICULIEREMENT POUR UNE INSTALLATION DE LEVAGE**  
[72] FELDER, HUGO, CH  
[71] INVENTIO AG, CH  
[22] 2001-06-26  
[43] 2001-12-26  
[30] EP (00810562.9) 2000-06-26

**Demandes canadiennes mises à la disponibilité du public**  
**23 decembre 2001 - 29 decembre 2001**

[21] **2,351,702**  
[13] A1

[51] **Int.Cl. 7H04B 7/005**  
[25] EN  
[54] **UPLINK POWER CONTROL SYSTEM FOR SATELLITE COMMUNICATION SYSTEM EMPLOYING ON-BOARD SATELLITE PROCESSING AND FADE ESTIMATION**  
[54] **SYSTEME DE COMMANDE DE PUISSANCE SUR TRAJET MONTANT POUR RESEAU DE TELECOMMUNICATIONS PAR SATELLITE UTILISANT L'ESTIMATION DE L'EVANOUISSEMENT ET LE TRAITEMENT A BORD DU SATELLITE**  
[72] DAI, JERRY, US  
[72] KAY, STAN, US  
[72] ANTIA, YEZDI, US  
[72] SHI, ZHEN-LIANG, US  
[72] KHAN, ANWER, US  
[72] ZAKARIA, GAGUK, US  
[71] HUGHES ELECTRONICS CORPORATION, US  
[22] 2001-06-26  
[43] 2001-12-26  
[30] US (60/214,165) 2000-06-26

[21] **2,351,742**  
[13] A1

[51] **Int.Cl. 7G06F 17/60 7H04L 12/16**  
[25] EN  
[54] **METHOD AND SYSTEM FOR OBTAINING CONSUMER TRANSACTION INFORMATION**  
[54] **METHODE ET SYSTEME D'OBTENTION DE RENSEIGNEMENTS SUR LES TRANSACTIONS DES CONSOMMATEURS**  
[72] PEARCE, ANEYSHA, US  
[72] KRUGER, BENJAMIN, US  
[72] BRENNAN, TIMOTHY CHARLES III, US  
[71] SWITCHBOARD INCORPORATED, US  
[22] 2001-06-26  
[43] 2001-12-23  
[30] US (60/213,636) 2000-06-23  
[30] US (09/690,194) 2000-10-16

[21] **2,351,743**  
[13] A1

[51] **Int.Cl. 7D21F 7/08**  
[25] EN  
[54] **PAPERMAKING FELT**  
[54] **FEUTRE DE PAPERIE**  
[72] KOBAYASHI, YASUHIKO, JP  
[71] ICHIKAWA CO., LTD., JP  
[22] 2001-06-26  
[43] 2001-12-27  
[30] JP (193473/2000) 2000-06-27

[21] **2,351,744**  
[13] A1

[51] **Int.Cl. 7C21D 9/56**  
[25] EN  
[54] **ROLLS FOR DISPOSING AT ENTRY SIDE OR EXIT SIDE OF QUENCHING ZONE OF CONTINUOUS ANNEALING FURNACE AND QUENCHING ZONE UNIT USING ROLLS**  
[54] **ROULEAUX A DISPOSER DU COTE D'ENTREE OU DU COTE SORTIE DE LA ZONE DE REFROIDISSEMENT D'UN FOUR DE RECUIT CONTINU ET DEVANT SERVIR AU RECUIT DES PIECES**  
[72] IIDA, SACHIHIRO, JP  
[72] SUGANO, TAKAHIRO, JP  
[71] KAWASAKI STEEL CORPORATION, JP  
[22] 2001-06-26  
[43] 2001-12-27  
[30] JP (2000-192378) 2000-06-27

[21] **2,351,746**  
[13] A1

[51] **Int.Cl. 7C01G 28/00 7C01B 7/19**  
[25] EN  
[54] **PROCESS FOR REMOVING ARSENIC COMPOUNDS FROM HYDROGEN FLUORIDE**  
[54] **METHODE POUR ELIMINER LES COMPOSES D'ARSENIC PRESENTS DANS L'ACIDE FLUORHYDRIQUE**  
[72] LAILACH, GUNTER, DE  
[72] BULAN, ANDREAS, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 2001-06-26  
[43] 2001-12-28  
[30] DE (10031566.6) 2000-06-28

[21] **2,351,747**  
[13] A1

[51] **Int.Cl. 7B01D 61/36 7C07C 29/76**  
[25] EN  
[54] **POLYELECTROLYTE COATED PERMEABLE COMPOSITE MATERIAL, ITS PREPARATION AND USE**  
[54] **MATERIAU COMPOSITE PERMEABLE A REVETEMENT POLYELECTROLYTE, PREPARATION ET UTILISATION DUDIT PRODUIT**  
[72] HORPEL, GERHARD, DE  
[72] TOUTIANOUSH, ALI, DE  
[72] HYING, CHRISTIAN, DE  
[72] KRASEMANN, LUTZ, DE  
[72] TIEKE, BERND, DE  
[71] CREA VIS GESELLSCHAFT FUR TECHNOLOGIE UND INNOVATION MBH, DE  
[22] 2001-06-26  
[43] 2001-12-27  
[30] DE (10031281.0) 2000-06-27

[21] **2,351,752**  
[13] A1

[51] **Int.Cl. 7C01B 7/19**  
[25] EN  
[54] **PROCESS FOR PREPARING HYDROGEN FLUORIDE IN A ROTARY TUBE FURNACE**  
[54] **METHODE DE PREPARATION D'ACIDE FLUORHYDRIQUE DANS UN FOUR TUBULAIRE ROTATIF**  
[72] STRABEL, PETER, DE  
[72] ESCH, KLAUS, DE  
[72] BULAN, ANDREAS, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 2001-06-26  
[43] 2001-12-28  
[30] DE (10031562.3) 2000-06-28

[21] **2,351,754**  
[13] A1

[51] **Int.Cl. 7B01J 21/06 7B01J 23/10 7B01D 53/86**  
[25] EN  
[54] **EXHAUST GAS PURIFYING CATALYST**  
[54] **CONVERTISSEUR CATALYTIQUE DES GAZ D'ECHAPPEMENT**  
[72] TANIGUCHI, SHIGEYOSHI, JP  
[72] HORIUCHI, MAKOTO, JP  
[71] ICT CO., LTD., JP  
[71] INTERNATIONAL CATALYST TECHNOLOGY, INC., US  
[22] 2001-06-26  
[43] 2001-12-27  
[30] JP (2000-192934) 2000-06-27

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December 23, 2001 - December 29, 2001

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[21] **2,351,758**  
[13] A1  
[51] **Int.Cl. 7C08L 77/06 7C08L 67/02**  
[25] EN  
[54] **PREPARATION OF POLYESTER RESINS USING A MASTERBATCH OF POLYARYLENEAMIDE**  
[54] **PREPARATION DE RESINE DE POLYESTHER UTILISANT UNE BASE DE MELANGE MAITRE DE POLYARYLENEAMIDE**  
[72] COBROR, SANDRO, IT  
[72] AL GHATTA, HUSSAIN, IT  
[71] SINCO RICERCHES S.P.A., IT  
[22] 2001-06-26  
[43] 2001-12-28  
[30] IT (MI2000A001448) 2000-06-28

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[21] **2,351,768**  
[13] A1  
[51] **Int.Cl. 7A61F 2/08**  
[25] EN  
[54] **METHOD FOR FIXING A GRAFT IN A BONE TUNNEL**  
[54] **METHODE DE FIXATION D'UNE GREFFE DANS UN CANAL OSSEUX**  
[72] WHITTAKER, GREGORY, US  
[72] WENSTRON, RICHARD F., JR., US  
[72] BRUKER, IZI, US  
[72] BOWMAN, STEVEN M., US  
[71] ETHICON, INC., US  
[22] 2001-06-26  
[43] 2001-12-28  
[30] US (09/604,867) 2000-06-28

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[21] **2,351,769**  
[13] A1  
[51] **Int.Cl. 7E21B 33/127 7E21B 33/12**  
[25] EN  
[54] **WELL PACKER**  
[54] **DISPOSITIF D'ETANCHEITE DE TROU DE SONDE**  
[72] NOWLIN, SHAWN EDWARD, US  
[72] DILBERT, HALIT, US  
[71] BAKER HUGHES INCORPORATED, US  
[22] 2001-06-26  
[43] 2001-12-23  
[30] US (09/602,982) 2000-06-23

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[21] **2,351,771**  
[13] A1  
[51] **Int.Cl. 7H04L 12/56**  
[25] EN  
[54] **COMMUNICATIONS NETWORK**  
[54] **RESEAU DE COMMUNICATIONS**  
[72] GIBSON, MARK, GB  
[72] STACEY, DAVE, GB  
[72] MAUGER, ROY, GB  
[71] NORTEL NETWORKS LIMITED, CA  
[22] 2001-06-27  
[43] 2001-12-28  
[30] US (09/606,052) 2000-06-28

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[21] **2,351,772**  
[13] A1  
[51] **Int.Cl. 7G02B 6/12 7H04J 14/02 7G02B 6/34 7G02B 6/35**  
[25] EN  
[54] **ARRAYED WAVEGUIDE GRATING AND MULTIPLEXER/ MULTIPLEXER SYSTEM AND MULTIPLEXER/DEMUTIPLEXER DEVICE USING THEREOF**  
[54] **GUIDE D'ONDES EN RESEAU ET SYSTEME MULTIPLEXEUR/ MULTIPLEXEUR ET DISPOSITIF MULTIPLEXEUR/DEMUTIPLEXEUR UTILISANT CE GUIDE D'ONDES**  
[72] UEDA, TETSUJI, JP  
[71] NEC CORPORATION, JP  
[22] 2001-06-27  
[43] 2001-12-28  
[30] JP (2000-200106) 2000-06-28

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[21] **2,351,774**  
[13] A1  
[51] **Int.Cl. 7H04L 12/56**  
[25] EN  
[54] **COMMUNICATIONS NETWORK**  
[54] **RESEAU DE COMMUNICATIONS**  
[72] MAUGER, ROY, GB  
[72] GIBSON, MARK, GB  
[72] STACEY, DAVE, GB  
[71] NORTEL NETWORKS LIMITED, CA  
[22] 2001-06-27  
[43] 2001-12-28  
[30] US (09/605,237) 2000-06-28

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[21] **2,351,778**  
[13] A1  
[51] **Int.Cl. 7H04J 3/02 7H04L 12/26**  
[25] EN  
[54] **METHOD AND CIRCUIT FOR ALIGNING DATA FLOWS IN TIME DIVISION FRAMES**  
[54] **METHODE ET CIRCUIT D'ALIGNEMENT DES FLUX DE DONNEES DANS DES FENETRES A TEMPS PARTAGE**  
[72] RAZZETTI, LUCA, IT  
[72] TRAVERSO, GIOVANNI, IT  
[72] NOVATI, MARCO, IT  
[71] ALCATEL, FR  
[22] 2001-06-26  
[43] 2001-12-27  
[30] IT (TO 2000A 000 633) 2000-06-27

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[21] **2,351,779**  
[13] A1  
[51] **Int.Cl. 7C08F 216/14**  
[25] EN  
[54] **FLUORINATED IONOMERS**  
[54] **IONOMERES FLUORES**  
[72] ARCELLA, VINCENZO, IT  
[72] APOSTOLO, MARCO, IT  
[72] ABUSLEME, JULIO, IT  
[72] GHIELMI, ALESSANDRO, IT  
[71] AUSIMONT, S.P.A., IT  
[22] 2001-06-26  
[43] 2001-12-23  
[30] IT (MI2000 A 001416) 2000-06-23

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[21] **2,351,782**  
[13] A1  
[51] **Int.Cl. 7A01N 43/38**  
[25] EN  
[54] **GROWTH INHIBITORS AGAINST ALGAE AND MOSS**  
[54] **INHIBITEUR DE CROISSANCE DES ALGUES ET DES MOUSSES**  
[72] TOYODA, HIDEYOSHI, JP  
[72] HARADA, SATOSHI, JP  
[71] KAGOME KABUSHIKI KAISHA, JP  
[22] 2001-06-26  
[43] 2001-12-27  
[30] JP (2000-192591) 2000-06-27

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**23 decembre 2001 - 29 decembre 2001**

[21] **2,351,785**  
[13] A1

[51] **Int.Cl. 7A23G 3/28 7A23G 1/04**  
[25] EN  
[54] **APPARATUS FOR DEPOSITING GRANULAR FOOD PRODUCTS ON MOVING ELEMENTS**  
[54] **APPAREIL POUR DEPOSER DES PRODUITS ALIMENTAIRES GRANULES SUR DES ELEMENTS EN MOUVEMENT**  
[72] ALGIMANTAS, STASYTIS, LT  
[72] STEPONAS, DZIUGYS, LT  
[71] KRAFT FOODS R & D, INC., DE  
[22] 2001-06-26  
[43] 2001-12-27  
[30] EP (00113093.9) 2000-06-27

[21] **2,351,787**  
[13] A1

[51] **Int.Cl. 7A61L 27/24 7A61F 2/04**  
[25] EN  
[54] **COLLAGEN TUBES FOR NERVE REGENERATION**  
[54] **TUBES DE COLLAGENE POUR LA REGENERATION DES NERFS**  
[72] SPECTOR, MYRON, US  
[72] SCHLOSSER, LOTHAR, DE  
[72] GEITLICH, PETER, CH  
[71] ED GEISTLICH SOHNE AG FUR CHEMISCHE INDUSTRIE, CH  
[22] 2001-06-28  
[43] 2001-12-28  
[30] US (60/214,848) 2000-06-28

[21] **2,351,790**  
[13] A1

[51] **Int.Cl. 7H01F 30/06 7H01F 27/24**  
[25] FR  
[54] **MICROCOMPOSANT DU TYPE MICRO-INDUCTANCE OU MICROTRANSFORMATEUR**  
[54] **MICROINDUCTANCE- OR MICROTRANSFORMER-TYPE MICROCOMPONENT**  
[72] FEDELI, JEAN-MARC, FR  
[72] GUILLON, BERTRAND, FR  
[71] MEMSCAP, FR  
[22] 2001-06-28  
[43] 2001-12-29  
[30] FR (00.08413) 2000-06-29

[21] **2,351,792**  
[13] A1

[51] **Int.Cl. 7F23N 5/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR IMPROVED PROCESS CONTROL IN COMBUSTION APPLICATIONS**  
[54] **METHODE ET APPAREIL DE CONTROLE DE PROCESSUS AMELIORE DANS DES APPLICATIONS DE COMBUSTION**  
[72] THOMSON, MURRAY J., CA  
[72] CHANDA, ALAK, CA  
[72] MACKAY, GERVAISE I., CA  
[72] NIKKARI, JASON J., CA  
[71] THOMSON, MURRAY J., CA  
[71] CHANDA, ALAK, CA  
[71] MACKAY, GERVAISE I., CA  
[71] NIKKARI, JASON J., CA  
[22] 2001-06-26  
[43] 2001-12-26  
[30] US (60/214,008) 2000-06-26  
[30] US (60/245,567) 2000-11-06

[21] **2,351,796**  
[13] A1

[51] **Int.Cl. 7A61B 5/15 7G01N 33/66**  
[25] EN  
[54] **SMALL VOLUME IN VITRO ANALYTE SENSOR WITH DIFFUSIBLE OR NON-LEACHABLE REDOX MEDIATOR**  
[54] **CAPTEUR IN VITRO D'UN PETIT VOLUME D'ANALYTE AVEC MILIEU DIFFUSIBLE OU REDOX NON LESSIVABLE**  
[72] MOSES, ALAN CHARLES, US  
[72] BUSE, JOHN BERNARD, US  
[71] THERASENSE, INC., US  
[22] 2001-06-26  
[43] 2001-12-27  
[30] US (09/604,614) 2000-06-27

[21] **2,351,797**  
[13] A1

[51] **Int.Cl. 7A61M 5/158**  
[25] EN  
[54] **A PHOTOLITHOGRAPHIC PROCESS FOR THE FORMATION OF A ONE-PIECE NEEDLE**  
[54] **PROCESSUS PHOTOLITHOGRAPHIQUE POUR LA FABRICATION D'UNE AIGUILLE MONOPIECE**  
[72] KAFRAWY, ADEL, US  
[71] ETHICON, INC., US  
[22] 2001-06-27  
[43] 2001-12-29  
[30] US (09/608,672) 2000-06-29

[21] **2,351,800**  
[13] A1

[51] **Int.Cl. 7A45D 34/00**  
[25] FR  
[54] **DISPOSITIF POUR L'APPLICATION D'UN PRODUIT SUR LES CILS OU LES SOURCILS**  
[54] **DEVICE FOR THE APPLICATION OF A PRODUCT ON THE EYELASHES OR EYEBROWS**  
[72] GUERET, JEAN-LOUIS, FR  
[71] L'OREAL, FR  
[22] 2001-06-27  
[43] 2001-12-28  
[30] FR (00 08 312) 2000-06-28

[21] **2,351,801**  
[13] A1

[51] **Int.Cl. 7A45D 34/00**  
[25] FR  
[54] **DISPOSITIF DE CONDITIONNEMENT ET D'APPLICATION AYANT UNE SURFACE D'APPLICATION ALIMENTEE DE MANIERE PRIVILEGIEE EN PRODUIT**  
[54] **PACKAGING AND APPLICATION DEVICE WITH AN APPLICATION SURFACE SUPPLIED WITH MORE PRODUCT**  
[72] GUERET, JEAN-LOUIS, FR  
[71] L'OREAL, FR  
[22] 2001-06-27  
[43] 2001-12-28  
[30] FR (00 08 311) 2000-06-28

[21] **2,351,803**  
[13] A1

[51] **Int.Cl. 7A45D 34/00**  
[25] FR  
[54] **EMBOUT DE DISTRIBUTION COMPORTANT DEUX PARTIES ASSEMBLEES ET UN REVETEMENT DE FLOCAGE**  
[54] **DISTRIBUTION NOZZLE WITH TWO ASSEMBLED PIECES AND FLOCK SPRAY COATING**  
[72] GUERET, JEAN-LOUIS, FR  
[71] L'OREAL, FR  
[22] 2001-06-27  
[43] 2001-12-28  
[30] FR (00 08 309) 2000-06-28

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[21] **2,351,808**  
[13] A1

[51] **Int.Cl. 7H04J 14/00**  
[25] EN  
[54] **A METHOD AND APPARATUS FOR DEMULTIPLEXING HIGH BIT RATE OPTICAL SIGNALS ON A DENSE WAVELENGTH GRID**  
[54] **METHODE ET APPAREILLAGE POUR DEMULTIPLEXER DES SIGNAUX OPTIQUES A GRAND DEBIT DANS UN RESEAU A LONGUEUR D'ONDE DENSE**  
[72] FARRIES, MARK, GB  
[71] JDS UNIPHASE INC., GB  
[22] 2001-06-26  
[43] 2001-12-26  
[30] US (60/213,988) 2000-06-26

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[21] **2,351,809**  
[13] A1

[51] **Int.Cl. 7H04N 7/173**  
[25] FR  
[54] **DISPOSITIF ET PROCEDE DE COMMUNICATION ENTRE UN SYSTEME DE REPRODUCTION D'INFORMATIONS AUDIOVISUELLES ET UNE MACHINE ELECTRONIQUE DE DIVERTISSEMENT**  
[54] **COMMUNICATION DEVICE AND PROCEDURE BETWEEN AN AUDIOVISUAL REPRODUCTION SYSTEM AND AN ELECTRONIC ENTERTAINMENT DEVICE**  
[72] CHOQUET, ALAIN, CA  
[72] MASTRONARDI, TONY, CA  
[72] NATHAN, GUY, CA  
[71] TOUCHTUNES MUSIC CORPORATION, US  
[22] 2001-06-27  
[43] 2001-12-29  
[30] FR (FR 00 08397) 2000-06-29  
[30] FR (FR 00 11978) 2000-09-18

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[21] **2,351,811**  
[13] A1

[51] **Int.Cl. 7B65H 18/04 7B65H 23/18**  
[25] EN  
[54] **"SMART" BOWED ROLL**  
[54] **ROULEAU CAMBRE INTELLIGENT**  
[72] VANRENS, MARK R., US  
[71] APPLETON INTERNATIONAL, INC., US  
[22] 2001-06-28  
[43] 2001-12-28  
[30] US (60/214,571) 2000-06-28  
[30] US (09/894,246) 2001-06-27

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[21] **2,351,812**  
[13] A1

[51] **Int.Cl. 7H02K 17/00**  
[25] EN  
[54] **ELECTRIC MACHINE USING COMPOSITE BLADE STRUCTURE**  
[54] **MACHINE ELECTRIQUE UTILISANT DES LAMES COMPOSITES**  
[72] JONES, ROBERT M., US  
[71] COMPOSITE MOTORS, INC., US  
[22] 2001-06-27  
[43] 2001-12-28  
[30] US (09/605,157) 2000-06-28

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[21] **2,351,815**  
[13] A1

[51] **Int.Cl. 7B01J 21/06 7B01D 53/56**  
[25] EN  
[54] **EXHAUST GAS PURIFYING CATALYST**  
[54] **CATALYSEUR EPURATEUR DES GAZ D'ECHAPPEMENT**  
[72] YOSHIKAWA, TATSUYA, JP  
[71] ICT CO., LTD., JP  
[71] INTERNATIONAL CATALYST TECHNOLOGY, INC., US  
[22] 2001-06-26  
[43] 2001-12-28  
[30] JP (2000-195143) 2000-06-28

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[21] **2,351,820**  
[13] A1

[51] **Int.Cl. 7H02B 13/00**  
[25] EN  
[54] **RETAINER FOR CIRCUIT BREAKER LEVERAGE ARM**  
[54] **ORGANE DE RETENUE POUR MANETTE DE DISJONCTEUR**  
[72] JACKSON, ROBERT EUGENE, US  
[71] EATON CORPORATION, US  
[22] 2001-06-27  
[43] 2001-12-29  
[30] US (09/607,148) 2000-06-29

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[21] **2,351,831**  
[13] A1

[51] **Int.Cl. 7H04N 7/173 7H04L 9/32**  
[25] FR  
[54] **PROCEDE DE DISTRIBUTION D'INFORMATIONS AUDIOVISUELLES ET SYSTEME DE DISTRIBUTION D'INFORMATIONS AUDIOVISUELLES**  
[54] **AUDIOVISUAL INFORMATION DISTRIBUTION SYSTEM AND PROCESS**  
[72] NATHAN, GUY, CA  
[71] TOUCHTUNES MUSIC CORPORATION, US  
[22] 2001-06-27  
[43] 2001-12-29  
[30] FR (FR 00 08394) 2000-06-29

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[21] **2,351,824**  
[13] A1

[51] **Int.Cl. 7G07F 19/00 7G06F 17/60**  
[25] EN  
[54] **ELECTRONIC PURCHASING SYSTEM AND METHOD**  
[54] **SYSTEME ET METHODE D'ACHATS ELECTRONIQUES**  
[72] CARMICHAEL, DONALD F., CA  
[72] BOUTILIER, ANNETTE P., CA  
[72] HILLIER, BRIAN M., CA  
[72] CARMICHAEL, CARLA S., CA  
[71] 3044105 NOVA SCOTIA LIMITED, CA  
[22] 2001-06-27  
[43] 2001-12-29  
[30] US (60/214,735) 2000-06-29

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[21] **2,351,830**  
[13] A1

[51] **Int.Cl. 7C21D 9/46**  
[25] EN  
[54] **HIGH STRENGTH STEEL PLATE HAVING IMPROVED WORKABILITY AND PLATING ADHESION AND PROCESS FOR PRODUCING THE SAME**  
[54] **PLAQUE D'ACIER A HAUTE RESISTANCE AVEC APTITUDE AU FACONNAGE ET ADHERENCE DE PLACAGE AMELIOREES ET PROCEDE CONNEXE**  
[72] SUEHIRO, MASAYOSHI, JP  
[72] MURAKAMI, HIDEKUNI, JP  
[72] TAKADA, YOSHIHISA, JP  
[71] NIPPON STEEL CORPORATION, JP  
[22] 2001-06-28  
[43] 2001-12-29  
[30] JP (2000-196753) 2000-06-29

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[21] **2,351,831**  
[13] A1

[51] **Int.Cl. 7H04N 7/173 7H04L 9/32**  
[25] FR  
[54] **PROCEDE DE DISTRIBUTION D'INFORMATIONS AUDIOVISUELLES ET SYSTEME DE DISTRIBUTION D'INFORMATIONS AUDIOVISUELLES**  
[54] **AUDIOVISUAL INFORMATION DISTRIBUTION SYSTEM AND PROCESS**  
[72] NATHAN, GUY, CA  
[71] TOUCHTUNES MUSIC CORPORATION, US  
[22] 2001-06-27  
[43] 2001-12-29  
[30] FR (FR 00 08394) 2000-06-29

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**Demandes canadiennes mises à la disponibilité du public**  
**23 decembre 2001 - 29 decembre 2001**

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[21] **2,351,832**  
[13] A1

[51] **Int.Cl. 7G01N 1/22**  
[25] FR  
[54] **DISPOSITIF DE TRANSPORT POUR ANALYSER DES CONSTITUANTS HYDROCARBONES**  
[54] **TRANSPORT DEVICE FOR ANALYSING HYDROCARBON CONSTITUENTS**  
[72] DEWIMILLE, BERNARD, FR  
[72] DURIEZ, GILBERT, FR  
[71] INSTITUT FRANCAIS DU PETROLE, FR  
[22] 2001-06-27  
[43] 2001-12-28  
[30] FR (00/08445) 2000-06-28

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[21] **2,351,833**  
[13] A1

[51] **Int.Cl. 7C07C 219/24 7A61P 25/00 7C07D 295/096 7C07C 271/12 7A61K 31/138 7C07D 295/155 7A61K 31/22 7A61K 31/27 7C07C 323/36 7C07D 213/38 7A61K 31/40 7A61K 31/4406 7A61K 31/4439 7A61K 31/455 7C07C 217/52 7A61K 31/5375 7C07D 213/65 7C07D 213/70 7C07D 213/80**  
[25] FR  
[54] **NOUVEAUX COMPOSES CYCLOPROPANQUES, 1,1 ET 1,2-DISUBSTITUES, LEUR PROCEDE DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT**  
[54] **NEW CYCLOPROPANIC COMPOUNDS, 1,1 AND 1,2-DISUBSTITUTE, THEIR PREPARATION PROCESS AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM**  
[72] CHARTON, YVES, FR  
[72] GUILLONNEAU, CLAUDE, FR  
[72] LOCKHART, BRIAN, FR  
[72] GOLDSTEIN, SOLO, FR  
[72] LESTAGE, PIERRE, FR  
[71] ADIR ET COMPAGNIE, FR  
[22] 2001-06-27  
[43] 2001-12-27  
[30] FR (00/08203) 2000-06-27

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[21] **2,351,836**  
[13] A1

[51] **Int.Cl. 7C07H 7/033 7C07H 15/12 7A61P 17/16 7A61K 7/48 7A61K 31/7008 7A61K 31/739**  
[25] EN  
[54] **GLYCOSPHINGOLIPID**  
[54] **GLYCOSPHINGOLIPIDE**  
[72] KAWAHARA, KAZUYOSHI, JP  
[72] MURATA, KATSUMI, JP  
[71] THE KITASATO INSTITUTE, JP  
[71] KIBUN FOOD CHEMIFA CO., LTD., JP  
[22] 2001-06-28  
[43] 2001-12-29  
[30] JP (196204/2000) 2000-06-29

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[21] **2,351,845**  
[13] A1

[51] **Int.Cl. 7H04N 7/01 7H04N 5/44**  
[25] EN  
[54] **VIDEO SIGNAL REPRODUCTION APPARATUS**  
[54] **APPAREIL DE REPRODUCTION DE SIGNAUX VIDEO**  
[72] ITANI, TETSUYA, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[22] 2001-06-28  
[43] 2001-12-29  
[30] JP (200-196084) 2000-06-29

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[21] **2,351,851**  
[13] A1

[51] **Int.Cl. 7F25B 41/00**  
[25] EN  
[54] **COMPRESSION SYSTEM FOR CRYOGENIC REFRIGERATION WITH MULTICOMPONENT REFRIGERANT**  
[54] **INSTALLATION A COMPRESSION POUR LA REFRIGERATION CRYOGENIQUE AVEC REFRIGERANT A MULTICOMPOSANTS**  
[72] ARMAN, BAYRAM, US  
[72] BONAQUIST, DANTE PATRICK, US  
[71] PRAXAIR TECHNOLOGY, INC., US  
[22] 2001-06-28  
[43] 2001-12-29  
[30] US (09/606,088) 2000-06-29

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[21] **2,351,858**  
[13] A1

[51] **Int.Cl. 7C08F 216/12**  
[25] EN  
[54] **POLYMERIZATION PROCESS OF SULPHONIC MONOMERS**  
[54] **PROCEDE DE POLYMERISATION DE MONOMERES SULFONIQUES**  
[72] ARCELLA, VINCENZO, IT  
[72] APOSTOLO, MARCO, IT  
[71] AUSIMONT S.P.A., IT  
[22] 2001-06-26  
[43] 2001-12-23  
[30] IT (MI2000 A 001417) 2000-06-23

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[21] **2,351,862**  
[13] A1

[51] **Int.Cl. 7F25B 41/00**  
[25] EN  
[54] **FOOD FREEZING METHOD USING A MULTICOMPONENT REFRIGERANT**  
[54] **METHODE DE CONGELATION DES ALIMENTS UTILISANT UN FRIGORIGENE A COMPOSANTS MULTIPLES**  
[72] NOVAK, RICHARD A., US  
[72] LANG, GARY D., US  
[72] ARMAN, BAYRAM, US  
[72] WONG, KENNETH KAI, US  
[72] ACHARYA, ARUN, US  
[72] ROYAL, JOHN HENRY, US  
[71] PRAXAIR TECHNOLOGY, INC., US  
[22] 2001-06-27  
[43] 2001-12-28  
[30] US (09/605,472) 2000-06-28

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[21] **2,351,864**  
[13] A1

[51] **Int.Cl. 7F25J 3/02**  
[25] EN  
[54] **CRYOGENIC RECTIFICATION SYSTEM WITH PULSE TUBE REFRIGERATION**  
[54] **SYSTEME DE RECTIFICATION CRYOGENIQUE AVEC REFRIGERATION PAR TUBE A PULSION**  
[72] ROYAL, JOHN HENRI, US  
[72] ACHARYA, ARUN, US  
[72] GOTZMANN, CHRISTIAN FRIEDRICH, US  
[72] BONAQUIST, DANTE PATRICK, US  
[72] WEBER, JOSEPH ALFRED, US  
[72] ARMAN, BAYRAM, US  
[71] PRAXAIR TECHNOLOGY, INC., US  
[22] 2001-06-27  
[43] 2001-12-28  
[30] US (09/604,912) 2000-06-28



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December 23, 2001 - December 29, 2001

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[21] **2,351,867**  
[13] A1  
[51] **Int.Cl. 7C01B 3/38**  
[25] EN  
[54] **A GAS REFORMER FOR RECOVERY OF HYDROGEN**  
[54] **REFORMEUR DE GAZ POUR LA RECUPERATION D'HYDROGENE**  
[72] SEKI, TSUTOMU, JP  
[72] UTSUNOMIYA, TAKESHI, JP  
[72] OKU, MANABU, JP  
[72] KAWATANI, KOUICHI, JP  
[71] NISSHIN STEEL CO., LTD., JP  
[71] TOKYO GAS CO., LTD., JP  
[22] 2001-06-26  
[43] 2001-12-27  
[30] JP (2000-192046) 2000-06-27  
[30] JP (2000-192047) 2000-06-27

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[21] **2,351,869**  
[13] A1  
[51] **Int.Cl. 7G06F 17/00**  
[25] EN  
[54] **ELECTRONIC DOCUMENT CLASSIFICATION SYSTEM**  
[54] **SYSTEME DE CLASSEMENT DE DOCUMENTS ELECTRONIQUES**  
[72] HARA, YOSHINOBU, JP  
[72] UCHIDA, JIYUNJI, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2001-06-28  
[43] 2001-12-29  
[30] JP (2000-195924) 2000-06-29

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[21] **2,351,871**  
[13] A1  
[51] **Int.Cl. 7H01M 8/08**  
[25] EN  
[54] **LIQUID REACTANT FLOW FIELD PLATES FOR LIQUID FEED FUEL CELLS**  
[54] **PLAQUES DE CHAMP CANNELES POUR PILES A COMBUSTIBLE LIQUIDE**  
[72] ZIMMERMAN, JOERG, CA  
[72] COLBOW, KEVIN M., CA  
[72] GIBB, PETER R., CA  
[72] VANDERLEEDEN, OLEN R., CA  
[71] BALLARD POWER SYSTEMS INC., CA  
[22] 2001-06-28  
[43] 2001-12-29  
[30] US (09/606,603) 2000-06-29

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[21] **2,351,873**  
[13] A1  
[51] **Int.Cl. 7C01B 3/34**  
[25] EN  
[54] **A DEVICE FOR RECOVERY OF HYDROGEN**  
[54] **DISPOSITIF POUR LA RECUPERATION D'HYDROGENE**  
[72] KAWATANI, KOUICHI, JP  
[72] OKU, MANABU, JP  
[72] UTSUNOMIYA, TAKESHI, JP  
[72] SEKI, TSUTOMU, JP  
[71] TOKYO GAS CO., LTD., JP  
[71] NISSHIN STEEL CO., LTD., JP  
[22] 2001-06-26  
[43] 2001-12-27  
[30] JP (2000-192048) 2000-06-27  
[30] JP (2000-192049) 2000-06-27

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[21] **2,351,875**  
[13] A1  
[51] **Int.Cl. 7B65B 13/32**  
[25] EN  
[54] **BANDING PACKING-MACHINE**  
[54] **CERCLEUSE-EMBALLUSE**  
[72] ENDA, KENICHI, JP  
[72] AIZAWA, YOSIKATSU, JP  
[72] SHIBAZAKI, TOKIO, JP  
[72] MEGURO, TADASHI, JP  
[71] STRAPACK CORPORATION, JP  
[22] 2001-06-29  
[43] 2001-12-29  
[30] JP (2000-196676) 2000-06-29

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[21] **2,351,878**  
[13] A1  
[51] **Int.Cl. 7H04L 12/56 7H04L 12/46**  
[25] EN  
[54] **COMMUNICATIONS NETWORK**  
[54] **RESEAU DE COMMUNICATIONS**  
[72] GIBSON, MARK, GB  
[72] STACEY, DAVE, GB  
[72] MAUGER, ROY, GB  
[71] NORTEL NETWORKS LIMITED, CA  
[22] 2001-06-28  
[43] 2001-12-28  
[30] US (09/605,236) 2000-06-28

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[21] **2,351,897**  
[13] A1  
[51] **Int.Cl. 7A61K 31/437 7A61P 3/04 7A61K 38/05 7A61K 31/438 7A61K 31/4985 7A61K 31/55**  
[25] EN  
[54] **USE OF GROWTH HORMONE SECRETAGOGUES FOR TREATMENT OF PHYSICAL PERFORMANCE DECLINE**  
[54] **UTILISATION DE SECRETAGOGUES D'HORMONE DE CROISSANCE POUR LE TRAITEMENT DE LA PERTE DE PERFORMANCE PHYSIQUE**  
[72] MACLEAN, DAVID BURTON, US  
[72] LANDSCHULZ, WILLIAM HARRAS, US  
[71] PFIZER PRODUCTS INC., US  
[22] 2001-06-27  
[43] 2001-12-29  
[30] US (60/214,980) 2000-06-29

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[21] **2,351,900**  
[13] A1  
[51] **Int.Cl. 7A47G 23/06**  
[25] EN  
[54] **STACKABLE FOOD TRAY WITH CONDIMENT COMPARTMENT**  
[54] **PLATEAU ALIMENTAIRE EMPILABLE AVEC COMPARTIMENT A CONDIMENTS**  
[72] CAI, LIMING, US  
[72] EISMAN, LARRY, US  
[71] DOPACO, INC., US  
[22] 2001-06-27  
[43] 2001-12-28  
[30] US (60/214,438) 2000-06-28

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**23 decembre 2001 - 29 decembre 2001**

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[21] **2,351,902**  
[13] A1

[51] **Int.Cl. 7A61K 31/437 7A61P 3/04 7A61K 38/05 7A61K 31/438 7A61K 31/4985 7A61K 31/55**  
[25] EN  
[54] **USE OF GROWTH HORMONE SECRETAGOGUES FOR STIMULATING OR INCREASING APPETITE**  
[54] **UTILISATION DE SECRETAGOGUES D'HORMONE DE CROISSANCE POUR STIMULER OU AUGMENTER L'APPETIT**  
[72] FRIEDMAN, HYLAR LEWIS, US  
[72] PAN, LYDIA CODETTA, US  
[72] LANDSCHULZ, WILLIAM HARRAS, US  
[72] GARDNER, MARK JAMES, US  
[71] PFIZER PRODUCTS INC., US  
[22] 2001-06-27  
[43] 2001-12-29  
[30] US (60/214,979) 2000-06-29

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[21] **2,351,904**  
[13] A1

[51] **Int.Cl. 7C12N 15/55 7C07K 7/08 7C12N 9/16 7C07K 16/40 7G01N 33/573**  
[25] EN  
[54] **TARGET**  
[54] **CIBLE**  
[72] RIDDEN, JOHN, GB  
[72] PHILLIPS, STEPHEN CHARLES, GB  
[72] PARUMS, DINAH, GB  
[71] PFIZER INC., US  
[22] 2001-06-27  
[43] 2001-12-29  
[30] GB (0016009.3) 2000-06-29

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[21] **2,351,913**  
[13] A1

[51] **Int.Cl. 7C12P 41/00 7C12P 7/18**  
[25] EN  
[54] **PROCESS FOR PREPARATION OF OPTICALLY ACTIVE 1,2-DIOLS BY CULTIVATING MICROORGANISMS**  
[54] **SYNTHESE DE COMPOSES 1,2-DIOLS OPTIQUEMENT ACTIFS PAR LA CULTURE DE MICRO-ORGANISMES**  
[72] IDOGAKI, HIDEAKI, JP  
[72] NAKAGAWA, ATSUSHI, JP  
[72] SUZUKI, TOSHIO, JP  
[71] DAISO CO., LTD., JP  
[22] 2001-06-27  
[43] 2001-12-28  
[30] JP (194316/2000) 2000-06-28

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[21] **2,351,914**  
[13] A1

[51] **Int.Cl. 7A01G 23/08**  
[25] EN  
[54] **AUTOMATIC FELLER/BUNCHER CLAMP CONTROL**  
[54] **CONTROLEUR AUTOMATIQUE DE PRESSEUR D'ABATTEUSE-EMPILEUSE**  
[72] RISTOLAINEN, MIKKO J., CA  
[71] TIMBERJACK INC., CA  
[22] 2001-06-28  
[43] 2001-12-29  
[30] US (60/215,002) 2000-06-29

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[21] **2,351,915**  
[13] A1

[51] **Int.Cl. 7B60T 15/36**  
[25] EN  
[54] **APPARATUS AND METHOD FOR PNEUMATICALLY CONTROLLED GRADUATED BRAKE PRESSURE RELEASE FOR FREIGHT TRAIN BRAKE SYSTEM**  
[54] **APPAREIL ET METHODE A COMMANDE PNEUMATIQUE POUR LA LIBERATION GRADUELLE DE LA PRESSION DE FREINAGE DES SYSTEMES DE FREINS DES TRAINS DE MARCHANDISE**  
[72] HART, JAMES E., US  
[72] ENGLE, THOMAS, US  
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US  
[22] 2001-06-28  
[43] 2001-12-28  
[30] US (60/214,511) 2000-06-28

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[21] **2,351,918**  
[13] A1

[51] **Int.Cl. 7F22B 7/02 7F23D 14/58**  
[25] EN  
[54] **WATER HEATER, STEAM GENERATOR AND GAS BURNER THEREFOR**  
[54] **CHAUFFE-EAU, GENERATEUR DE VAPEUR ET BRULEUR A GAZ CONNEXE**  
[72] WONG, TAI LOI, CN  
[71] WONG, TAI LOI, CN  
[22] 2001-06-27  
[43] 2001-12-28  
[30] CN (00117220.4) 2000-06-28  
[30] CN (00228687.4) 2000-06-28

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[21] **2,351,919**  
[13] A1

[51] **Int.Cl. 7B28B 21/92**  
[25] EN  
[54] **INSTALLATION FOR HARDENING TUBULAR CONCRETE WORKPIECES**  
[54] **INSTALLATION POUR LE DURCISSEMENT DE PIECES TUBULAIRES EN BETON**  
[72] SCHLUSSELBAUER, JOHANN, AT  
[71] SCHLUSSELBAUER, JOHANN, AT  
[22] 2001-06-27  
[43] 2001-12-28  
[30] AT (A 1102/2000) 2000-06-28

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[21] **2,351,921**  
[13] A1

[51] **Int.Cl. 7A61M 5/158**  
[25] EN  
[54] **ONE-PIECE NEEDLE**  
[54] **AIGUILLE MONOPIECE**  
[72] ONWUMERE, FIDELIS C., US  
[72] KAFRAWY, ADEL, US  
[72] SCHMIDT, PHILIP, US  
[71] ETHICON, INC., US  
[22] 2001-06-27  
[43] 2001-12-29  
[30] US (09/608,673) 2000-06-29

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[21] **2,351,925**  
[13] A1

[51] **Int.Cl. 7A61K 7/02 7A61K 7/043 7A61K 7/06**  
[25] EN  
[54] **CLEANSING COMPOSITIONS**  
[54] **COMPOSES DE DEMAQUILLAGE**  
[72] LUKENBACH, ELVIN R., US  
[72] KAMINSKI, CLAUDIA, US  
[72] PASCAL-SUISSE, SANDRINE, FR  
[72] TAHAR, MAURICE, FR  
[71] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US  
[22] 2001-06-27  
[43] 2001-12-27  
[30] US (09/604,449) 2000-06-27

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[21] **2,351,930**  
[13] A1

[51] **Int.Cl. 7A61M 5/158**  
[25] EN  
[54] **ONE-PIECE NEEDLE**  
[54] **AIGUILLE MONOPIECE**  
[72] SCHMIDT, PHILIP, US  
[72] KAFRAWY, ADEL, US  
[71] ETHICON, INC., US  
[22] 2001-06-27  
[43] 2001-12-29  
[30] US (09/608,671) 2000-06-29

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[21] **2,351,933**  
[13] A1

[51] **Int.Cl. 7F16N 7/38**  
[25] EN  
[54] **SUMP ARRANGEMENT HAVING A FILTER WITH STANDOFFS PROVIDED TO MAINTAIN FLOW CHANNELS**  
[54] **CARTER MUNI D'UN FILTRE ET D'ENTRETOISES POUR MAINTENIR L'ECARTEMENT DES PASSAGES D'HUILE**  
[72] LEE, BRIAN THOMAS, US  
[71] DANA CORPORATION, US  
[22] 2001-06-27  
[43] 2001-12-27  
[30] US (09/604,235) 2000-06-27

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[21] **2,351,951**  
[13] A1

[51] **Int.Cl. 7G06F 17/30 7G06F 17/24 7H04L 12/26**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR PROVIDING INFORMATION SERVICES**  
[54] **SYSTEMES ET METHODES DE FOURNITURE DE SERVICES D'INFORMATION**  
[72] BROWN, STEVEN H., US  
[71] BROWN, STEVEN H., US  
[22] 2001-06-29  
[43] 2001-12-29  
[30] US (60/215,116) 2000-06-29

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[21] **2,351,969**  
[13] A1

[51] **Int.Cl. 7C22B 5/10 7C21B 11/06**  
[25] EN  
[54] **METHOD OF OPERATING A ROTARY HEARTH FURNACE**  
[54] **METHODE D'EXPLOITATION DE FOUR A SOLE TOURNANTE**  
[72] TANAKA, HIDETOSHI, JP  
[72] TETSUMOTO, MASAHIKO, JP  
[72] HARADA, TAKAO, JP  
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBELCO STEEL, LTD.), JP  
[22] 2001-06-28  
[43] 2001-12-29  
[30] JP (2000-195998) 2000-06-29

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[21] **2,351,977**  
[13] A1

[51] **Int.Cl. 7G06F 17/50**  
[25] EN  
[54] **AUTOMATED ITEM SELECTION FOR COMPUTER PROGRAMS**  
[54] **SELECTION AUTOMATISEE D'ARTICLES POUR PROGRAMMES INFORMATIQUES**  
[72] MEYERS, ROBERT, US  
[72] BLACK, ALVIN, US  
[71] XACTWARE, INC., US  
[22] 2001-06-28  
[43] 2001-12-29  
[30] US (09/606,646) 2000-06-29

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[21] **2,351,989**  
[13] A1

[51] **Int.Cl. 7F04B 41/00 7F04D 25/00**  
[25] EN  
[54] **COMPRESSOR INSTALLATION WITH WATER-INJECTED COMPRESSOR ELEMENT**  
[54] **POSTE DE COMPRESSION AVEC COMPRESSEUR A SYSTEME D'INJECTION D'EAU**  
[72] TALBOOM, BART ANTON LODE, BE  
[72] BODART, WILLY JOSEPH ROSA, BE  
[71] ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP, BE  
[22] 2001-06-26  
[43] 2001-12-27  
[30] BE (2000/0409) 2000-06-27

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[21] **2,351,991**  
[13] A1

[51] **Int.Cl. 7G02F 1/19**  
[25] EN  
[54] **FREE-SPACE THERMO-OPTICAL DEVICES**  
[54] **DISPOSITIFS THERMO-OPTIQUES EN ESPACE LIBRE**  
[72] MOROZOV, VAL, US  
[71] E-TEK DYNAMICS, INC., US  
[22] 2001-06-25  
[43] 2001-12-26  
[30] US (09/603,789) 2000-06-26

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[21] **2,352,405**  
[13] A1

[51] **Int.Cl. 7C07D 319/18 7C07D 405/00 7A61P 25/00 7C07D 209/04 7C07D 401/12 7A61P 15/12 7C07D 295/155 7C07D 211/34 7A61K 31/357 7A61K 31/4164 7A61K 31/4178 7A61K 31/453 7A61K 31/4725 7A61K 31/496 7C07D 233/50 7C07D 233/64**  
[25] FR  
[54] **NOUVEAUX DERIVES DE DIPHENYLUREE, LEUR PROCEDE DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT**  
[54] **NEW DIPHENYLUREA DERIVATIVES, THEIR PREPARATION PROCESS AND THE PHARMACEUTICAL COMPOUNDS THAT CONTAIN THEM**  
[72] LAVIELLE, GILBERT, FR  
[72] BROCCO, MAURICETTE, FR  
[72] DEKEYNE, ANNE, FR  
[72] MILLAN, MARK, FR  
[72] MULLER, OLIVIER, FR  
[71] ADIR ET COMPAGNIE, FR  
[22] 2001-06-29  
[43] 2001-12-29  
[30] FR (00/08378) 2000-06-29

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[21] **2,352,897**  
[13] A1

[51] **Int.Cl. 7B60K 15/035**  
[25] EN  
[54] **FUEL VAPOR TREATING APPARATUS**  
[54] **DISPOSITIF DE TRAITEMENT DE VAPEUR DE CARBURANT**  
[72] SUGIMURA, NORIKAZU, JP  
[72] MASUDA, HIDEMI, JP  
[72] KOJI, SUGIURA, JP  
[72] SHIMAMURA, HIROSHI, JP  
[71] KYOSAN DENKI CO., LTD., JP  
[22] 2001-06-21  
[43] 2001-12-26  
[30] JP (2000-191598) 2000-06-26

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[21] **2,355,080**  
[13] A1

[51] **Int.Cl. 7B42D 9/00**  
[25] EN  
[54] **PAGE INDICATOR**  
[54] **INDICATEUR DE PAGE**  
[72] HARRISON, VICKY, CA  
[71] HARRISON, VICKY, CA  
[22] 2001-08-15  
[43] 2001-12-26

**Demandes canadiennes mises à la disponibilité du public**  
**23 decembre 2001 - 29 decembre 2001**

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[21] **2,357,061**

[13] A1

[51] **Int.Cl. 7B60R 7/00**

[25] EN

[54] **MULTI-PURPOSE UTILITY**

**ORGANIZER FOR A TRAVEL VAN**

[54] **COFFRET DE RANGEMENT**

**UTILITAIRE POLYVALENT POUR**

**FOURGONNETTE**

[72] MCCURDY, MICHAEL GRANT, CA

[71] MCCURDY, MICHAEL GRANT, CA

[22] 2001-08-27

[43] 2001-12-23

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[21] **2,358,868**

[13] A1

[51] **Int.Cl. 7A63B 53/16**

[25] FR

[54] **POIGNEE PIVOTANTE POUR**

**PUTTER**

[54] **PIVOTING PUTTER HANDLE**

[72] NAUD, ALBERT, CA

[71] NAUD, ALBERT, CA

[22] 2001-10-17

[43] 2001-12-24

**Canadian Laid-Open Applications  
December 23, 2001 - December 29, 2001**

# PCT Applications Entering the National Phase

## Demandes PCT entrant en phase nationale

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[21] **2,361,941**  
[13] A1

[51] **Int.Cl. 7C07D 251/62**  
[25] EN  
[54] **METHOD FOR PRODUCING SOLID MELAMINE**  
[54] **PROCEDE DE PRODUCTION DE MELAMINE SOLIDE**  
[72] COUFAL, GERHARD, AT  
[71] AGROLINZ MELAMIN GMBH, AT  
[85] 2001-08-27  
[86] 2000-03-08 (PCT/EP2000/002012)  
[87] 2000-09-21 (WO2000/055142)  
[30] AT (A 450/99) 1999-03-15  
[30] AT (A 451/99) 1999-03-15

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[21] **2,362,640**  
[13] A1

[51] **Int.Cl. 7C09B 23/00 7C09B 57/00 7G11B 7/24 7B41M 5/26**  
[25] EN  
[54] **SQUARYLIUM COMPOUNDS AND OPTICAL RECORDING MEDIA MADE BY USING THE SAME**  
[54] **COMPOSES DE SQUARYLIUM ET SUPPORTS D'INFORMATION OPTIQUES A BASE DE CES COMPOSES**  
[72] SATOH, TSUTOMU, JP  
[72] IKUTA, MASANORI, JP  
[72] YAMADA, SHIHO, JP  
[72] MUTOH, KENJI, JP  
[72] TOMURA, TATSUYA, JP  
[72] TOYODA, HIROSHI, JP  
[72] SHIMIZU, IKUO, JP  
[72] KINUGASA, MOTOHARU, JP  
[71] KYOWA YUKA CO., LTD., JP  
[71] KYOWA HAKKO KOGYO CO., LTD., JP  
[85] 2001-08-09  
[86] 2000-12-15 (PCT/JP2000/008890)  
[87] 2001-06-21 (WO2001/044375)  
[30] JP (11/357367) 1999-12-16

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[21] **2,362,642**  
[13] A1

[51] **Int.Cl. 7C07D 403/08 7G11B 7/24 7B41M 5/26**  
[25] EN  
[54] **SQUARYLIUM COMPOUND AND OPTICAL RECORDING MEDIUM CONTAINING THE SAME**  
[54] **COMPOSE DE SQUARYLIUM ET SUPPORT D'ENREGISTREMENT OPTIQUE CONTENANT CE COMPOSE**  
[72] TOMURA, TATSUYA, JP  
[72] SATOH, TSUTOMU, JP  
[72] IKUTA, MASANORI, JP  
[72] TOYODA, HIROSHI, JP  
[72] KINUGASA, MOTOHARU, JP  
[72] YAMADA, SHIHO, JP  
[72] MUTOH, KENJI, JP  
[72] SHIMIZU, IKUO, JP  
[71] KYOWA HAKKO KOGYO CO., LTD., JP  
[71] KYOWA YUKA CO., LTD., JP  
[85] 2001-08-09  
[86] 2000-12-15 (PCT/JP2000/008891)  
[87] 2001-06-21 (WO2001/044233)  
[30] JP (11/357361) 1999-12-16

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[21] **2,362,680**  
[13] A1

[51] **Int.Cl. 7G06T 9/00**  
[25] EN  
[54] **3D TRANSFORMATION MATRIX COMPRESSION AND DECOMPRESSION**  
[54] **COMPRESSION ET DECOMPRESSION D'UNE MATRICE DE CONVERSION EN TROIS DIMENSIONS**  
[72] GHALI, PRASANNA, CA  
[72] PAN, JUN, US  
[72] COMAIR, CLAUDE, CA  
[72] FAM, SUN TJEN, CA  
[72] ABOU-SAMRA, SAMIR, CA  
[72] CHAMPAGNE, ROBERT, US  
[72] LI, XIN, US  
[71] NINTENDO CO., LTD., JP  
[85] 2001-08-03  
[86] 2000-12-06 (PCT/US2000/032973)  
[87] 2001-06-14 (WO2001/043074)  
[30] US (60/169,310) 1999-12-07  
[30] US (09/493,257) 2000-01-28

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[21] **2,362,708**  
[13] A1

[51] **Int.Cl. 7H03K 17/94**  
[25] EN  
[54] **METHOD AND APPARATUS DETERMINING POSITION OF A MOVABLE BARRIER**  
[54] **DETERMINATION DE LA POSITION D'UNE BARRIERE MOBILE ET DISPOSITIF A CET EFFET**  
[72] VALENTE, CHRISTOPHER M., US  
[72] SMITH, ALAN DANE, US  
[72] SIEGLER, MARK, US  
[72] RATHGEBER, MARTIN, US  
[71] THE CHAMBERLAIN GROUP, INC., US  
[85] 2001-08-15  
[86] 2000-02-16 (PCT/US2000/003971)  
[87] 2000-08-24 (WO2000/049716)  
[30] US (09/251,307) 1999-02-17

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[21] **2,362,709**  
[13] A1

[51] **Int.Cl. 7A01L 11/00**  
[25] EN  
[54] **EQUINE POWER PICK**  
[54] **GRATTOIR FORT POUR CHEVAUX**  
[72] EHRMANN, DOUGLAS G., US  
[71] EHRMANN, DOUGLAS G., US  
[85] 2001-08-21  
[86] 2000-01-19 (PCT/US2000/000483)  
[87] 2000-08-31 (WO2000/049864)  
[30] US (09/255,264) 1999-02-23

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[21] **2,362,711**  
[13] A1

[51] **Int.Cl. 7B63B 1/22**  
[25] EN  
[54] **BOAT HULL WITH CONFIGURABLE PLANING SURFACE**  
[54] **COQUE DE BATEAU A SURFACE DE DEJAUGEAGE MODULABLE**  
[72] SCHERER, JOHN O., US  
[72] ANDERSON, GLENN, US  
[71] BRUNSWICK CORPORATION, US  
[85] 2001-08-27  
[86] 2000-02-23 (PCT/US2000/004498)  
[87] 2000-08-31 (WO2000/050299)  
[30] US (09/258,455) 1999-02-26

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[21] **2,362,712**  
[13] A1

[51] **Int.Cl. 7B64F 5/00**  
[25] EN  
[54] **INSPECTION DEVICE FOR AIRCRAFT**  
[54] **SYSTEME D'INSPECTION POUR AVIONS**  
[72] THOMPSON, ROBERT LEE, US  
[71] PINOTAGE, LLC, US  
[85] 2001-08-21  
[86] 2000-02-24 (PCT/US2000/004911)  
[87] 2000-08-31 (WO2000/050304)  
[30] US (60/121,382) 1999-02-24

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[21] **2,362,713**  
[13] A1

[51] **Int.Cl. 7B23K 37/04 7B23K 15/00 7B23K 26/00**  
[25] EN  
[54] **METHOD AND DEVICE FOR WELDING SHEETS**  
[54] **PROCEDE ET DISPOSITIF POUR SOUDER DES TOLES**  
[72] KAEGI, BRUNO, CH  
[72] BUCHER, ROMEO, CH  
[71] ELPATRONIC AG, CH  
[85] 2001-08-16  
[86] 2000-02-15 (PCT/CH2000/000086)  
[87] 2000-09-14 (WO2000/053366)  
[30] CH (423/99) 1999-03-08

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[21] **2,362,715**  
[13] A1

[51] **Int.Cl. 7A61K 31/505 7C07D 401/12 7C07D 405/12 7C07D 417/12 7C07D 401/14 7C07D 413/14**  
[25] EN  
[54] **QUINAZOLINE DERIVATIVES AS ANGIOGENESIS INHIBITORS**  
[54] **DERIVES DE QUINAZOLINE UTILISES COMME INHIBITEURS DE L'ANGIOGENESE**  
[72] MCKERRECHER, DARREN, GB  
[72] STOKES, ELAINE SOPHIE ELIZABETH, GB  
[72] PLE, PATRICK, FR  
[72] HENNEQUIN, LAURENT FRANCOIS ANDRE, FR  
[71] ASTRAZENECA AB, SE  
[85] 2001-08-09  
[86] 2000-02-08 (PCT/GB2000/000373)  
[87] 2000-08-17 (WO2000/047212)  
[30] EP (99400305.1) 1999-02-10

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[21] **2,362,718**  
[13] A1

[51] **Int.Cl. 7B27N 3/00 7B27N 3/14**  
[25] EN  
[54] **METHOD OF PRODUCING PANEL-SHAPED PRODUCTS**  
[54] **PROCEDE DE REALISATION DE PRODUITS SOUS FORME DE PANNEAUX**  
[72] VON DER HEIDE, KAY-HENRIK, DE  
[72] VON HAAS, GERNOT, DE  
[71] DIEFFENBACHER SCHENCK PANEL GMBH, DE  
[85] 2001-09-04  
[86] 2000-02-28 (PCT/EP2000/001661)  
[87] 2000-09-14 (WO2000/053379)  
[30] DE (199 09 607.4) 1999-03-05

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[21] **2,362,720**  
[13] A1

[51] **Int.Cl. 7B27N 3/00**  
[25] EN  
[54] **METHOD OF PRODUCING PANEL-SHAPED PRODUCTS**  
[54] **PROCEDE DE FABRICATION DE PRODUITS SOUS FORME DE PLAQUES**  
[72] VON DER HEIDE, KAY-HENRIK, DE  
[72] VON HAAS, GERNOT, DE  
[71] DIEFFENBACHER SCHENCK PANEL GMBH, DE  
[85] 2001-09-04  
[86] 2000-02-28 (PCT/EP2000/001662)  
[87] 2000-09-14 (WO2000/053380)  
[30] DE (199 09 605.8) 1999-03-05

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[21] **2,362,721**  
[13] A1

[51] **Int.Cl. 7B03C 3/02 7B03C 3/45**  
[25] EN  
[54] **METHOD AND PROCESS FOR SEPARATING MATERIALS IN THE FORM OF PARTICLES AND/OR DROPS FROM A GAS FLOW**  
[54] **PROCEDE ET DISPOSITIF DE SEPARATION, D'UN COURANT DE GAZ, DE MATERIAUX SOUS FORME DE PARTICULES ET/OU DE GOUTTES**  
[72] ILMASTI, VEIKKO, FI  
[71] ILMASTI, VEIKKO, FI  
[85] 2001-08-29  
[86] 2000-03-03 (PCT/FI2000/000168)  
[87] 2000-09-14 (WO2000/053325)  
[30] FI (990484) 1999-03-05

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[21] **2,362,725**  
[13] A1

[51] **Int.Cl. 7A23G 9/02**  
[25] EN  
[54] **ICE CONFECTION CONTAINING NO OTHER PROTEINS THAN ANTIFREEZE PROTEINS**  
[54] **CONFISERIE GLACEE NE CONTENANT PAS D'AUTRE PROTEINES QUE DES PROTEINES ANTIGEL**  
[72] DANIEL, ADRIAN MATTHEW, GB  
[72] LACY, IAN, GB  
[72] OLDROYD, JON RICHARD, GB  
[71] UNILEVER PLC, GB  
[85] 2001-09-10  
[86] 2000-03-02 (PCT/EP2000/001759)  
[87] 2000-09-14 (WO2000/053028)  
[30] GB (9905524.6) 1999-03-10  
[30] EP (99305842.9) 1999-07-23

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[21] **2,362,737**  
[13] A1

[51] **Int.Cl. 7C12N 15/11 7C12N 9/00 7C12N 15/10 7C12N 9/14 7C12N 15/62**  
[25] EN  
[54] **RECOMBINATION OF INSERTION MODIFIED NUCLEIC ACIDS**  
[54] **RECOMBINAISON D'ACIDES NUCLEIQUES D'INSERTION MODIFIES**  
[72] STEMMER, WILLEM P. C., US  
[72] HEINRICHS, VOLKER, US  
[72] PATTEN, PHILLIP A., US  
[71] MAXYGEN, INC., US  
[85] 2001-08-24  
[86] 2000-03-03 (PCT/US2000/005573)  
[87] 2000-09-08 (WO2000/052155)  
[30] US (60/122,943) 1999-03-05  
[30] US (60/142,299) 1999-07-02  
[30] US (60/164,617) 1999-11-10  
[30] US (60/164,618) 1999-11-10

[21] **2,362,738**  
[13] A1

[51] **Int.Cl. 7C01F 5/42 7C01F 11/46 7H01M 4/58**  
[25] EN  
[54] **NANOTUBE-BASED HIGH ENERGY MATERIAL AND METHOD**  
[54] **MATERIAU A HAUTE ENERGIE A BASE DE NANOTUBE ET PROCEDE**  
[72] ZHOU, OTTO Z., US  
[72] GAO, BO, US  
[71] THE UNIVERSITY OF NORTH CAROLINA - CHAPEL HILL, US  
[85] 2001-08-29  
[86] 2000-02-24 (PCT/US2000/003704)  
[87] 2000-09-08 (WO2000/051936)  
[30] US (09/259,307) 1999-03-01

[21] **2,362,741**  
[13] A1

[51] **Int.Cl. 7B32B 17/10 7F41H 5/04 7C03C 27/12**  
[25] EN  
[54] **LAMINATED GLAZINGS**  
[54] **VITRAGES FEUILLETES**  
[72] SNELLING, JAMES PETER, GB  
[71] PILKINGTON AEROSPACE LIMITED, GB  
[85] 2001-09-04  
[86] 2000-03-09 (PCT/GB2000/000862)  
[87] 2000-09-14 (WO2000/053410)  
[30] GB (9905467.8) 1999-03-11  
[30] GB (9927390.6) 1999-11-20

[21] **2,362,746**  
[13] A1

[51] **Int.Cl. 7H04J 14/02 7H04B 10/20**  
[25] EN  
[54] **METHOD FOR UPGRADING AN OPTICAL FIBER COMMUNICATION SYSTEM**  
[54] **PROCEDE D'AUGMENTATION DE LA FONCTIONNALITE D'UN SYSTEME DE COMMUNICATION PAR FIBRE OPTIQUE**  
[72] BUABBUD, GEORGE H., US  
[71] MARCONI COMMUNICATIONS, INC., US  
[85] 2001-08-10  
[86] 2000-02-04 (PCT/US2000/003193)  
[87] 2000-08-17 (WO2000/048349)  
[30] US (09/249,055) 1999-02-12

[21] **2,362,747**  
[13] A1

[51] **Int.Cl. 7B05B 17/06**  
[25] EN  
[54] **DELIVERY SYSTEM FOR DISPENSING VOLATILES**  
[54] **SYSTEME D'EMISSION DESTINE A LA DISTRIBUTION DE PRODUITS VOLATILES**  
[72] TOMKINS, DAVID A., US  
[72] MARTENS, EDWARD J., III, US  
[72] HELF, THOMAS A., US  
[71] S. C. JOHNSON & SON, INC., US  
[85] 2001-09-06  
[86] 2000-02-09 (PCT/US2000/003286)  
[87] 2000-09-14 (WO2000/053336)  
[30] US (60/123,206) 1999-03-08

[21] **2,362,749**  
[13] A1

[51] **Int.Cl. 7B41M 7/00**  
[25] EN  
[54] **PRINTED THERMOPLASTIC MATERIALS AND PROCESS FOR PROVIDING SAME**  
[54] **MATERIAUX THERMOPLASTIQUES IMPRIMES ET LEUR PROCEDE DE FABRICATION**  
[72] EDLEIN, MARC A., US  
[72] KYLE, DAVID R., US  
[71] CRYOVAC, INC., US  
[85] 2001-08-21  
[86] 2000-03-07 (PCT/US2000/005849)  
[87] 2000-09-14 (WO2000/053429)  
[30] US (09/264,074) 1999-03-08

[21] **2,362,750**  
[13] A1

[51] **Int.Cl. 7B27N 3/08 7B29C 33/62**  
[25] EN  
[54] **PROCESSES FOR PREPARING MOLDED COMPOSITE MATERIAL AND WAX-BASED RELEASE AGENTS**  
[54] **PROCEDES POUR LA PREPARATION D'UN MATERIAU COMPOSITE MOULE, ET AGENTS DE DECOLLEMENT A BASE DE CIRE**  
[72] DEKERF, MARC, BE  
[72] ERENRICH, ERICH, US  
[71] ALLIEDSIGNAL INC., US  
[85] 2001-09-11  
[86] 2000-03-09 (PCT/US2000/006099)  
[87] 2000-09-14 (WO2000/053381)  
[30] US (60/124,307) 1999-03-12

[21] **2,362,756**  
[13] A1

[51] **Int.Cl. 7A61K 9/70**  
[25] EN  
[54] **METHOD FOR PRODUCING FILM-TYPE DOSAGE FORMS**  
[54] **PROCEDE PERMETTANT DE PRODUIRE DES PRESENTATIONS GALENIQUES EN FORME DE FEUILLES**  
[72] ZINNDORF, KATJA, DE  
[72] DZEKAN, HORST, DE  
[72] LAUX, WOLFGANG, DE  
[72] HORSTMANN, MICHAEL, DE  
[71] LTS LOHMANN THERAPIE-SYSTEME AG, DE  
[85] 2001-08-10  
[86] 2000-01-31 (PCT/EP2000/000739)  
[87] 2000-08-17 (WO2000/047190)  
[30] DE (199 05 801.6) 1999-02-12

[21] **2,362,757**  
[13] A1

[51] **Int.Cl. 7A61K 9/46 7A61P 29/00 7A61K 31/4152**  
[25] EN  
[54] **PHARMACEUTICAL EFFERVESCENT FORMULATION CONTAINING METAMIZOL**  
[54] **FORMULATION EFFERVESCENTE PHARMACEUTIQUE CONTENANT DU METAMIZOL**  
[72] FREUDENSprung, BRIGITTE, DE  
[71] HEXAL AG, DE  
[85] 2001-08-10  
[86] 2000-02-10 (PCT/EP2000/001096)  
[87] 2000-08-17 (WO2000/047189)  
[30] DE (199 05 581.5) 1999-02-11



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[21] **2,362,759**  
[13] A1

[51] **Int.Cl. 7H04N 5/445**  
[25] EN  
[54] **SYSTEM AND METHOD FOR ELIMINATING REDUNDANT LISTINGS IN AN ELECTRONIC PROGRAM GUIDE**  
[54] **ELIMINATION DES LISTES REDONDANTES DANS UN GUIDE DE PROGRAMMES ELECTRONIQUE ET SYSTEME A CET EFFET**  
[72] RALLIS, JAMES A., US  
[72] SUTTON, JONATHON, US  
[72] SCHOAFF, PETER CHRISTOPHER, US  
[72] FISHER, GUY, US  
[72] RENNER, KLAUS, US  
[72] WHITEHEAD, WENSDY, US  
[71] INDEX SYSTEMS, INC., VG  
[85] 2001-08-27  
[86] 2000-03-01 (PCT/US2000/005183)  
[87] 2000-09-08 (WO2000/052928)  
[30] US (60/122,760) 1999-03-01

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[21] **2,362,768**  
[13] A1

[51] **Int.Cl. 7B29C 70/44 7B29C 33/40 7B29C 45/77**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MOLDING COMPOSITE ARTICLES**  
[54] **PROCEDE ET APPAREIL DESTINES AU MOULAGE D'OBJETS EN COMPOSITES**  
[72] KIRILA, GENE E., II, US  
[72] MCCOLLUM, ROBERT P., US  
[71] VEC TECHNOLOGY, INC., US  
[85] 2001-08-30  
[86] 2000-03-10 (PCT/US2000/006356)  
[87] 2000-09-14 (WO2000/053400)  
[30] US (09/267,189) 1999-03-12

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[21] **2,362,770**  
[13] A1

[51] **Int.Cl. 7B21D 5/00 7B21D 11/10 7E04B 5/12 7E04B 1/26 7B21D 53/74**  
[25] EN  
[54] **METHOD FOR FORMING A SHORT-RADIUS BEND IN FLANGED SHEET METAL MEMBER**  
[54] **PROCEDE DE FORMATION D'UN PLI A RAYON COURT DANS UN ELEMENT EN TOLE DOTE DE REBORDS**  
[72] LEEK, WILLIAM F., US  
[71] SIMPSON STRONG-TIE COMPANY, INC., US  
[85] 2001-09-10  
[86] 2000-03-10 (PCT/US2000/006575)  
[87] 2000-09-14 (WO2000/053352)  
[30] US (09/266,416) 1999-03-10

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[21] **2,362,774**  
[13] A1

[51] **Int.Cl. 7A61M 31/00**  
[25] EN  
[54] **IMPROVED WATER PURIFICATION PACK**  
[54] **PACK D'EPURATION D'EAU AMELIORE**  
[72] TAYLOR, MICHAEL A., US  
[71] PRISMEDICAL CORPORATION, US  
[85] 2001-08-31  
[86] 2000-03-03 (PCT/US2000/005809)  
[87] 2000-09-08 (WO2000/051701)  
[30] US (60/122,510) 1999-03-03  
[30] US (09/277,448) 1999-03-26  
[30] US (09/364,631) 1999-07-30

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[21] **2,362,778**  
[13] A1

[51] **Int.Cl. 7A61K 31/496 7A61P 35/00 7A61P 27/02 7C07D 295/04 7C07D 403/04 7C07D 295/06 7C07D 403/06 7C07D 241/08 7C07D 243/08 7C07D 295/084 7C07D 403/12 7A61P 13/12 7A61P 31/12 7C07D 403/14 7A61K 31/551 7C12N 9/99**  
[25] EN  
[54] **INHIBITORS OF PRENYL-PROTEIN TRANSFERASE**  
[54] **INHIBITEURS DE PRENYLE PROTEINE TRANSFERASE**  
[72] LUMMA, WILLIAM C., JR., US  
[72] SMITH, ANTHONY M., US  
[72] SISKI, JOHN T., US  
[71] MERCK & CO., INC., US  
[85] 2001-08-23  
[86] 2000-03-01 (PCT/US2000/005396)  
[87] 2000-09-08 (WO2000/051547)  
[30] US (60/122,970) 1999-03-03  
[30] US (60/127,259) 1999-03-31

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[21] **2,362,779**  
[13] A1

[51] **Int.Cl. 7A61F 5/01**  
[25] EN  
[54] **ANKLE BRACE WITH CUFF**  
[54] **ATTELLE POUR CHEVILLE COMPORTANT UN MANCHON**  
[72] PETERS, RICK E., US  
[71] ATHLETE PROTECTION GEAR, LLC, US  
[85] 2001-08-15  
[86] 2000-02-09 (PCT/US2000/003385)  
[87] 2000-08-24 (WO2000/048537)  
[30] US (09/252,582) 1999-02-18

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[21] **2,362,780**  
[13] A1

[51] **Int.Cl. 7A61B 5/00**  
[25] EN  
[54] **METHOD FOR DETERMINING ANALYTE CONCENTRATION USING PERIODIC TEMPERATURE MODULATION AND PHASE DETECTION**  
[54] **PROCEDE DE DETERMINATION DE CONCENTRATION D'ANALYTE AU MOYEN DE MODULATION DE TEMPERATURE PERIODIQUE ET DE DETECTION DE PHASE**  
[72] KING, RICHARD A., US  
[72] TREBINO, RICK, US  
[72] STERLING, BERNHARD B., US  
[72] ZHENG, PENG, US  
[72] SHULENBERGER, ARTHUR M., US  
[72] GOLDBERGER, DANIEL S., US  
[72] BRAIG, JAMES R., US  
[72] KRAMER, CHARLES E., US  
[72] BARNES, CASPER W., US  
[71] OPTISCAN BIOMEDICAL CORPORATION, US  
[85] 2001-09-04  
[86] 2000-03-10 (PCT/US2000/006348)  
[87] 2000-09-14 (WO2000/053086)  
[30] US (09/267,121) 1999-03-10

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<p style="text-align: right;">[21] <b>2,362,782</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61B 18/14</b> [25] EN [54] <b>BRONCHIAL STENTER HAVING EXPANDABLE ELECTRODES</b> [54] <b>EXTENSEUR BRONCHIQUE COMPORTANT DES ELECTRODES EXPANSIBLES</b> [72] LOOMAS, BRYAN E., US [72] LAUFER, MICHAEL D., US [72] BURGER, KEITH M., US [72] TANAKA, DON A., US [71] BRONCUS TECHNOLOGIES, INC., US [85] 2001-08-31 [86] 2000-03-01 (PCT/US2000/005412) [87] 2000-09-08 (WO2000/051510) [30] US (09/260,401) 1999-03-01</p>	<p style="text-align: right;">[21] <b>2,362,792</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61F 2/46 7B25D 1/00 7A61B 17/16</b> [25] EN [54] <b>METHODS, SYSTEMS, AND INSTRUMENTS FOR INSERTING PROSTHETIC IMPLANTS</b> [54] <b>PROCEDES, SYSTEMES ET INSTRUMENTS D'INTRODUCTION D'IMPLANTS PROTHETIQUES</b> [72] KELMAN, DAVID C., US [72] MCKINNON, BRIAN W., US [71] SMITH &amp; NEPHEW, INC., US [85] 2001-08-29 [86] 2000-03-03 (PCT/US2000/005442) [87] 2000-09-08 (WO2000/051530) [30] US (60/122,631) 1999-03-03</p>	<p style="text-align: right;">[21] <b>2,362,798</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B05C 11/08 7G03F 7/16</b> [25] EN [54] <b>METHOD AND DEVICE FOR TREATING SUBSTRATES</b> [54] <b>PROCEDE ET DISPOSITIF POUR LE TRAITEMENT DE SUBSTRATS</b> [72] DRESS, PETER, DE [72] APPICH, KARL, DE [72] SZEKERESCH, JAKOB, DE [72] KRAUSS, PETER, DE [72] WEIHING, ROBERT, DE [71] STEAG HAMATECH AG, DE [85] 2001-08-15 [86] 2000-01-19 (PCT/EP2000/000380) [87] 2000-08-24 (WO2000/048744) [30] DE (199 06 398.2) 1999-02-16</p>
<p style="text-align: right;">[21] <b>2,362,783</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 39/39</b> [25] EN [54] <b>ADJUVANT AND CELL MATURATION AGENT</b> [54] <b>ADJUVANT ET AGENT DE MATURATION CELLULAIRE</b> [72] MACPHERSON, GEORGE GORDON, GB [72] WYKES, MICHELLE NILOUFER, AU [71] ISIS INNOVATION LIMITED, GB [85] 2001-08-16 [86] 2000-02-17 (PCT/GB2000/000559) [87] 2000-08-24 (WO2000/048631) [30] GB (9903664.2) 1999-02-17</p>	<p style="text-align: right;">[21] <b>2,362,794</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 38/55 7A01H 5/00 7C12Q 1/00</b> [25] EN [54] <b>INHIBITORS OF SEPARIN, METHOD FOR IDENTIFYING THEM AND USES</b> [54] <b>INHIBITEURS DE LA SEPARINE, TECHNIQUE D'IDENTIFICATION DE CEUX-CI ET APPLICATIONS</b> [72] WAIZENEGGER, IRENE, AT [72] BUONOMO, SARA, AT [72] CLYNE, ROSEMARY, AT [72] PETERS, JAN-MICHAEL, AT [72] UHLMANN, FRANK, AT [72] NASMYTH, KIM, AT [71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE [85] 2001-08-14 [86] 2000-02-14 (PCT/EP2000/001183) [87] 2000-08-24 (WO2000/048627) [30] EP (99102962.0) 1999-02-15</p>	<p style="text-align: right;">[21] <b>2,362,799</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61B 17/32</b> [25] EN [54] <b>TREPINE DEVICE FOR LOCATING AND CUTTING A CYLINDRICAL OR REVERSE TAPERED APERTURE IN FLEXIBLE MATERIAL</b> [54] <b>TREPAN POUR LA LOCALISATION ET LA PERFORATION D'UNE OUVERTURE CYLINDRIQUE OU A CONICITE INVERSEE DANS UNE MATIERE FLEXIBLE</b> [72] FREED, PAUL S., US [72] KANTROWITZ, ADRIAN, US [72] MERMELSTEIN, SEYMOUR, US [71] L. VAD TECHNOLOGY, INC., US [85] 2001-08-16 [86] 2000-03-02 (PCT/US2000/005470) [87] 2000-09-08 (WO2000/051507) [30] US (09/262,192) 1999-03-04</p>
<p style="text-align: right;">[21] <b>2,362,788</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61G 12/00 7G08B 21/00 7A61G 7/05 7H01R 13/629</b> [25] EN [54] <b>PATIENT POSITION DETECTION APPARATUS FOR A BED</b> [54] <b>APPAREIL DE DETECTION DE LA POSITION D'UN PATIENT SUR UN LIT</b> [72] DIXON, STEVE A., US [72] OSBORNE, EUGENE E., US [72] MENKEDICK, DOUGLAS J., US [72] JACQUES, WILLIAM L., US [72] JONES, JAMES W., US [72] FINDLAY, JAMES F., US [72] WILKER, JACK JR., US [71] HILL-ROM, INC., US [85] 2001-09-04 [86] 2000-03-02 (PCT/US2000/005413) [87] 2000-09-08 (WO2000/051541) [30] US (09/264,174) 1999-03-05</p>	<p style="text-align: right;">[21] <b>2,362,797</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61G 7/10</b> [25] EN [54] <b>PATIENT TRANSPORT SYSTEM</b> [54] <b>SYSTEME DE TRANSPORT DE PATIENT</b> [72] HODGETTS, GRAHAM L., US [71] BARTON MEDICAL CORPORATION, US [85] 2001-08-30 [86] 2000-03-03 (PCT/US2000/005446) [87] 2000-09-08 (WO2000/051542) [30] US (60/122,946) 1999-03-05</p>	

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[21] **2,362,801**  
[13] A1  
[51] **Int.Cl. 7C07D 471/04 7C07D 209/00 7C07D 221/00 7A61P 31/04 7A61K 31/4709**  
[25] EN  
[54] **CRYSTAL MODIFICATION C OF 8-CYANO-1-CYCLOPROPYL-7-(1S, 6S-2,8- DIAZABICYCLO--4.3.0)NONAN-8-YL)-6-FLUORO-1,4-DIHYDRO-4-OXO-3-QUINOLINE CARBOXYLIC**  
[54] **MODIFICATION CRISTALLINE C DE L'ACIDE 8-CYANO -1-CYCLOPROPYL -7-(1S, 6S-2,8- DIAZABICYCLO --4.3.0)NONAN -8-YL)-6-FLUORO -1,4- DIHYDRO -4-OXO -3-QUINOLEINE -CARBOXYLIQUE**  
[72] HIMMLER, THOMAS, DE  
[72] RAST, HUBERT, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2001-08-23  
[86] 2000-02-14 (PCT/EP2000/001202)  
[87] 2000-09-08 (WO2000/052009)  
[30] DE (199 08 449.1) 1999-02-26

[21] **2,362,803**  
[13] A1  
[51] **Int.Cl. 7B05D 7/14**  
[25] EN  
[54] **POLYMER-COATED METAL COMPOSITES BY DIP AUTOPOLYMERIZATION**  
[54] **COMPOSITES METALLIQUES RECOUVERTS DE POLYMERE AUTOPOLYMERISES PAR IMMERSION**  
[72] BELL, JAMES P., US  
[72] BAKER, NICOLE, US  
[71] UNIVERSITY OF CONNECTICUT, US  
[85] 2001-08-16  
[86] 2000-02-18 (PCT/US2000/004288)  
[87] 2000-08-24 (WO2000/048750)  
[30] US (09/251,041) 1999-02-18

[21] **2,362,806**  
[13] A1  
[51] **Int.Cl. 7C07F 9/09 7C08G 59/14 7C08G 65/335 7C08G 18/38 7C07F 9/40 7C08G 18/50 7C08K 5/521 7C08K 5/5333 7C08G 18/67**  
[25] EN  
[54] **PHOSPHORUS-COMPRISING MATERIALS, THEIR PREPARATION AND USE**  
[54] **MATERIAUX CONTENANT DU PHOSPHORE, PREPARATIONS ET UTILISATIONS**  
[72] VAN DEN BERGEN, HUGUES, BE  
[72] VANOVERVELT, JEAN-CLAUDE, BE  
[71] UCB, S.A., BE  
[85] 2001-08-23  
[86] 2000-02-23 (PCT/EP2000/001460)  
[87] 2000-09-08 (WO2000/052016)  
[30] EP (99103736.7) 1999-02-26

[21] **2,362,822**  
[13] A1  
[51] **Int.Cl. 7G02B 6/44**  
[25] EN  
[54] **OPTICAL FIBRE MANAGEMENT**  
[54] **GESTION DE FIBRES OPTIQUES**  
[72] WAMBEKE, ALAIN, BE  
[72] VAN NOTEN, LODEWIJK, BE  
[72] BRANTS, JOS MARIE ROGER, BE  
[71] TYCO ELECTRONICS RAYCHEM NV, BE  
[85] 2001-08-08  
[86] 2000-02-07 (PCT/GB2000/000344)  
[87] 2000-09-08 (WO2000/052509)  
[30] GB (9904598.1) 1999-03-01  
[30] GB (9914753.0) 1999-06-24

[21] **2,362,832**  
[13] A1  
[51] **Int.Cl. 7B25B 27/14**  
[25] EN  
[54] **WEATHER STRIP PRESS-FITTING DEVICE**  
[54] **DISPOSITIF D'EMMANCHEMENT PAR COMPRESSION DE BOURRELET D'ETANCHEITE**  
[72] SANO, EIICHI, JP  
[72] MIURA, KEN, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[85] 2001-08-27  
[86] 2001-04-03 (PCT/JP2001/002883)  
[87] 2001-10-11 (WO2001/074541)  
[30] JP (2000-101694) 2000-04-04

[21] **2,362,836**  
[13] A1  
[51] **Int.Cl. 7C07D 211/36 7C07H 15/00 7C07H 5/04 7C07H 5/06**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF 1,5-DIDEOXY-1,5-IMINO HEXITOLS FROM OXIMES OR IMINES**  
[54] **PROCEDE DE PREPARATION DE 1,5-DIDESOXY-1,5-IMINO HEXITOLS A PARTIR D'OXIMES OU D'IMINES**  
[72] HOLLINGSWORTH, RAWLE I., US  
[72] PISTIA-BRUEGGEMAN, GABRIELA, US  
[71] MICHIGAN STATE UNIVERSITY, US  
[85] 2001-08-28  
[86] 2001-03-28 (PCT/US2001/009924)  
[87] 2001-10-11 (WO2001/074776)  
[30] US (60/193,554) 2000-03-31

[21] **2,362,838**  
[13] A1  
[51] **Int.Cl. 7C08J 5/12 7B32B 27/08 7C08L 27/12**  
[25] EN  
[54] **COMPOSITIONS FOR FLUOROPOLYMER BONDING TO NON-FLUORINATED POLYMERS**  
[54] **COMPOSITIONS DE LIAISON DE POLYMERES FLUORES A DES POLYMERES NON FLUORES**  
[72] JING, NAIYONG, US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2001-08-08  
[86] 2000-01-26 (PCT/US2000/001927)  
[87] 2000-09-08 (WO2000/052084)  
[30] US (09/260,813) 1999-03-02

[21] **2,362,843**  
[13] A1  
[51] **Int.Cl. 7A63B 53/04**  
[25] EN  
[54] **IRON GOLF CLUB**  
[54] **CLUB DE GOLF DU TYPE FER**  
[72] IWATA, MOTOTAKA, JP  
[72] MASUDA, NAOYUKI, JP  
[71] MIZUNO CORPORATION, JP  
[85] 2001-08-27  
[86] 2001-01-11 (PCT/JP2001/000103)  
[87] 2001-11-22 (WO2001/087428)  
[30] JP (2000-145081) 2000-05-17

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[21] **2,362,845**  
[13] A1  
[51] **Int.Cl. 7C07J 71/00 7A61K 31/58**  
[25] EN  
[54] **EPLERENONE CRYSTALLINE FORM**  
[54] **FORME CRISTALLINE D'EPLERENONE**  
[72] DESAI, SUBHASH, US  
[72] LITTLE, CLAY R., US  
[72] FERRO, LEONARD J., US  
[72] PIETZ, MARK A., US  
[72] PILIPASKAS, DANIEL R., US  
[72] SING, YUEN-LUNG L., US  
[72] BARTON, KATHLEEN P., US  
[72] STAHL, GLENN L., US  
[72] WIECZOREK, JOSEPH J., US  
[72] GAUD, HENRY T., US  
[72] CARLOS, MARLON V., US  
[72] BORSCHARDT, THOMAS B., US  
[72] YAN, CHRIS Y., US  
[72] GANSER, SCOTT, US  
[72] MUDIPALLI, PARTHA S., US  
[71] PHARMACIA CORPORATION, US  
[85] 2001-08-07  
[86] 2000-12-04 (PCT/US2000/030178)  
[87] 2001-06-14 (WO2001/041535)  
[30] US (60/169,707) 1999-12-08  
[30] US (60/169,608) 1999-12-08  
[30] US (60/169,556) 1999-12-08  
[30] US (60/169,683) 1999-12-08  
[30] US (60/169,807) 1999-12-08  
[30] US (60/169,639) 1999-12-08

[21] **2,362,848**  
[13] A1  
[51] **Int.Cl. 7G06F 19/00**  
[25] EN  
[54] **SEISMIC SIGNAL PROCESSING METHOD AND APPARATUS FOR GENERATING A CUBE OF VARIANCE VALUES**  
[54] **PROCEDE ET APPAREIL DE TRAITEMENT DE SIGNAUX SISMQUES POUR GENERER UN CUBE DE VALEURS DE VARIANCES**  
[72] VAN BEMMEL, PETER P., US  
[72] PEPPER, RANDOLPH E. F., US  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2001-08-08  
[86] 2000-03-02 (PCT/US2000/005694)  
[87] 2000-09-14 (WO2000/054207)  
[30] US (60/123,412) 1999-03-09  
[30] US (09/377,573) 1999-08-19

[21] **2,362,851**  
[13] A1  
[51] **Int.Cl. 7C08F 255/08 7C08F 8/12**  
[25] EN  
[54] **SILANE GRAFTED COPOLYMERS OF AN ISOMONOOLEFIN AND A VINYL AROMATIC MONOMER**  
[54] **COPOLYMERES A GREFFE SILANE D'UNE ISOMONOOLEFINE ET D'UN MONOMERE VINYLIQUE AROMATIQUE**  
[72] SUZUKI, TOSHIO, US  
[72] SAXENA, ANIL, K., US  
[72] TABLER, RAYMOND, L., US  
[72] WANG, HSIEN-CHANG, US  
[72] CHUNG, DAVID, YEN-LUN, US  
[71] EXXONMOBIL CHEMICAL PATENTS INC., US  
[71] DOW CORNING CORPORATION, US  
[85] 2001-08-28  
[86] 2000-01-31 (PCT/US2000/002557)  
[87] 2000-09-08 (WO2000/052072)  
[30] US (09/260,455) 1999-03-02

[21] **2,362,857**  
[13] A1  
[51] **Int.Cl. 7A61K 9/00 7A61K 9/14 7A23K 1/18 7A61K 9/20 7A61K 9/22**  
[25] EN  
[54] **IMPROVED LACTATIONAL CAPACITE DE LACTATION DE VACHES LAITIERES**  
[72] SANCHEZ, WILLIAM K., US  
[72] CUMMINGS, KENNETH R., US  
[72] BLOCK, ELLIOT, US  
[71] CHURCH & DWIGHT CO., INC., US  
[85] 2001-07-18  
[86] 2001-01-24 (PCT/US2001/002277)  
[87] 2001-11-08 (WO2001/082898)  
[30] US (09/563,443) 2000-05-01

[21] **2,362,883**  
[13] A1  
[51] **Int.Cl. 7A61K 31/195 7A61P 9/00 7A61P 35/00 7A61K 45/06 7A61K 31/165 7A61K 31/175 7A61K 31/19 7A61K 31/255 7A61K 31/275 7A61K 31/335 7A61K 31/57**  
[25] EN  
[54] **ALKYLATING AGENTS FOR TREATMENT OF CELLULAR PROLIFERATION**  
[54] **AGENTS D'ALKYLATION DESTINES AU TRAITEMENT DE PROLIFERATION CELLULAIRE**  
[72] EURY, ROBERT, US  
[72] ALVARADO, ANGELICA, US  
[72] POMERANTSEVA, IRINA D., US  
[72] FROIX, MICHAEL, US  
[71] QUANAM MEDICAL CORPORATION, US  
[85] 2001-08-10  
[86] 2000-02-10 (PCT/US2000/003667)  
[87] 2000-08-17 (WO2000/047197)  
[30] US (60/119,951) 1999-02-12

[21] **2,362,893**  
[13] A1  
[51] **Int.Cl. 7H04B 10/00 7G02B 6/00 7G02B 6/26**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PROVIDING HIGH-ORDER POLARIZATION MODE DISPERSION COMPENSATION USING TEMPORAL IMAGING**  
[54] **PROCEDE ET APPAREIL DE CORRECTION DE LA DISPERSION DE POLARISATION DE MODE D'ORDRE ELEVE A L'AIDE D'IMAGERIE TEMPORELLE**  
[72] CAO, XIANG-DONG, US  
[71] QTERA CORPORATION, US  
[85] 2001-08-09  
[86] 1999-12-22 (PCT/US1999/030695)  
[87] 2000-08-03 (WO2000/045531)  
[30] US (09/243,369) 1999-02-01

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[13] A1

[51] **Int.Cl. 7C07H 15/04 7A61P 35/00 7A61P 43/00 7A61K 31/7032**  
[25] EN  
[54] **NOVEL SULFOFUCOSYLACYLGLYCEROL DERIVATIVES AND UTILIZATION THEREOF AS DRUGS**  
[54] **NOUVEAUX DERIVES DU SULFOFUCOSYLACYLGLYCEROL ET LEUR UTILISATION COMME MEDICAMENTS**  
[72] NAKAYAMA, KOTARO, JP  
[72] FUJITA, TATSUYA, JP  
[72] SATO, NORIYUKI, JP  
[72] SAHARA, HIROEKI, JP  
[72] SUGAWARA, FUMIO, JP  
[72] YAMAZAKI, TAKAYUKI, JP  
[72] SAKAGUCHI, KENGO, JP  
[72] MASAKI, KAZUYOSHI, JP  
[72] OHTA, KEISUKE, JP  
[71] TOYO SUISAN KAISHA, LTD., JP  
[85] 2001-08-24  
[86] 2000-02-21 (PCT/JP2000/000974)  
[87] 2000-09-08 (WO2000/052021)  
[30] JP (11/51398) 1999-02-26

[21] **2,362,908**  
[13] A1

[51] **Int.Cl. 7A61K 51/08 7A61K 51/10**  
[25] EN  
[54] **KIT FOR RADIOLABELING PROTEINS WITH YTTRIUM-90**  
[54] **TROUSSE DE RADIOMARQUAGE DE PROTEINES AVEC L'YTTRIUM-90**  
[72] CHINN, PAUL, US  
[71] IDEC PHARMACEUTICALS CORPORATION, US  
[85] 2001-08-17  
[86] 2000-02-29 (PCT/US2000/005078)  
[87] 2000-09-08 (WO2000/052031)  
[30] US (09/259,338) 1999-03-01

[21] **2,362,909**  
[13] A1

[51] **Int.Cl. 7A23L 1/304 7A23D 7/00 7A23D 7/015 7A23D 7/02 7A23C 9/13 7A23L 2/52 7A23L 2/66**  
[25] EN  
[54] **CALCIUM SUPPLEMENTED FOOD PRODUCTS AND NOVEL CALCIUM-CONTAINING INGREDIENT**  
[54] **PRODUITS ALIMENTAIRES ENRICHIS EN CALCIUM ET NOUVEL INGREDIENT CONTENANT DU CALCIUM**  
[72] ERMOLAEVA, SVETLANA A., RU  
[72] VULFSON, EVGENY, GB  
[71] VULFSON, EVGENY, GB  
[85] 2001-07-31  
[86] 2000-02-07 (PCT/GB2000/000355)  
[87] 2000-08-10 (WO2000/045650)  
[30] EP (PCT/GB/00/00355) 2000-02-07  
[30] GB (GB 9902670.0) 1999-02-06

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[13] A1

[51] **Int.Cl. 7C07K 5/103 7A61P 11/00 7A61P 43/00 7C07K 5/083 7C07D 233/34 7C07D 239/54 7A61K 38/55**  
[25] EN  
[54] **HETEROCYCLIC COMPOUNDS, INTERMEDIATES THEREOF AND ELASTASE INHIBITORS**  
[54] **COMPOSES HETEROCYCLIQUES, LEURS INTERMEDIAIRES, ET INHIBITEURS D'ELASTASE**  
[72] SHIRATAKE, RYOTARO, JP  
[72] SATO, FUMINORI, JP  
[72] INOUE, YASUNAO, JP  
[72] OMODANI, TOMOKI, JP  
[72] TAKEMURA, TADASHI, JP  
[72] HONDA, SEIJI, JP  
[72] KOMIYA, MASANOBU, JP  
[71] DAINIPPON PHARMACEUTICAL CO., LTD., JP  
[85] 2001-08-10  
[86] 2000-02-23 (PCT/JP2000/001022)  
[87] 2000-09-08 (WO2000/052032)  
[30] JP (11/56052) 1999-03-03

[21] **2,362,916**  
[13] A1

[51] **Int.Cl. 7A61B 19/00**  
[25] EN  
[54] **MAGNETIC ANATOMICAL MARKER AND METHOD OF USE**  
[54] **MARQUEUR MAGNETIQUE ANATOMIQUE ET PROCEDE DE MISE EN OEUVRE**  
[72] GONZALES, ANDREI J., US  
[72] SOMOGYI, CHRISTOPHER P., US  
[72] GOLDEN, ROBERT N., US  
[72] SILVERSTEIN, FRED E., US  
[72] SINANAN, MIKA N., US  
[71] LUCENT MEDICAL SYSTEMS, INC., US  
[85] 2001-08-31  
[86] 2000-02-29 (PCT/US2000/005776)  
[87] 2000-09-08 (WO2000/051514)  
[30] US (09/259,222) 1999-03-01

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[13] A1

[51] **Int.Cl. 7C07H 19/00 7C07H 21/00 7C07K 1/00 7C07K 14/00 7C07K 17/00 7C12N 1/00 7C12N 5/00 7C12N 15/00 7C12Q 1/00 7C07H 21/02 7C12N 5/02 7C07H 21/04 7C12P 21/06 7C12N 15/09 7G01N 33/53 7C12N 15/63 7C12N 15/70 7C12N 15/74 7C12N 15/85 7C12N 15/87**  
[25] EN  
[54] **SECRETED PROTEINS AND NUCLEIC ACIDS ENCODING THEM**  
[54] **PROTEINES SECRETEES ET ACIDES NUCLEIQUES CODANT POUR ELLES**  
[72] SHARP, JOHN D., US  
[72] FRASER, CHRISTOPHER C., US  
[72] HOLTZMAN, DOUGLAS A., US  
[72] BARNES, THOMAS M., US  
[71] MILLENNIUM PHARMACEUTICALS, INC., US  
[85] 2001-08-31  
[86] 2000-03-01 (PCT/US2000/005226)  
[87] 2000-09-08 (WO2000/052022)  
[30] US (60/122,458) 1999-03-01

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[13] A1  
[51] **Int.Cl. 7C07H 21/04 7C07K 14/00 7C12N 5/00 7C12P 21/00 7C12N 5/06 7C12N 15/63 7C12Q 1/68**  
[25] EN  
[54] **TUMOR NECROSIS FACTOR RECEPTORS 6.ALPHA. AND 6.BETA.**  
[54] **RECEPTEURS DU FACTEUR DE NECROSE TUMORALE 6 ALPHA ET 6 BETA**  
[72] FENG, PING, US  
[72] RUBEN, STEVEN M., US  
[72] YU, GUO-LIANG, US  
[72] EBNER, REINHARD, US  
[72] NI, JIAN, US  
[72] GENTZ, REINER L., US  
[71] HUMAN GENOME SCIENCES, INC., US  
[85] 2001-08-16  
[86] 2000-03-03 (PCT/US2000/005686)  
[87] 2000-09-08 (WO2000/052028)  
[30] US (60/121,774) 1999-03-04  
[30] US (60/124,092) 1999-03-12  
[30] US (60/131,279) 1999-04-27  
[30] US (60/131,964) 1999-04-30  
[30] US (60/146,371) 1999-08-02  
[30] US (60/168,235) 1999-12-01

[21] **2,362,931**  
[13] A1  
[51] **Int.Cl. 7C07H 15/04 7A61P 35/00 7A61P 43/00 7A61K 31/7032**  
[25] EN  
[54] **NOVEL SULFORHAMNOSYLACYLGLYCEROL DERIVATIVES AND UTILIZATION THEREOF AS DRUGS**  
[54] **NOUVEAUX DERIVES DU ET LEUR UTILISATION COMME MEDICAMENTS**  
[72] SATO, NORIYUKI, JP  
[72] YAMAZAKI, TAKAYUKI, JP  
[72] SAHARA, HIROEKI, JP  
[72] SAKAGUCHI, KENGO, JP  
[72] NAKAYAMA, KOTARO, JP  
[72] FUJITA, TATSUYA, JP  
[72] SUGAWARA, FUMIO, JP  
[72] MASAKI, KAZUYOSHI, JP  
[72] OHTA, KEISUKE, JP  
[71] TOYO SUISAN KAISHA, LTD., JP  
[85] 2001-08-24  
[86] 2000-02-21 (PCT/JP2000/000972)  
[87] 2000-09-08 (WO2000/052020)  
[30] JP (11/51396) 1999-02-26

[21] **2,363,336**  
[13] A1  
[51] **Int.Cl. 7H04B 10/18 7H03F 1/32**  
[25] EN  
[54] **PREDISTORTION ARRANGEMENT USING MIXERS IN NONLINEAR ELECTRO-OPTICAL APPLICATIONS**  
[54] **AGENCEMENT DE PREACCENTUATION METTANT EN OEUVRE DES MELANGEURS DANS DES APPLICATIONS ELECTRO-OPTIQUES NON LINEAIRES**  
[72] STOOK, CHRISTOPHER ROBERT, US  
[72] KRASULICK, STEPHEN BRADLEY, US  
[71] JDS UNIPHASE CORPORATION, US  
[85] 2001-09-18  
[86] 2000-03-29 (PCT/US2000/008372)  
[87] 2000-10-05 (WO2000/059141)  
[30] US (09/281,235) 1999-03-30

[21] **2,363,367**  
[13] A1  
[51] **Int.Cl. 7H04M 3/42 7H04M 3/54**  
[25] EN  
[54] **MOBILITY MANAGEMENT**  
[54] **GESTION DE LA MOBILITE**  
[72] FENTON, CHRISTOPHER JOHN, GB  
[72] LYLE, JOHN ANDREW, GB  
[72] CLAPTON, ALAN JAMES, GB  
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB  
[85] 2001-09-21  
[86] 2000-03-07 (PCT/GB2000/000818)  
[87] 2000-10-05 (WO2000/059188)  
[30] GB (9907466.8) 1999-03-31  
[30] EP (99305541.7) 1999-07-13

[21] **2,363,413**  
[13] A1  
[51] **Int.Cl. 7H04L 29/06 7H04Q 7/22**  
[25] EN  
[54] **METHOD OF ROUTING DATA**  
[54] **PROCEDE D'ACHEMINEMENT DE DONNEES**  
[72] WRIGHT, SHAUN, GB  
[72] FENTON, CHRISTOPHER JOHN, GB  
[72] ANDERSON, MARK, GB  
[72] RAI, JAGMOHAN SINGH, GB  
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB  
[85] 2001-09-27  
[86] 2000-03-08 (PCT/GB2000/000819)  
[87] 2000-10-05 (WO2000/059178)  
[30] GB (9907464.3) 1999-03-31  
[30] EP (99305544.1) 1999-07-13

[21] **2,363,420**  
[13] A1  
[51] **Int.Cl. 7H04M 3/533 7H04Q 7/12 7H04Q 7/22 7H04L 12/58**  
[25] EN  
[54] **SYSTEM AND METHOD FOR INTEGRATING AUDIO AND VISUAL MESSAGING**  
[54] **SYSTEME ET PROCEDE D'INTEGRATION DE MESSAGERIES AUDIO ET VISUELLES**  
[72] HELFERICH, RICHARD J., US  
[71] HELFERICH, RICHARD J., US  
[85] 2001-09-07  
[86] 2000-03-29 (PCT/US2000/008261)  
[87] 2000-10-05 (WO2000/059196)  
[30] US (60/126,939) 1999-03-29  
[30] US (60/155,055) 1999-09-21  
[30] US (09/408,841) 1999-09-30

[21] **2,363,422**  
[13] A1  
[51] **Int.Cl. 7H04B 10/18 7G02B 6/34**  
[25] EN  
[54] **METHOD USING PHOTONIC CRYSTALS FOR THE DISPERSION COMPENSATION OF OPTICAL SIGNALS OF DIFFERENT WAVELENGTHS WHICH ARE TRANSMITTED TOGETHER**  
[54] **PROCEDE PERMETTANT, AU MOYEN DE CRISTAUX PHOTONIQUES, DE COMPENSER LA DISPERSION DE SIGNAUX OPTIQUES DE DIFFERENTES LONGUEURS D'ONDE TRANSMIS ENSEMBLE**  
[72] HEITMANN, WALTER, DE  
[72] KOOPS, HANS WILFRIED PETER, DE  
[71] DEUTSCHE TELEKOM AG, DE  
[85] 2001-09-18  
[86] 2000-03-21 (PCT/EP2000/002479)  
[87] 2000-10-05 (WO2000/059140)  
[30] DE (199 15 139.3) 1999-03-26

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[21] **2,363,430**

[13] A1

[51] **Int.Cl. 7H04M 15/00**

[25] EN

[54] **BILL IMAGE GENERATION**

[54] **GENERATION D'IMAGE DE  
FACTURE**

[72] ORR, NICHOLAS, GB

[72] GAULT, WILLIAM JAMES, GB

[72] ANDERSON, SAMUEL, GB

[72] CANAVAN, ANGELA ROSE, GB

[72] BRANKIN, STEPHEN, GB

[72] MILLSOPP, EDWARD, GB

[71] BRITISH TELECOMMUNICATIONS  
PUBLIC LIMITED COMPANY, GB

[85] 2001-09-20

[86] 2000-03-22 (PCT/GB2000/001084)

[87] 2000-10-05 (WO2000/059199)

[30] GB (9906970.0) 1999-03-25

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[21] **2,363,482**

[13] A1

[51] **Int.Cl. 7C09D 167/00**

[25] EN

[54] **BADGE-FREE CAN COATING**

[54] **REVETEMENT POUR BOITE-  
BOISSON SANS ETHER DE  
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(BADGE)**

[72] VOGT, CHRISTIAN, DE

[72] AMBROSI, PETER, DE

[71] W.R. GRACE & CO.-CONN., US

[85] 2001-09-14

[86] 2000-02-10 (PCT/EP2000/001065)

[87] 2000-09-21 (WO2000/055265)

[30] DE (199 12 794.8) 1999-03-16

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[21] **2,363,434**

[13] A1

[51] **Int.Cl. 7H04M 15/00**

[25] EN

[54] **BILL PROCESSING SYSTEM**

[54] **SYSTEME DE TRAITEMENT DE  
FACTURE**

[72] ANDERSON, SAMUEL, GB

[72] MILLSOPP, EDWARD, GB

[72] CANAVAN, ANGELA ROSE, GB

[72] BRANKIN, STEPHEN, GB

[71] BRITISH TELECOMMUNICATIONS  
PUBLIC LIMITED COMPANY, GB

[85] 2001-09-19

[86] 2000-03-22 (PCT/GB2000/001100)

[87] 2000-10-05 (WO2000/059200)

[30] GB (9906971.8) 1999-03-25

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[21] **2,363,441**

[13] A1

[51] **Int.Cl. 7H04N 5/445**

[25] EN

[54] **DECIMATION METHOD FOR  
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[54] **PROCEDE A DECIMATION  
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[72] NG, ARTHUR Y., US

[72] O'CONNOR, DANIEL C., US

[71] INDEX SYSTEMS, INC., VG

[85] 2001-09-18

[86] 2000-03-31 (PCT/US2000/008591)

[87] 2000-10-05 (WO2000/059213)

[30] US (60/127,270) 1999-03-31

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[21] **2,359,695**  
[13] A1  
[51] **Int.Cl. 7B61D 3/04 7B61D 17/00**  
[25] EN  
[54] **WELL CAR STRUCTURE**  
[54] **STRUCTURE DE WAGON PLAT**  
**SURBAISSE**  
[72] BUTCHER, RONALD S., CA  
[72] FORBES, JAMES W., CA  
[71] NATIONAL STEEL CAR LIMITED,  
CA  
[22] 1995-04-10  
[43] 1995-10-09  
[62] 2,146,709  
[30] US (08/225,383) 1994-04-08

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[21] **2,362,627**  
[13] A1  
[51] **Int.Cl. 7H04N 7/16**  
[25] EN  
[54] **IMPROVED ELECTRONIC**  
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**GUIDE SYSTEM AND METHOD**  
[54] **SYSTEME ELECTRONIQUE**  
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[72] YOUMAN, ROGER, US  
[72] MORRIS, MICHAEL, US  
[72] DAVIS, BRUCE, US  
[72] ALTEN, JERRY, US  
[71] UNITED VIDEO PROPERTIES, INC.,  
US  
[22] 1994-05-20  
[43] 1995-11-30  
[62] 2,190,744

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[21] **2,362,630**  
[13] A1  
[51] **Int.Cl. 7H04N 7/16**  
[25] EN  
[54] **IMPROVED ELECTRONIC**  
**TELEVISION PROGRAM SCHEDULE**  
**GUIDE SYSTEM AND METHOD**  
[54] **SYSTEME ELECTRONIQUE**  
**AMELIORE RELATIF A UN GUIDE DE**  
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[72] ALTEN, JERRY, US  
[72] DAVIS, BRUCE, US  
[72] MORRIS, MICHAEL, US  
[72] YOUMAN, ROGER, US  
[71] UNITED VIDEO PROPERTIES, INC.,  
US  
[22] 1994-05-20  
[43] 1995-11-30  
[62] 2,190,744

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[21] **2,362,636**  
[13] A1  
[51] **Int.Cl. 7G01F 23/284**  
[25] EN  
[54] **PARTIAL PROBE MAPPING**  
[54] **MAPPAGE PAR IMMERSION**  
**PARTIELLE DE SONDE**  
[72] WARTMANN, GERD, US  
[72] PERDUE, KENNETH L., US  
[72] CUMMINGS, DONALD D., US  
[72] MCCARTHY, WILLIAM PATRICK,  
US  
[71] ENDRESS + HAUSER GMBH + CO.,  
DE  
[22] 1999-01-06  
[43] 1999-07-09  
[62] 2,257,761  
[30] US (09/004,906) 1998-01-09  
[30] US (09/219,787) 1998-12-23



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COX, Karmen D.	2,230,596	EMERSON ELECTRIC CO.	2,230,596	GLAXO GROUP LIMITED	2,094,726
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Russo, Sergio	2,120,392	Smith, Robert J.	2,057,055	THE PROCTER & GAMBLE COMPANY	2,235,813
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TOWNSEND, Donald J.	2,199,127	WESTINGHOUSE ELECTRIC CORPORATION	2,059,452
TOYOTA JIDOSHA KABUSHIKI KAISHA	2,263,065	Wheatley, Charles E., III	2,072,989
TOYOTA SCHOOL FOUNDATION	2,263,065	Wheatley, Charles E., III	2,073,027
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Trivedi, Bharat Kalidas	2,054,209	WHITTEMORE, Marilyn S.	2,233,363
Trotter, John Andrew	2,183,802	Wiener, Robert James	2,000,774
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TRW INC.	2,300,650	Wilmore, Douglas W.	2,057,055
TUCKER, Matthew A.	2,270,890	Wilson, William N.	2,036,660
TURNER, Leigh R.	2,270,969	Winkler, Gary Alexander	2,189,506
Tymes, LaRoy	2,051,212	Witt, Peter R.	2,095,862
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UCHIDA, Yoshinori	2,230,231	Wm. Wrigley Jr. Company	2,199,126
UMEZAWA, Kazuhiko	2,233,481	Wm. Wrigley Jr. Company	2,199,127
UNAXIS BALZERS AKTIENGESELLSCHAFT	2,023,049	Woeldike, Helle F.	2,082,259
UNILEVER PLC	2,051,357	Wolff, Per	2,085,339
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Urquhart, Andrew Willard	2,000,792	WU, KUANG-YI	2,285,283
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VALMET FIBERTECH AKTIEBOLAG	2,096,334	XEROX CORPORATION	2,233,851
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3044105 NOVA SCOTIA LIMITED	2,351,824	AUSIMONT, S.P.A.	2,351,779	PATRICK	2,351,851
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ABU-FARHA, NAJEH	2,312,864	BAHAR, MEHMET	2,350,956	PATRICK	2,351,864
ABUSLEME, JULIO	2,351,779	BAKER HUGHES INCORPORATED	2,351,159	BOOTH, WAYNE A.	2,351,263
ABUYAMA, YASUO	2,349,933	BAKER HUGHES INCORPORATED	2,351,769	BOOTH, WAYNE A. AND GORDA, PATRICK W.	
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ACHARYA, ARUN	2,351,864	BALTIMORE AIRCOIL COMPANY, INC.	2,346,351	BORDEAUX, ROBERT J.	2,351,236
ADAMIC, DWIGHT L.	2,312,550	BANNO, KOJI	2,351,453	BORUP, RODNEY LYNN	2,343,262
ADIR ET COMPAGNIE	2,351,833	BARDHAN, BARI BARON BIBBY	2,311,879	BOUTILIER, ANNETTE P.	2,351,824
ADIR ET COMPAGNIE	2,352,405	BARDHAN, BIBHUTI BHUSAN	2,311,879	BOWMAN, STEVEN M.	2,351,768
AERMACCHI S.P.A.	2,350,970	BARLETT, ERNEST ROSS	2,351,147	BRENNAN, TIMOTHY CHARLES III	2,351,742
AGA, MASAMI	2,350,350	BARRETT, BRAD C.	2,317,866	BROAD, ROBERT P.	2,350,295
AGERE SYSTEMS OPTOELECTRONICS GUARDIAN CORPORATION	2,350,092	BARTZ, WILFRIED	2,351,152	BROCCO, MAURICETTE	2,352,405
AHMAD, DARAKHSHAN	2,313,110	BASKWILL, GEOFF	2,312,864	BROUSSEAU, PATRICK	2,351,002
AIR PRODUCTS AND CHEMICALS, INC.	2,350,881	BATES, CARY LEE	2,349,906	BROWN, RONALD E.	2,333,209
AIZAWA, YOSIKATSU	2,351,875	BATES, GEORGE III	2,351,294	BROWN, STEVEN H.	2,351,951
AL GHATTA, HUSSAIN	2,351,758	BATTINI, MASSIMO	2,350,970	BRUKER, IZI	2,351,768
ALCATEL	2,351,778	BAUGH, JOHN L.	2,351,159	BRUSS, FRANZ-FERDINAUD	2,351,255
ALGIMANTAS, STASYTIS	2,351,785	BAUMANN, FRANZ-ERICH	2,351,152	BULAN, ANDREAS	2,351,746
ALSTOM	2,351,106	BAYER		BULAN, ANDREAS	2,351,752
ALSTOM	2,351,120	AKTIENGESELLSCHAFT	2,351,746	BUSE, JOHN BERNARD	2,351,796
AMINOT, GILLES	2,312,509	BAYER AKTIENGESELLSCHAFT	2,351,752	BUSH, CHARLES L., JR.	2,348,810
AMPLEMAN, GUY	2,351,002	BECTON DICKINSON AND COMPANY	2,348,984	BUSH, CHARLES L., JR.	2,348,984
AMSTED INDUSTRIES INCORPORATED	2,346,270	BECTON, DICKINSON AND COMPANY	2,348,810	CAI, LIMING	2,351,900
ANCA, MICHAEL	2,311,987	BELL, SUSAN D.	2,351,444	CAI, WEILING	2,351,256
ANDERGAUGE LIMITED	2,351,270	BELLER, JOHANN	2,350,859	CALETKA, DAVID V.	2,350,057
ANDERSEN CORPORATION	2,328,512	BENTE, PAUL	2,347,514	CAM, RICHARD	2,313,087
ANTIA, YEZDI	2,351,702	BERG TECHNOLOGY, INC.	2,350,072	CAMPBELL, CHRISTOPHER M.	2,351,231
APOSTOLO, MARCO	2,351,779	BERGER INSTRUMENTS, INC.	2,347,514	CARGILL, INCORPORATED	2,351,282
APOSTOLO, MARCO	2,351,858	BERGER, TERRY A.	2,347,514	CARMICHAEL, CARLA S.	2,351,824
APPLETON INTERNATIONAL, INC.	2,351,811	BIDOCHKA, MICHAEL J.	2,351,274	CARMICHAEL, DONALD F.	2,351,824
ARCELLA, VINCENZO	2,351,779	BIGELOW, GEORGE JR.	2,325,246	CARPER, JAMES L.	2,350,057
ARCELLA, VINCENZO	2,351,858	BIGELOW, GEORGE SR.	2,325,246	CASE, MANSON DREW	2,346,748
ARCHAMBAULT, MARCEL	2,311,085	BINKLEY, ROBERT C.C.	2,311,986	CASPER, ROBERT	2,312,505
ARMAN, BAYRAM	2,351,851	BISSETT, KEVIN J.	2,351,569	CERESTAR HOLDING B.V.	2,351,276
ARMAN, BAYRAM	2,351,862	BLACK & DECKER INC.	2,348,985	CHAN, MICHAEL KAI KIN	2,343,606
ARMAN, BAYRAM	2,351,864	BLACK, ALVIN	2,351,977	CHAN, STEPHEN	2,312,282
ARMSTRONG WORLD INDUSTRIES, INC.	2,345,187	BLACKMON, DONALD	2,351,280	CHANDA, ALAK	2,351,792
ARTHURS, FRANK E.	2,346,270	BODART, WILLY JOSEPH ROSA	2,351,989	CHARTON, YVES	2,351,833
ARUGA, KOTOYA	2,350,401	BOESCH, VOLKMAR	2,351,124	CHEADLE, BRIAN EDWARD	2,312,113
ASSETMETRIX, INC.	2,312,193	BOISVENU, CARLOMAN	2,311,699	CHEN, CHANG SHUN	2,311,686
ASSETMETRIX, INC.	2,344,008	BOMBARDIER INC.	2,350,972	CHEN, CHIH-MIN	2,313,262
ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP	2,351,989			CHEN, TONY H.H.	2,313,310
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COLBOW, KEVIN M.	2,351,871	COMPANY	2,347,255	GFI CONTROL SYSTEMS INC.	2,312,122
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RESEARCH		EBNER, PETER	2,349,693		2,312,186
LABORATORY,		ED GEISTLICH SOHNE AG		GFI CONTROL SYSTEMS INC.	
INDEPENDENT		FUR CHEMISCHE			2,312,237
ADMINISTRATIVE		INDUSTRIE	2,351,787	GHALEB, JOHN	2,312,020
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COMMUNICATIONS		EDDISON, ALAN MARTYN	2,351,270	GIBB, PETER R.	2,351,871
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ADMINISTRATIVE		EGERTER, NORBERT	2,351,071	GIROUARD, ERICK	2,312,122
INSTITUTI ON	2,351,271	EISMAN, LARRY	2,351,900	GIROUARD, ERICK	2,312,186
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CONRAD, HELMUT		ENDA, KENICHI	2,351,875	GOKTEPE, MEHMET	2,350,956
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COOLEY'S GARDENS, INC.	2,313,310	ENG, HOWARD B.	2,331,629	GOTTZMANN, CHRISTIAN	
COOPER CAMERON		ENG, LARS ERIC	2,350,092	FRIEDRICH	2,351,864
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CRARY, STEVEN F.	2,341,947	EPWORTH, LARRY NORMAN	2,312,261	MICHEL	2,312,175
CREAVIS GESELLSCHAFT		ERNST, RICHARD C.	2,313,310	GRETAG IMAGING TRADING	
FUR TECHNOLOGIE UND		ESCH, KLAUS	2,351,752	AG	2,348,310
INNOVATION MBH	2,351,747	E-TEK DYNAMICS, INC.	2,351,991	GSW INC.	2,312,694
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DAISO CO., LTD.	2,351,913	ETHICON, INC.	2,351,768	GUERET, JEAN-LOUIS	2,351,801
DAMAJ, MONA	2,313,110	ETHICON, INC.	2,351,797	GUERET, JEAN-LOUIS	2,351,803
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DANIELS, CHRISTIAN		ETHICON, INC.	2,351,930	GUILLOIN, BERTRAND	2,351,790
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ILLINOIS TOOL WORKS INC.	2,349,276	KAFRAWY, ADEL	2,351,930	LARBALETIER, ROBERT	2,351,496
ILLINOIS TOOL WORKS INC.	2,349,387	KAGOME KABUSHIKI KAISHA	2,351,782	LARRAIN, IGNACIO	2,351,300
ILLINOIS TOOL WORKS INC.	2,351,267	KAMINSKI, CLAUDIA	2,351,925	LAVIELLE, GILBERT	2,352,405
INSTITUT FRANCAIS DU PETROLE	2,351,109	KASTEN, ROBERT EUGENE	2,329,268	LAVOIE, ROBERT	2,312,638
INSTITUT FRANCAIS DU PETROLE	2,351,113	KAWAHARA, KAZUYOSHI	2,351,836	LE GOFF, GERARD	2,312,503
INSTITUT FRANCAIS DU PETROLE	2,351,832	KAWANISHI, TETSUYA	2,351,265	LEASK, JIM	2,313,135
INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE	2,313,110	KAWASAKI STEEL CORPORATION	2,312,279	LEBRON, GREG	2,327,848
INSTITUT NATIONAL D'OPTIQUE	2,312,636	KAWASAKI STEEL CORPORATION	2,312,279	LECOQ, DANIEL	2,312,503
INSTITUT NATIONAL D'OPTIQUE	2,312,646	KAWATANI, KOUICHI	2,351,744	LEE, BRIAN THOMAS	2,351,933
INSTITUT NATIONAL D'OPTIQUE	2,351,132	KAWATANI, KOUICHI	2,351,867	LEE, CHI-HWONG	2,313,156
INTERNATIONAL BUSINESS MACHINES CORPORATION	2,346,605	KAY, STAN	2,351,873	LEFEVRE, HERVE	2,312,517
INTERNATIONAL BUSINESS MACHINES CORPORATION	2,346,606	KDD SUBMARINE CABLE SYSTEMS INC.	2,351,702	LEFEVRE, HERVE	2,312,608
INTERNATIONAL BUSINESS MACHINES CORPORATION	2,349,906	KEOGH, RORY C.	2,350,021	LEHMANN, MATHIAS	2,348,310
INTERNATIONAL BUSINESS MACHINES CORPORATION	2,350,057	KHAN, ANWER	2,351,294	LELY RESEARCH HOLDING AG	2,348,209
INTERNATIONAL CATALYST TECHNOLOGY, INC.	2,351,754	KIBUN FOOD CHEMIFA CO., LTD.	2,351,702	LEMMON, NORMAN FREDERICK	2,329,268
INTERNATIONAL CATALYST TECHNOLOGY, INC.	2,351,815	KIM, DONG SEON	2,351,836	LENORMAND, ROLAND	2,351,109
		KIM, SANG BEOM	2,317,769	LES ENTREPRISES YVAN LAPORTE INC.	2,325,246
		KIMBERLY-CLARK WORLDWIDE, INC.	2,317,769	LESTAGE, PIERRE	2,351,833
		KIMOTO, KATSUMI	2,349,397	LEUNG, DAVID	2,312,540
		KING, WADE C.	2,349,933	LIM, IL HO	2,317,769
		KINGDREAM PUBLIC LIMITED COMPANY	2,348,985	LOCHNER, HERIBERT	2,349,693
		KINSEY, BRUCE F.	2,331,177	LOCKHART, BRIAN	2,351,833
		KITAJIMA, HIROAKI	2,334,461	LOEWEN, JONATHAN	2,313,087
		KITAJO, SAKAE	2,312,279	LOGAN, LEE R.	2,350,701
		KNAFELC, KEITH	2,344,778	LONG MANUFACTURING LTD.	2,312,113
		KNAFELC, LLOYD	2,312,527	L'OREAL	2,351,213
		KOBAYASHI, YASUHIKO	2,312,527	L'OREAL	2,351,215
		KOBEL, PETER	2,351,743	L'OREAL	2,351,219
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MCGILL UNIVERSITY	2,313,110	NORSCAN INSTRUMENTS LTD.	2,312,509	PFIZER PRODUCTS INC.	2,351,897
MEGURO, TADASHI	2,351,875	NORTEL NETWORKS LIMITED	2,312,864	PFIZER PRODUCTS INC.	2,351,902
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MEIER, REINHOLD	2,351,292	NORTEL NETWORKS LIMITED	2,351,771	PHILLIPS, STEPHEN CHARLES	2,351,904
MEMSCAP	2,351,790	NORTEL NETWORKS LIMITED	2,351,774	PHOTONETICS	2,312,517
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