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# THE PATENT OFFICE RECORD

## LA GAZETTE DU BUREAU DES BREVETS

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Commissioner of Patents

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Commissaire aux brevets

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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

## 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.

Those wishing to purchase a complete set of schedules covering all classes, including the Subject Matter Index and separate listings of all class titles, may do so from Micromedia Limited at a cost of \$25 (98 frame microfiche), or \$200 (paper).

## 5. How to Purchase Paper or Microform-copies of Canadian Patents and Canadian Laid-Open Applications

### A) Paper Copies

Paper copies of Canadian Patents numbers 1 to 445,930 can be purchased at a cost of four dollars (\$) per copy 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.

Les personnes qui désirent acheter une série complète des listes couvrant toutes les classes, y compris l'index des sujets et listes distinctes de tous les titres de classes, doivent s'adresser à Micromedia Limited. Le prix est de 25 \$ pour des microfiches à 98 cadres d'image ou de 200 \$ pour des copies sur papier.

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

### A) Copies sur papier

Les copies sur papier des brevets canadiens, numéros 1 à 445,930, sont disponibles au coût de quatre dollars (4 \$) par copie, en écrivant au Commissaire aux brevets, Ottawa-Hull, K1A 0C9.

## Notices

Paper copies of all Canadian Patents and Canadian Laid-Open Applications can be purchased at a cost of eight dollars (\$8) per copy plus estimated postage and taxes. Copies of these patents are available by writing or calling: Micromedia Limited, 240 Catherine Street, Suite 305, Ottawa, Ontario, Canada, K2P 2G8, Telephone (613) 237-4250, Facsimile (613) 237-4251.

Toll Free for North America: 1-800-567-1914

E-mail: tic@micromedia.on.ca

### B) Microform Copies

Copies of Canadian Patents from number 445,931 to date and Canadian Laid-Open Applications from number 2,000,001 to date can be purchased from Micromedia Limited at a cost of \$4 each (98 frame microfiche).

Beginning with Canadian Patent number 986,651, annual collections may be purchased from Micromedia Limited in the following categories:

- Abstracts of Canadian Patents issued weekly in numerical order (98 frame microfiche).
- Cover pages, claims and drawings of Canadian Patents issued weekly in numerical order (98 frame microfiche).
- Full text of Canadian Patents issued weekly in numerical order (16 mm microfilm).

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

Micromedia Limited will fill standing orders for all Canadian patents issuing in any class or subclass. Patents issuing after the date of the order will be supplied. Annual fee for this service is \$150 per class.

The charge of eight dollars (\$8) per paper copy or the charge of four dollars (\$4) per microfiche copy plus postage and taxes will apply for copies of all patents supplied.

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Les copies sur papier de tous les brevets canadiens et des demandes canadiennes mises à la disponibilité du public sont disponibles au coût de huit dollars (8 \$) par copie, plus l'affranchissement et les taxes. Il suffit d'écrire à Micromedia Limited, 240 rue Catherine, pièce 305, Ottawa (Ontario), Canada, K2P 2G8, ou de composer le numéro (613) 237-4250, Télécopieur (613) 237-4251.

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Courriel: tic@micromedia.on.ca

### B) Copies en microforme

Les copies des brevets canadiens à partir du numéro 445,931 et des demandes canadiennes mises à la disponibilité, du public à partir du numéro 2,000,001 sont disponibles chez Micromedia Limited au coût de 4 \$ chacune (microfiche à 98 cadres d'image).

On peut également se procurer auprès de Micromedia Limited, à partir du numéro de brevet 986,651, des séries annuelles dans les catégories suivantes:

- Précis de brevets canadiens délivrés chaque semaine par ordre numérique (microfiche à 98 cadres d'image).
- Pages couvertures, revendications et dessins de brevets canadiens délivrés chaque semaine par ordre numérique (microfiche à 98 cadres d'image).
- Exemplaires complets de brevets canadiens délivrés, chaque semaine, par ordre numérique (microfilm 16 mm).

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

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## Avis

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Numéro sans frais Amérique du Nord: 1-800-567-1914

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Courriel: tic@micromedia.on.ca

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

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. 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.

### 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. 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.

### 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.

#### 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.

#### 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. 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.

### 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.

## Notices

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

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

**2,149,479**

**2,193,462**

**2,214,862**

**2,257,556**

### 11. Expired Patents

For patent applications filed before October 1, 1989, the life of a Canadian patent is 17 years. Consequently all Canadian patents up to and including No. 1,167,600 which issued on May 15, 1984 have now expired. The inventions covered by these and all earlier patents may now be used by the public in Canada provided other unexpired patents are not infringed.

### 12. Laid-Open Applications

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

### 13. Language of Published Documents

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

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

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

2,149,479

2,193,462

2,214,862

2,257,556

### 11. Brevets expirés

Pour toutes les demandes de brevet déposées avant le 1er octobre 1989, la durée d'un brevet canadien est de 17 ans. Par conséquent, tous les brevets canadiens qui ont été délivrés le 15 mai 1984 sont maintenant expirés, jusque et y compris le no. 1,167,600. Les inventions faisant l'objet de ces brevets et de tout brevet antérieur peuvent maintenant être utilisées par le public au Canada, pourvu qu'il n'y ait pas contre façon d'autres brevets non expirés.

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

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

### 13. Langue du document publié

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



## Avis

### 14. Patent Cooperation Treaty (PCT)

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

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

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

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

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

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

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

#### Preliminary Examination

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

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

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

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

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

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

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

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

#### Examen préliminaire

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

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

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

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

## Notices

### 15. PCT Notices

#### PCT Signature Requirements

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

#### Patent Cooperation Treaty (PCT)

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

#### New Member State

On May 7, 2001, **Ecuador** (country code: **EC**) became the 110th contracting State of PCT at both the Chapter I and II levels

### 15. Avis PCT

#### Exigences des signatures du PCT

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

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

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

#### Nouvel État Membre

Le 7 mai 2001, **Équateur** (code du pays: **EC**) est devenu le 110ième pays membre des États contractants du PCT au niveau des Chapitres I et II.

## Avis

### 16. Lay-Open Applications

The Patent Office Record of May 15, 2001 contains laid-open applications from April 22, 2001 - April 28, 2001.

### 17. Notice to Clients: Possible Service Interruption

As of 00:01 on May 19, 2001, employees of the Canadian Intellectual Property Office (CIPO) belonging to the Computer Services (CS) group of the Professional Institute of Public Servants of Canada (PIPSC) may be in a strike position. In the event of any work stoppage, CIPO will endeavour to ensure that service to our clients continues with the least possible disruption or delay.

Any work stoppage may prevent hand deliveries from being accepted and/or date stamped, however, it remains the responsibility of CIPO's clients to ensure that deadlines are respected. CIPO has made arrangements to ensure that mail sent through Canada Post is processed as usual. Therefore, clients are advised that date sensitive material should be sent through Canada Post by registered mail or faxed to CIPO at 819-953-CIPO (819-953-2476).

We will continue to respond to telephone enquiries, however, some e-mail and search systems may not be available for extended periods of time. Your cooperation and patience is appreciated.

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

Ce numéro de la Gazette des brevets du Canada contient les demandes disponibles au public pour consultation pour la période du 22 avril 2001 - 28 avril 2001.

### 17. Avis aux Clients: Interruption des services possible

A compter de minuit et une minute le 19 mai 2001, les employés de l'Office de la propriété intellectuelle du Canada (OPIC) qui font partie du groupe Gestion des systèmes d'ordinateurs (CS), de l'Institut professionnel de la fonction publique du Canada (IPFPC), seront potentiellement en droit de faire la grève. Dans l'éventualité d'un arrêt de travail, l'OPIC s'efforcera d'assurer un service à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Un arrêt de travail pourrait empêcher le courrier d'être livré, par porteur et/ou daté. Le client de l'OPIC demeure toutefois responsable du respect des échéanciers prévus. L'OPIC a pris les mesures nécessaires pour que le courrier acheminé, par l'entremise de Postes Canada soit livré, comme à l'habitude. Par conséquent, nous recommandons aux clients d'acheminer, par courrier recommandé, le matériel dépendant des dates par l'intermédiaire de Postes Canada ou encore de le télécopier à l'OPIC au numéro suivant : 819-953-CIPO (819-953-2476).

Nous continuerons de répondre aux demandes de renseignements téléphoniques. Cependant, certains systèmes de courrier électronique ou de recherche ne seront peut-être pas disponibles pour des périodes prolongées. Nous apprécions grandement votre patience et votre collaboration.

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[73] Härle, Hermann, DE  
[22] 1990-09-20  
[30] DE (P 39 38 346.6) 1989-11-17

[11] 2,025,825  
[13] C

[51] Int.Cl. 5A61K 7/021  
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[54] AGENT POUR BLANCHIR LA PEAU  
[72] Mishima, Yutaka, JP  
[72] Oyama, Yasuaki, JP  
[72] Kurimoto, Masashi, JP  
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[73] MISHIMA, YUTAKA, JP  
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[22] 1990-09-20  
[30] JP (241707/1989) 1989-09-20

[11] 2,026,488  
[13] C

[51] Int.Cl. 5C10C 3/08  
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[54] METHODE D'ISOLEMENT DU BRAI DE PHASE MESOMORPHE  
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[54] **LIT A MODULE AUDIO-VIDEO ESCAMOTABLE**  
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[73] Jones, Thomas Lucius, US  
[22] 1990-10-03  
[30] US (419,555) 1989-10-10

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[11] **2,028,500**  
[13] C

[51] **Int.Cl. 5G12B 9/02**  
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[54] **SOCLE PROTEGE CONTRE LES INTEMPERIES**  
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[73] MARCONI COMMUNICATIONS, INC., US  
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[22] 1990-11-21

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[11] **2,032,068**  
[13] C

[51] **Int.Cl. 5A61K 47/26 5A61K 9/26**  
[25] EN  
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[73] MERRELL PHARMACEUTICALS INC., US  
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[72] Sjostrom, Douglas Dana, US  
[73] SURGICAL DYNAMICS INC., US  
[22] 1991-01-09  
[30] US (463,176) 1990-01-10

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[13] C

[51] **Int.Cl. 5C07C 21/215 5A61K 31/035 5A61K 31/045 5C07C 33/42 5C07F 9/53**  
[25] EN  
[54] **DI- AND TETRA-FLUORO ANALOGS OF SQUALENE AS INHIBITORS OF SQUALENE EPOXIDASE**  
[54] **ANALOGUES DI- ET TETRAFLUORES DU SQUALENE EN TANT QU'INHIBITEURS DE LA SQUALENE-EPOXYDASE**  
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[13] C

[51] **Int.Cl. 5B01J 27/185 5C07C 69/02 5C07F 7/18 5C07C 67/38 5C07C 69/54**  
[25] EN  
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[54] **SYSTEME DE CATALYSEUR DE CARBONYLATION**  
[72] Drent, Eit, NL  
[73] SHELL CANADA LIMITED, CA  
[22] 1991-01-25  
[30] GB (9002521.4) 1990-02-05

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[13] C

[51] **Int.Cl. 5C10M 135/18 5C10M 163/00**  
[25] EN  
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[54] **COMPOSITIONS LUBRIFIANTES**  
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[72] Norman, Stephen, US  
[72] Conary, Gregory S., US  
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[13] C

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[25] EN  
[54] **DEVICE FOR FIXING BEATER BARS IN PERIPHERAL CUT-OUTS OF IMPACT CRUSHER ROTORS**  
[54] **FIXATION DES BARRES CANS LES ENCOCHES PERIPHERIQUES DE ROTORS DE CONCASSEUR A PERCUSSION**  
[72] Bergmann, Werner, DE  
[72] Heukamp, Volker, DE  
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[22] 1991-02-28  
[30] DE (P 40 06 329.1) 1990-03-01

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[13] C

[51] **Int.Cl. 5B01J 29/04 5C07C 15/08 5C07C 6/12**  
[25] EN  
[54] **CATALYST AND PROCESS FOR THE SELECTIVE PRODUCTION OF PARA-DIALKYL SUBSTITUTED BENZENES**  
[54] **METHODE ET CATALYSEUR POUR LA PREPARATION SELECTIVE DE DERIVES DE SUBSTITUTION DU BENZENE DIALKYLES EN PARA**  
[72] Absil, Robert Peter Leonard, US  
[72] Han, Scott, US  
[72] Mitko, Donna, US  
[72] CHANG, CLARENCE DAYTON, US  
[72] Marler, David Owen, US  
[72] Shihabi, David Said, US  
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[22] 1991-03-01  
[30] US (497,046) 1990-03-21  
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[54] **ACCESSOIRE**  
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[72] Flanagan, John, GB  
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[25] EN  
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GALACTOSYLTRANSFERASE, ITS  
PRODUCTION PROCESS AND ITS USE  
[54] .BETA.-  
GALACTOSYLTRANSFERASE  
THERMORESISTANTE, PROCEDE DE  
PRODUCTION ET UTILISATION  
[72] Nakayama, Toru, JP  
[72] Kodama, Yukiko, JP  
[72] Amano, Norihide, JP  
[72] Nakao, Masahiro, JP  
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[72] Amachi, Teruo, JP  
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[11] 2,039,039  
[13] C

[51] Int.Cl. 5C07D 239/46 5A61K 31/505  
[25] EN  
[54] PYRIMIDINE NUCLEOSIDE  
DERIVATIVE AND ANTIVIRAL AGENT  
CONTAINING THE DERIVATIVE AS  
ACTIVE INGREDIENT  
[54] DERIVE DE NUCLEOSIDE  
PYRIMIDIQUE ET AGENT ANTIVIRAL  
CONTENANT LE DERIVE EN TANT  
QU'INGREDIENT ACTIF  
[72] Miyasaka, Tadashi, JP  
[72] Walker, Richard Thomas, JP  
[72] Ubasawa, Masaru, JP  
[72] Tanaka, Hiromichi, JP  
[72] BABA, MASANORI, JP  
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[11] 2,040,944  
[13] C

[51] Int.Cl. 5G01F 1/76  
[25] EN  
[54] METHOD AND APPARATUS FOR  
THE COMBINED USE OF DUAL  
DENSITY MEASUREMENTS TO  
ACHIEVE A FAST AND ACCURATE  
DENSITY MEASUREMENT IN  
PNEUMATICALLY TRANSPORTED  
SOLIDS  
[54] METHODE ET APPAREIL DE  
MESURE DIFFERENTIELLE DE  
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SYSTEME DE TRANSPORT  
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[72] Bass, Ronald Marshall, US  
[73] SHELL CANADA LIMITED, CA  
[22] 1991-04-22  
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[11] 2,041,638  
[13] C

[51] Int.Cl. 5C12N 15/15 5C12P 21/02  
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6C07K 14/81  
[25] EN  
[54] RECOMBINANT  
POLYNUCLEOTIDE CONSTRUCTS  
SUITABLE FOR PROVIDING  
SECRETION OF PAI-2  
[54] PRODUITS DE  
POLYNUCLEOTIDE RECOMBINANTS  
SERVANT A FOURNIR DES  
SECRETIONS DE PAI-2  
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[72] Richardson, Michael A., AU  
[72] Bunn, Clive L., AU  
[73] Biotechnology Australia Pty. Ltd., AU  
[85] 1991-05-03  
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[87] (WO91/03556)  
[30] AU (PJ6179) 1989-09-05

[11] 2,042,067  
[13] C

[51] Int.Cl. 5G06F 15/72  
[25] FR  
[54] PROCEDE DE MODELISATION  
D'UNE SURFACE ET DISPOSITIF  
POUR SA MISE EN OEUVRE  
[54] METHOD AND DEVICE FOR  
MODELING A SURFACE  
[72] Mallet, Jean-Laurent, FR  
[73] SOCIÉTÉ NATIONALE ELF  
AQUITAINE (PRODUCTION), FR  
[73] TOTAL, COMPAGNIE FRANÇAISE  
DES PÉTROLES, FR  
[73] COMPAGNIE GÉNÉRALE DE  
GÉOPHYSIQUE, FR  
[73] ASSOCIATION SCIENTIFIQUE  
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[85] 1991-05-17  
[86] 1990-09-19 (PCT/FR90/00676)  
[87] (WO91/04544)  
[30] FR (89 12 341) 1989-09-20

[11] 2,043,763  
[13] C

[51] Int.Cl. 5C12P 17/16  
[25] EN  
[54] ENANTIOMERICALLY  
SELECTIVE BIOCATALYZED  
ACYLATION  
[54] ACYLATION BIOCATALYSEE,  
SELECTIVE POUR LES  
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[72] Zmijewski, Milton Joseph, Jr., US  
[73] ELI LILLY AND COMPANY, US  
[22] 1991-06-03  
[30] US (07/535,086) 1990-06-08  
[30] US (07/591,586) 1990-10-02

[11] 2,044,436  
[13] C

[51] Int.Cl. 5H04M 15/00  
[25] EN  
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[73] NORTEL NETWORKS LIMITED, CA  
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[13] C

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[25] EN  
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[54] **UNITE D'ABONNE A AUTO-LOCALISATION POUR SYSTEME DE COMMUNICATION PAR SATELLITE CELLULAIRE**  
[72] Durboraw, Isaac Newton, III, US  
[73] MOTOROLA, INC., US  
[22] 1991-06-12  
[30] US (554,657) 1990-07-19

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[13] C

[51] **Int.Cl. 5B60P 1/04 5B62D 21/02 5B60G 21/073 5B62D 21/18 5B60P 1/28**  
[25] EN  
[54] **IMPROVED LARGE TRUCK**  
[54] **CAMION DE GRANDE LARGEUR**  
[72] Dickerson, Alan William, AU  
[73] BHP AUSTRALIA COAL PTY LTD., AU  
[85] 1991-08-28  
[86] 1990-03-02 (PCT/AU90/00084)  
[87] (WO90/09907)  
[30] AU (PJ3029) 1989-03-03  
[30] AU (PJ6255) 1989-09-08  
[30] AU (PJ7941) 1989-12-21

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[13] C

[51] **Int.Cl. 5A61N 1/34 5A61N 1/05 5A61N 1/40**  
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[54] **APPAREIL D'ELECTROTHERAPIE**  
[72] Matthews, Tony, GB  
[73] Matthews, Tony, GB  
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[87] (WO90/09811)  
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[13] C

[51] **Int.Cl. 5G05B 24/02 5F16C 32/04**  
[25] EN  
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[54] **COMMUTATEUR DE CHARGES INDUCTIVES A PORTILLONNAGE SIMPLIFIE**  
[72] Eisenbart, Gyula, CA  
[72] Geerligs, John, CA  
[72] Bardas, Theodor, CA  
[73] NOVA GAS TRANSMISSION LTD., CA  
[22] 1991-10-11

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[11] **2,054,036**  
[13] C

[51] **Int.Cl. 5B01J 7/00 5C21D 1/76**  
[25] FR  
[54] **PROCEDE D'ELABORATION D'UNE ATMOSPHERE DE TRAITEMENT THERMIQUE ET INSTALLATION DE TRAITEMENT THERMIQUE**  
[54] **DEVELOPEMENT PROCESS OF A THERMAL TREATMENT ATMOSPHERE AND THERMAL TREATMENT PLANT**  
[72] Rancon, Yannick, FR  
[72] Duchateau, Eric, FR  
[72] Queille, Philippe, FR  
[73] Air Liquide, société anonyme pour l'Étude et l'Exploitation des, FR  
[22] 1991-10-25  
[30] FR (90 13279) 1990-10-26

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[11] **2,054,682**  
[13] C

[51] **Int.Cl. 5H04B 7/26**  
[25] EN  
[54] **DYNAMIC ALLOCATION OF ROAMER ROUTING NUMBERS SYSTEM AND METHOD**  
[54] **SYSTEME ET METHODE D'AFFECTATION DYNAMIQUE DE NUMEROS D'ACHEMINEMENT POUR LES APPELS HORS DU SECTEUR LOCAL**  
[72] Kunz, David Paul, CA  
[73] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
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[87] (WO91/14349)  
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[13] C

[51] **Int.Cl. 5H04N 7/173**  
[25] FR  
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[54] **TREE ARCHITECTURE INTERACTIVE TELEDISTRIBUTION NETWORK**  
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[72] Elkaim, Simon, FR  
[73] Société LYONNAISE COMMUNICATIONS, FR  
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[87] (WO91/14343)

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[13] C

[51] **Int.Cl. 5F16K 1/22**  
[25] EN  
[54] **BUTTERFLY VALVE APPARATUS AND METHOD**  
[54] **APPAREIL A ROBINET A PAPILLON ET METHODE CONNEXE**  
[72] Ball, Larry K., US  
[72] Hines, Marshall U., US  
[72] Miller, Terry L., US  
[73] ALLIEDSIGNAL INC., US  
[85] 1991-12-04  
[86] 1990-06-05 (PCT/US90/03181)  
[87] (WO91/00451)  
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[30] US (422,210) 1989-10-16

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[13] C

[51] **Int.Cl. 5H04B 7/26**  
[25] EN  
[54] **METHOD OF PREDICTING FUTURE MEASURING VALUES OF HANDOFF DECISIONS**  
[54] **METHODE PERMETTANT DE PREVOIR LES VALEURS FUTURES DE MESURE PAR SUITE DE DECISIONS DE TRANSFERT**  
[72] Israelsson, Per Viktor, SE  
[72] Gudmundsson, Perols Björn Olof, SE  
[73] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
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[86] 1991-03-13 (PCT/SE91/00191)  
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[51] **Int.Cl. 5B01D 19/04**  
[25] EN  
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[54] **AGENTS ANTIMOUSSE A BASE DE SILICONE EMULSIONNEE, PUIS GELIFIEE**  
[72] Hill, Randal M., US  
[72] Starch, Michael S., US  
[72] Gaul, Margaretmary S., US  
[73] DOW CORNING CORPORATION, US  
[22] 1992-01-09  
[30] US (645,540) 1991-01-24

[11] 2,059,193  
[13] C

[51] **Int.Cl. 5G06F 3/12**  
[25] EN  
[54] **APPARATUS AND TECHNIQUES FOR COMPUTERIZED PRINTING**  
[54] **APPAREIL ET METHODES D'IMPRESSION INFORMATISEE**  
[72] Bronstein, Rafail, IL  
[72] Spiegel, Ehud, IL  
[72] Bareket, Miriam, IL  
[72] Carlebach, Ephraim E., IL  
[72] Beiber, Avigdor, IL  
[73] CREOSCITEX CORPORATION LTD., IL  
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[30] IL (96957) 1991-01-15  
[30] IL (96955) 1991-01-15  
[30] IL (97147) 1991-02-04

[11] 2,060,061  
[13] C

[51] **Int.Cl. 5G11B 15/467**  
[25] EN  
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[54] **SERVOCOMMANDE DE MAGNETOSCOPE**  
[72] Nagai, Yasuo, JP  
[72] Yoshihiro, Mitsugu, JP  
[73] SONY CORPORATION, JP  
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[11] 2,061,170  
[13] C

[51] **Int.Cl. 5F01N 1/00**  
[25] EN  
[54] **FIELD INSTALLABLE CHOKE TUBE**  
[54] **BUSE POUVANT ETRE POSEE SUR PLACE**  
[72] Schuh, David N., CA  
[73] BETA MACHINERY ANALYSIS LTD., CA  
[22] 1992-02-13

[11] 2,061,610  
[13] C

[51] **Int.Cl. 5B29C 65/20 5A61M 25/00**  
[25] EN  
[54] **TOTAL CONTAINMENT WELDING OF PLASTIC TUBES**  
[54] **SOUDAGE DE TUBES DE PLASTIQUE ABOUTES**  
[72] Spencer, Dudley W. C., US  
[72] Shaposka, John B., US  
[73] Denco, Inc., US  
[22] 1992-02-20  
[30] US (782,977) 1991-04-10

[11] 2,063,392  
[13] C

[51] **Int.Cl. 5B65D 88/14 5B65D 6/00 5F16B 5/02 5F16B 5/12**  
[25] EN  
[54] **METHOD AND APPARATUS FOR STRUCTURAL ATTACHMENT OF POLYCARBONATE PLASTIC SHEET TO SUPPORTING STRENGTH MEMBERS AND AIR CARGO CONTAINER UTILIZING SAME**  
[54] **DISPOSITIF D'ASSEMBLAGE DE FEUILLES DE PLASTIQUE POLYCARBONATE SUR DES ELEMENTS D'OSSATURE ET CONTENEUR DE FRET AERIEN FABRIQUE SELON CE PROCEDE**  
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[73] Looker, Robert, US  
[85] 1991-12-30  
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[87] (WO91/17934)  
[30] US (527,042) 1990-05-22

[11] 2,064,764  
[13] C

[51] **Int.Cl. 5H03F 3/26**  
[25] EN  
[54] **LOW OFFSET VOLTAGE UNITY GAIN BUFFER AMPLIFIER**  
[54] **AMPLIFICATEUR TAMPON A GAIN UNITE A FAIBLE TENSION DE DECALAGE**  
[72] Jost, Steven R., US  
[73] HARRIS CORPORATION, US  
[85] 1992-02-14  
[86] 1991-06-18 (PCT/US91/04341)  
[87] (WO91/20125)  
[30] US (540,490) 1990-06-18

[11] 2,065,353  
[13] C

[51] **Int.Cl. 5A23N 15/06 5B65D 88/74**  
[25] EN  
[54] **METHOD AND APPARATUS FOR SUBJECTING PRODUCE TO A CONTROLLED ATMOSPHERE**  
[54] **PROCEDE DE MISE SOUS ATMOSPHERE CONTROLEE ET DISPOSITIF CORRESPONDANT**  
[72] Adams, Glenn Ronald, AU  
[72] Wallace, Graeme Bruce, AU  
[73] DOLE FOOD COMPANY, INC., US  
[85] 1992-02-27  
[86] 1990-07-02 (PCT/AU90/00283)  
[87] (WO91/01094)  
[30] AU (PJ5353) 1989-07-19

[11] 2,067,188  
[13] C

[51] **Int.Cl. 5G02B 21/00**  
[25] EN  
[54] **MULTI-COLOR LASER SCANNING CONFOCAL IMAGING SYSTEM**  
[54] **SYSTEME D'IMAGERIE COULEUR A BALAYAGE PAR LASER**  
[72] Brelje, Todd Clark, US  
[72] Sorenson, Robert L., US  
[73] THE REGENTS OF THE UNIVERSITY OF MINNESOTA, US  
[85] 1992-04-07  
[86] 1991-01-28 (PCT/US91/00607)  
[87] (WO92/02839)  
[30] US (07/565,625) 1990-08-10

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[13] C

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[25] EN  
[54] **WINDOW MASTIC STRIP HAVING IMPROVED, FLOW-RESISTANT POLYMERIC MATRIX**  
[54] **BANDE DE MASTIC POUR FENETRES A MATRICE POLYMERIQUE AYANT UNE RESISTANCE A L'ECOULEMENT AMELIOREE**  
[72] Krysiak, Gary D., US  
[72] Box, James A., US  
[73] TruSeal Technologies, Inc., US  
[22] 1992-06-03  
[30] US (07/710,224) 1991-06-04  
[30] US (07/870,732) 1992-04-16

[11] **2,072,355**  
[13] C

[51] **Int.Cl. 5A61K 35/14 6A61K 38/48**  
[25] EN  
[54] **FIBRIN SEALANT DELIVERY METHOD**  
[54] **METHODE DE DIFFUSION D'UN AGENT DE SCELLEMENT DE LA FIBRINE**  
[72] Morse, Brenda Smith, US  
[72] Turner, A. Denise, US  
[72] McNally, Robert T., US  
[73] Cryolife, Inc., US  
[85] 1992-06-25  
[86] 1991-01-02 (PCT/US91/00003)  
[87] (WO91/09641)  
[30] US (460,379) 1990-01-03

[11] **2,074,936**  
[13] C

[51] **Int.Cl. 5H01R 4/02**  
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[54] **DEVICE FOR FORMING SOLDER CONNECTIONS**  
[54] **DISPOSITIF POUR L'OBTENTION DE BORNES SOUDEES**  
[72] Lamome, Alain, FR  
[73] Raychem S.A., FR  
[85] 1992-07-29  
[86] 1991-01-30 (PCT/GB91/00130)  
[87] (WO91/11831)  
[30] GB (9002093.4) 1990-01-30

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[13] C

[51] **Int.Cl. 5H01L 31/02 5H04B 10/06**  
[25] EN  
[54] **OPTOELECTRONIC INTEGRATED CIRCUIT DEVICE**  
[54] **CIRCUIT INTEGRE OPTOELECTRONIQUE**  
[72] Sasaki, Goro, JP  
[73] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP  
[22] 1992-07-30  
[30] JP (194527/1991) 1991-08-02  
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[30] JP (227267/1991) 1991-09-06

[11] **2,076,507**  
[13] C

[51] **Int.Cl. 5H01J 49/26**  
[25] EN  
[54] **SIMPLE COMPACT ION MOBILITY SPECTROMETER**  
[54] **SPECTROMETRE DE MOBILITE IONIQUE COMPACT**  
[72] Thekkadath, Govindanunny, CA  
[73] CPAD Holdings, Ltd., CA  
[22] 1992-08-20  
[30] US (747,857) 1991-08-20

[11] **2,077,908**  
[13] C

[51] **Int.Cl. 5G01N 11/08**  
[25] EN  
[54] **CONTINUOUS ON-LINE MEASUREMENT OF FLUID OR SLURRY VISCOSITY**  
[54] **MESURAGE EN CONTINU DE LA RHEOLOGIE DES FLUIDES ET DES BOUES**  
[72] Cowper, Norman Terry, AU  
[73] Slurry Systems Pty. Limited, AU  
[85] 1992-09-09  
[86] 1991-03-18 (PCT/AU91/00096)  
[87] (WO91/14167)  
[30] AU (PJ 9165) 1990-03-16

[11] **2,078,858**  
[13] C

[51] **Int.Cl. 5C12N 15/31 5C12N 1/19 5C12N 15/81**  
[25] EN  
[54] **EXPRESSION OF HETEROLOGOUS PROTEIN IN YEAST**  
[54] **EXPRESSION DE LA PROTEINE HETEROLOGUE DE LA LEVURE**  
[72] Clare, Jeffrey John, GB  
[72] Romanos, Michael Anthony, GB  
[73] Evans Medical Limited, GB  
[85] 1992-09-22  
[86] 1991-03-28 (PCT/GB91/00487)  
[87] (WO91/15571)  
[30] GB (9007416.2) 1990-04-02

[11] **2,079,407**  
[13] C

[51] **Int.Cl. 5F25J 3/02**  
[25] EN  
[54] **METHOD OF LIQUEFACTION OF NATURAL GAS**  
[54] **METHODE DE LIQUEFACTION DU GAZ NATUREL**  
[72] Paradowski, Henri, FR  
[73] Compagnie Française d'Etudes et de Construction "Technip", FR  
[22] 1992-09-29  
[30] FR (91 12 007) 1991-09-30

[11] **2,079,883**  
[13] C

[51] **Int.Cl. 5A61J 1/00**  
[25] FR  
[54] **PROCEDE ET CONDITIONNEMENT POUR CONSERVER ET DISTRIBUER PAR PORTIONS DU LIQUIDE STERILE**  
[54] **METHOD AND PACKAGING FOR PRESERVING AND DISPENSING PORTIONS OF A STERILE LIQUID**  
[72] Lontrade, Jean-Pierre, FR  
[72] Chibret, Henri, FR  
[73] Transphyto S.A., FR  
[85] 1992-10-05  
[86] 1991-04-10 (PCT/FR91/00291)  
[87] (WO91/16868)  
[30] FR (90/05369) 1990-04-27

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[13] C

[51] Int.Cl. 5C12N 15/53 5A01H 5/00  
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5C12N 15/82

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[54] GLYPHOSATE TOLERANT  
PLANTS

[54] PLANTES TOLERANTES AU  
GLYPHOSATE

[72] Kishore, Ganesh M., US

[72] Barry, Gerard F., US

[73] MONSANTO COMPANY, US

[85] 1992-11-26

[86] 1991-06-24 (PCT/US91/04514)

[87] (WO92/00377)

[30] US (543,236) 1990-06-25

[30] US (717,370) 1991-06-24

[11] 2,085,295  
[13] C

[51] Int.Cl. 5H01R 13/46

[25] EN

[54] ELECTRICAL CONNECTOR  
PORTION SUITABLE FOR FIXING IN  
FLOATING MANNER ON A SUPPORT  
MEMBER

[54] PARTIE DE CONNECTEUR  
ELECTRIQUE PERMETTANT  
D'ASSUJETTIR LE CONNECTEUR A  
UN ELEMENT DE SUPPORT DE FACON  
FLOTTANTE

[72] Villiers, Gérard, FR

[72] Dohan, Yves, FR

[73] FRAMATOME CONNECTORS

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[22] 1992-12-14

[30] FR (91 15728) 1991-12-18

[11] 2,090,996  
[13] C

[51] Int.Cl. 5B65H 3/60 5B65H 3/10  
5B65H 3/54

[25] EN

[54] METHOD FOR SEPARATING  
SHEETS OF PAPER STACKED IN  
REAMS AND DEVICE FOR  
IMPLEMENTING THIS METHOD

[54] METHODE ET DISPOSITIF DE  
SEPARATION DE FEUILLES DE  
PAPIER EMPILEES EN RAMES

[72] Wyssmuller, Philippe, CH

[73] De La Rue Giori S.A., CH

[22] 1993-03-04

[30] CH (725/92-0) 1992-03-06

[11] 2,084,302  
[13] C

[51] Int.Cl. 5C23G 1/12

[25] EN

[54] GLYCOL-CONTAINING ACID  
LIQUID COMPOSITION AND PROCESS  
FOR CLEANING ALUMINUM

[54] COMPOSITION LIQUIDE ACIDE  
POUR NETTOYER L'ALUMINIUM

[72] Aoki, Tomoyuki, JP

[72] Iino, Yasuo, JP

[72] Ono, Yoji, JP

[72] Asai, Shinichiro, JP

[73] HENKEL CORPORATION, US

[85] 1992-12-01

[86] 1991-06-14 (PCT/US91/04263)

[87] (WO91/19830)

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[11] 2,085,335  
[13] C

[51] Int.Cl. 5H01R 13/62 5F16L 37/08

[25] EN

[54] POLYGONAL SECTION  
CONNECTOR COMPRISING TWO  
CONNECTOR PORTIONS THAT ARE  
AUTOMATICALLY POSITIONABLE  
RELATIVE TO EACH OTHER DURING  
COUPLING

[54] CONNECTEUR A PROFIL  
POLYGONAL COMPORTANT DEUX  
PARTIES SE POSITIONNANT  
AUTOMATIQUEMENT L'UNE PAR  
RAPPORT A L'AUTRE PENDANT  
L'ACCOUPEMENT

[72] Spinnato, Gilbert, FR

[72] Dohan, Yves, FR

[73] FRAMATOME CONNECTORS

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[22] 1992-12-14

[30] FR (91 15646) 1991-12-17

[11] 2,091,189  
[13] C

[51] Int.Cl. 5H02P 3/04

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[54] BRAKING SYSTEM

[54] SYSTEME DE FREINAGE

[72] Thomas, W. Roger, GB

[72] Temple, Melvin, GB

[73] BLACK & DECKER INC., US

[22] 1993-03-08

[30] GB (9205611.8) 1992-03-14

[11] 2,085,294  
[13] C

[51] Int.Cl. 5H01R 13/10

[25] EN

[54] FLEXIBLE SPRING ELECTRICAL  
CONTACT FOR AN ELECTRICAL  
CONNECTOR

[54] CONTACT ELECTRIQUE A  
RESSORT FLEXIBLE POUR  
CONNECTEUR ELECTRIQUE

[72] Spinnato, Gilbert, FR

[73] FRAMATOME CONNECTORS

FRANCE, FR

[22] 1992-12-14

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[11] 2,089,015  
[13] C

[51] Int.Cl. 5G01N 15/12 5G01N 33/49

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[54] CORPUSCLE-DETECTING  
APPARATUS

[54] APPAREIL DE DETECTION DE  
CORPUSCULES

[72] Ueno, Kunio, JP

[73] SYSMEX CORPORATION, JP

[22] 1993-02-08

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[13] C

[51] Int.Cl. 5G02B 6/12

[25] EN

[54] CHIP CARRIER FOR OPTICAL  
DEVICE

[54] SUPPORT INTERMEDIAIRE POUR  
DISPOSITIF OPTIQUE

[72] Nagano, Tuyosi, JP

[73] NEC CORPORATION, JP

[22] 1993-03-22

[30] JP (4-64818) 1992-03-23

[30] JP (4-228120) 1992-08-27

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[13] C

[51] **Int.Cl. 5F24F 11/00 5G05B 15/02**  
[25] EN  
[54] **MULTIPARAMETER ECM AND CONTROL THEREFOR**  
[54] **SYSTEME DE REGULATION A PARAMETRES MULTIPLES ET DISPOSITIF DE COMMANDE**  
[72] Archer, William R., US  
[72] Becerra, Roger C., US  
[72] Beifus, Brian L., US  
[72] Brattoli, Mark A., US  
[72] Shah, Rajendra K., US  
[73] GENERAL ELECTRIC COMPANY, US  
[22] 1993-03-25  
[30] US (889,708) 1992-05-27

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[13] C

[51] **Int.Cl. 5B41J 3/36 5G06K 15/02 5B65C 9/46**  
[25] EN  
[54] **PROGRAMMABLE HAND HELD LABELER**  
[54] **MACHINE A ETIQUETER PROGRAMMABLE**  
[72] GLOBIG, James E., US  
[72] CHRISTOPHER, Amy S., US  
[72] LAMPRECHT, Dale E., Jr., US  
[72] ROTH, Mark W., US  
[72] MORRISON, Donald A., US  
[72] WATKINS, Rex D., US  
[73] Monarch Marking Systems, Inc., US  
[22] 1993-03-26  
[30] US (858,703) 1992-03-27

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[13] C

[51] **Int.Cl. 5A47J 37/07**  
[25] EN  
[54] **OUTDOOR COOKING APPARATUS**  
[54] **APPAREIL DE CUISSON POUR UTILISATION A L'EXTERIEUR**  
[72] Plamondon, Lorne H., CA  
[73] Plamondon, Lorne H., CA  
[22] 1993-04-22

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[11] **2,097,768**  
[13] C

[51] **Int.Cl. 5B65D 3/20**  
[25] EN  
[54] **CUP CONTAINER WITH INTEGRAL CLOSURE**  
[54] **CONTENEUR A COUVERCLE INTEGRE**  
[72] Cai, Liming, US  
[73] Dopaco, Inc., US  
[22] 1993-06-04  
[30] US (08/033,475) 1993-03-17

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[11] **2,101,312**  
[13] C

[51] **Int.Cl. 5H01M 4/24**  
[25] EN  
[54] **A PASTE TYPE NICKEL ELECTRODE FOR AN ALKALINE STORAGE BATTERY AND AN ALKALINE STORAGE BATTERY CONTAINING THE ELECTRODE**  
[54] **ELECTRODE AU NICKEL DU TYPE PATEUX POUR ACCUMULATEUR ALCALIN ET ACCUMULATEUR ALCALIN CONTENANT CETTE ELECTRODE**  
[72] Furukawa, Jun, JP  
[73] Furukawa Denchi Kabushiki Kaisha, JP  
[22] 1993-07-26  
[30] JP (220678/1992) 1992-07-28  
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[11] **2,101,559**  
[13] C

[51] **Int.Cl. 5H03K 19/094**  
[25] EN  
[54] **COMPLEMENTARY LOGIC INPUT PARALLEL (CLIP) LOGIC CIRCUIT FAMILY**  
[54] **FAMILLE DE CIRCUITS LOGIQUES A DISPOSITIFS LOGIQUES D'ENTREE COMPLEMENTAIRES**  
[72] Vinal, Albert W., US  
[73] THUNDERBIRD TECHNOLOGIES, INC., US  
[85] 1993-07-28  
[86] 1992-01-31 (PCT/US92/00869)  
[87] (WO92/14304)  
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[13] C

[51] **Int.Cl. 5D04H 1/56**  
[25] EN  
[54] **NONWOVEN TEXTILE MATERIAL FROM BLENDS OF PROPYLENE POLYMER MATERIAL AND OLEFIN POLYMER COMPOSITIONS**  
[54] **MATIERE TEXTILE NON TISSEE FAITE A PARTIR DE MELANGES DE POLYPROPYLENE ET DE COMPOSITIONS DE POLYMERES OLEFINIQUES**  
[72] Starsinic, Michael E., US  
[72] Ogale, Kumar, US  
[73] MONTELL NORTH AMERICA INC., US  
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[30] US (07/968,766) 1992-10-30

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[11] **2,109,990**  
[13] C

[51] **Int.Cl. 5C02F 3/20**  
[25] EN  
[54] **DIRECT DELIVERY IN-SITU DIFFUSER CLEANING**  
[54] **NETTOYAGE IN SITU DES DIFFUSEURS D'AIR**  
[72] Winkler, William W., US  
[73] Water Pollution Control Corporation, US  
[22] 1993-11-25  
[30] US (07/984,122) 1992-12-04

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[13] C

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[25] EN  
[54] **CABINET STRUCTURE**  
[54] **CONSTRUCTION D'ARMOIRE**  
[72] Kurrasch, Andrew J., US  
[72] Bekins, Michele D., US  
[72] Teays, Stephen R., US  
[73] HERMAN MILLER, INC., US  
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[30] US (07/983,441) 1992-12-01  
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[13] C  
[51] **Int.Cl. 5C23C 2/06 5C23C 28/02 5C25D 5/10**  
[25] EN  
[54] **SURFACE TREATED STEEL SHEET REDUCED IN PLATING DEFECTS AND PRODUCTION THEREOF**  
[54] **TOLE D'ACIER A TRAITEMENT DE SURFACE REDUISANT LES DEFAUTS DE PLACAGE, ET SA FABRICATION**  
[72] Tobiyama, Yoichi, JP  
[72] Kato, Chiaki, JP  
[72] Morito, Nobuyuki, JP  
[72] Umino, Shigeru, JP  
[73] KAWASAKI STEEL CORPORATION, JP  
[85] 1993-11-29  
[86] 1993-03-30 (PCT/JP93/00394)  
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[13] C  
[51] **Int.Cl. 5C08F 10/00 5C08F 4/76**  
[25] EN  
[54] **HIGH TEMPERATURE POLYMERIZATION PROCESS USING IONIC CATALYSTS TO PRODUCE POLYOLEFINS**  
[54] **METHODE DE POLYMERISATION A TEMPERATURE ELEVEE AU MOYEN DE CATALYSEURS IONIQUES POUR L'OBTENTION DE POLYOLEFINES**  
[72] Turner, Howard William, US  
[72] Canich, Jo Ann Marie, US  
[72] Folie, Bernard Jean, BE  
[73] EXXON CHEMICAL PATENTS INC., US  
[85] 1994-10-11  
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[87] (WO93/25590)  
[30] US (898,638) 1992-06-15

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[13] C  
[51] **Int.Cl. 6G02B 27/40 6F42B 15/01**  
[25] EN  
[54] **OPTICAL IMAGING SYSTEM INCLUDING GENERALLY CONICAL, TRANSPARENT PROTECTIVE DOME AND OPTICALLY REFRACTIVE FIXED CORRECTOR FOR REVERSING CONICAL DEFORMATION CREATED BY VIEWING THROUGH THE DOME**  
[54] **SYSTEME D'IMAGERIE OPTIQUE COMPORTANT UN DOME PROTECTEUR TRANSPARENT GENERALEMENT CONIQUE ET UN CORRECTEUR FIXE REFRINGENT POUR ANNULER LA DEFORMATION CONIQUE PRODUITE PAR LE DOME**  
[72] Wickholm, David R., US  
[73] RAYTHEON COMPANY, US  
[22] 1994-03-09  
[30] US (032,040) 1993-03-16

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[11] **2,120,315**  
[13] C  
[51] **Int.Cl. 5C08L 23/12 5B29C 45/00**  
[25] EN  
[54] **MEDICAL ARTICLES AND PROCESS THEREFOR**  
[54] **ARTICLES MEDICAUX ET PROCEDE**  
[72] Williams, Joel L., US  
[72] Qiu, Yong-Jian, US  
[72] McQuire, Shel, US  
[73] BECTON, DICKINSON AND COMPANY, US  
[22] 1994-03-30  
[30] US (08/054,476) 1993-04-30

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[13] C  
[51] **Int.Cl. 5A61F 2/16**  
[25] EN  
[54] **METHOD OF ATTACHING A HAPTIC TO AN OPTIC OF AN INTRAOCULAR LENS**  
[54] **METHODE DE FIXATION D'UN HAPTIQUE A UNE LENTILLE INTRAOCULAIRE**  
[72] Patel, Anilbhai S., US  
[73] Nestle S.A., CH  
[85] 1994-06-14  
[86] 1992-03-06 (PCT/US92/01613)  
[87] (WO93/15692)  
[30] US (833,872) 1992-02-11

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[11] **2,129,903**  
[13] C  
[51] **Int.Cl. 5G08B 23/00**  
[25] EN  
[54] **LEAKY BUCKET FOR SUPERVISION IN INDUSTRIAL PROCESSES**  
[54] **DISPOSITIF A FUITE POUR LA SURVEILLANCE DE PROCESSUS INDUSTRIELS**  
[72] LeCorney, David Colin, SE  
[73] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 1994-08-11  
[86] 1993-03-05 (PCT/SE93/00193)  
[87] (WO93/20527)  
[30] US (862,203) 1992-04-02

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[13] C  
[51] **Int.Cl. 5G01C 19/72 5G01J 3/45 5G01J 3/457**  
[25] EN  
[54] **CONFIGURATION CONTROL OF MODE COUPLING ERRORS**  
[54] **CONTROLE DE CONFIGURATIONS D'ERREURS DE COUPLAGE DE MODES**  
[72] Blake, James N., US  
[72] Feth, John R., US  
[72] Szafraniec, Bogdan, US  
[73] HONEYWELL INC., US  
[85] 1994-08-11  
[86] 1993-05-28 (PCT/US93/05168)  
[87] (WO93/24807)  
[30] US (07/890,938) 1992-05-29  
[30] US (08/048,185) 1993-04-16

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[11] **2,131,536**  
[13] C  
[51] **Int.Cl. 5B05B 7/14**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PRODUCING COATED FASTENERS**  
[54] **METHODE ET APPAREIL DE FABRICATION DE DISPOSITIFS DE FIXATION REVETUS**  
[72] Duffy, Richard J., US  
[72] Sessa, Eugene D., US  
[73] Nylok Fastener Corporation, US  
[85] 1994-09-06  
[86] 1993-03-11 (PCT/US93/02270)  
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[13] C

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[25] EN  
[54] **AMBULATORY ANIMAL TOY**  
[54] **ANIMAL-JOUET AMBULATOIRE**  
[72] Brodrib, William, US  
[73] Brodrib, William, US  
[85] 1994-09-14  
[86] 1993-03-16 (PCT/US93/02742)  
[87] (WO93/18830)  
[30] US (07/852,007) 1992-03-16

[11] **2,140,562**  
[13] C

[51] **Int.Cl. 6C12Q 1/06 6C12M 1/34**  
**6G01N 21/76**  
[25] EN  
[54] **DATA ANALYSIS METHOD FOR**  
**USE WITH FLUORESCENT**  
**BACTERIAL SENSORS**  
[54] **METHODE D'ANALYSE DE**  
**DONNEES POUR DETECTEURS DE**  
**BACTERIES A FLUORESCENCE**  
[72] Berndt, Klaus W., US  
[73] BECTON, DICKINSON AND  
COMPANY, US  
[22] 1995-01-19  
[30] US (08/197,033) 1994-02-16

[11] **2,145,494**  
[13] C

[51] **Int.Cl. 6H05B 6/12 6F24C 7/08**  
[25] EN  
[54] **INDUCTIVE COOKING RANGE**  
**AND COOKTOP**  
[54] **CUISINIERE A INDUCTION**  
[72] Barritt, William D., US  
[72] Lee, Jong Hak, KR  
[73] MAYTAG CORPORATION, US  
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[30] US (08/344,505) 1994-11-23

[11] **2,147,186**  
[13] C

[51] **Int.Cl. 6G05F 1/44**  
[25] EN  
[54] **UNITY TRAPEZOIDAL WAVE**  
**RMS REGULATOR**  
[54] **STABILISATEUR DE TENSION**  
**EFFICACE A ECHANTILLONNAGE**  
**D'ONDES TRAPEZOIDALES**  
[72] Batson, J. Gary, US  
[73] ANTEC CORPORATION, US  
[22] 1995-04-18  
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[11] \* **2,149,479**  
[13] C

[51] **Int.Cl. 6G06F 15/80**  
[25] EN  
[54] **IMPROVED NEURAL**  
**SEMICONDUCTOR CHIP**  
**ARCHITECTURES AND NEURAL**  
**NETWORKS INCORPORATED**  
**THEREIN**  
[54] **ARCHITECTURES DE PUCES DE**  
**SEMICONDUCTEUR NEURONALES**  
**AMELIORES ET RESEAUX**  
**NEURONNAUX INCORPOREES A**  
**CELLES-CI**  
[72] Steimle, Andre, FR  
[72] Tannhof, Pascal, FR  
[72] Paillet, Guy, FR  
[73] Paillet, Guy, FR  
[73] INTERNATIONAL BUSINESS  
MACHINES CORPORATION, US  
[22] 1995-05-16  
[30] EP (94480070.5) 1994-07-28

[11] **2,151,450**  
[13] C

[51] **Int.Cl. 6D06F 37/30 6F16D 67/02**  
[25] EN  
[54] **WASHING MACHINE**  
**TRANSMISSION CLUTCH/BRAKE**  
**MECHANISM**  
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[54] **PROCEDES DE PULVERISATION FAISANT APPEL A UN ECOULEMENT GAZEUX ET DESTINES A LA PRODUCTION DE FIBRILLES BIODEGRADABLES, NON TISSES COMPRENANT CES FIBRILLES BIODEGRADABLES, ET ARTICLES COMPRENANT DE TELS NON-TISSES**  
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[54] **ARTICLES ABSORBANTS POUR FLUIDES CORPORELS PRESENTANT UNE BONNE INTEGRITE AU MOUILLAGE ET RENFERMANT DES CONCENTRATIONS RELATIVEMENT ELEVEES D'UN POLYMERE ABSORBANT FORMANT UN HYDROGEL**  
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[30] JP (7-267485) 1995-10-16

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[11] **2,192,316**  
[13] C

[51] **Int.Cl. 6D21F 11/00**  
[25] EN  
[54] **PAPER STRUCTURE HAVING AT LEAST THREE REGIONS, AND APPARATUS AND PROCESS FOR MAKING THE SAME**  
[54] **STRUCTURE DE PAPIER PRESENTANT AU MOINS TROIS REGIONS ET SON PROCEDE ET APPAREIL DE FABRICATION**  
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[72] Phan, Dean Van, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1996-12-06  
[86] 1995-06-19 (PCT/US95/07773)  
[87] (WO96/00813)  
[30] US (08/268,213) 1994-06-29

[11] **2,192,556**  
[13] C

[51] **Int.Cl. 6A61F 13/15**  
[25] EN  
[54] **CORRUGATED TOP LAYER FOR ABSORBENT ARTICLES**  
[54] **COUCHE SUPERIEURE ONDULEE DESTINEE A DES ARTICLES ABSORBANTS**  
[72] Raidel, Maria, DE  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1996-12-10  
[86] 1995-06-24 (PCT/EP95/02466)  
[87] (WO96/00545)  
[30] DE (P.4422956.9) 1994-06-30

[11] \* **2,193,462**  
[13] C

[51] **Int.Cl. 6G09F 3/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR TRACKING GARMENTS**  
[54] **METHODE ET APPAREIL DE SUIVI DU PORT DE TENUES VESTIMENTAIRES**  
[72] Maglio, Francesco, CA  
[73] Maglio, Francesco, CA  
[22] 1996-12-19

[11] **2,194,497**  
[13] C

[51] **Int.Cl. 6A01J 5/01**  
[25] EN  
[54] **MILK METER**  
[54] **COMPTEUR A LAIT**  
[72] Carrano, James A., US  
[72] Blair, Timothy E., US  
[72] Erdman, Roger K., US  
[72] Nelson, William S., US  
[72] Pulvermacher, Ronald J., US  
[72] Tucker, George H., Jr., US  
[73] DEC INTERNATIONAL, INC., US  
[22] 1997-01-06  
[30] US (08/588,010) 1996-01-16

[11] **2,194,513**  
[13] C

[51] **Int.Cl. 6G10L 9/14**  
[25] EN  
[54] **SPEECH ENCODING APPARATUS AND SPEECH ENCODING AND DECODING APPARATUS**  
[54] **DISPOSITIF DE CODAGE VOCAL ET DISPOSITIF DE CODAGE/DECODAGE VOCAL**  
[72] Yamaura, Tadashi, JP  
[72] Tasaki, Hirohisa, JP  
[72] Takahashi, Shinya, JP  
[73] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[22] 1997-01-07  
[30] JP (135240/96) 1996-05-29

[11] **2,195,518**  
[13] C

[51] **Int.Cl. 6G07C 1/30 6G08G 1/017**  
[25] EN  
[54] **PARKING METER**  
[54] **ARCOMETRE**  
[72] Mitschele, Frederick L., CA  
[72] Reynolds, Damien E., CA  
[73] Mitschele, Frederick L., CA  
[73] Reynolds, Damien E., CA  
[22] 1997-01-20  
[30] US (08/588,941) 1996-01-19

[11] **2,195,593**  
[13] C

[51] **Int.Cl. 6B41J 31/12**  
[25] EN  
[54] **METHOD OF CONTROLLING RIBBON MOTOR FOR COLOR PRINTING SYSTEM**  
[54] **ETHODE DE COMMANDE DU MOTEUR DE RUBAN D'UN SYSTEME D'IMPRESSION COULEUR**  
[72] Song, Jun-Pil, KR  
[73] SAMSUNG ELECTRONICS CO., LTD., KR  
[22] 1997-01-21  
[30] KR (1270/1996) 1996-01-22

[11] **2,195,975**  
[13] C

[51] **Int.Cl. 6C07K 7/56 6C12P 21/04 6C07K 1/06**  
[25] EN  
[54] **AN IMPROVED PROCESS FOR PREPARING SIDE CHAIN DERIVATIVES OF CYCLOHEXAPEPTIDYL LIPOPEPTIDES**  
[54] **PROCEDE AMELIORE POUR PREPARER DES DERIVES DE LIPOPEPTIDES CYCLOHEXAPEPTIDIQUES AYANT DES CHAINES LATERALES**  
[72] Balkovec, James M., US  
[72] Bouffard, Frances A., US  
[72] Dropinski, James F., US  
[72] Adefarati, Akinlolu A., US  
[72] Tkacz, Jan S., US  
[73] MERCK & CO., INC., US  
[85] 1997-01-24  
[86] 1995-08-18 (PCT/US95/10506)  
[87] (WO96/06109)  
[30] US (295,176) 1994-08-23

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[13] C

[51] **Int.Cl. 6A61L 9/01 6D06M 15/11**  
[25] EN  
[54] **FABRIC TREATING COMPOSITION CONTAINING BETA-CYCLODEXTRIN**  
[54] **COMPOSITION DE TRAITEMENT DE TISSUS CONTENANT DE LA BETA-CYCLODEXTRINE**  
[72] Pilosof, David, US  
[72] Cappel, Jerome Paul, US  
[72] Geis, Philip Anthony, US  
[72] McCarty, Mark Lee, US  
[72] Trinh, Toan, US  
[72] Zwerdling, Susan Schmaedecke, US  
[73] **THE PROCTER & GAMBLE COMPANY, US**  
[85] 1997-01-29  
[86] 1995-07-26 (PCT/US95/09425)  
[87] (WO96/04939)  
[30] US (08/289,969) 1994-08-12

[11] **2,196,539**  
[13] C

[51] **Int.Cl. 6C07D 499/00 6C07D 463/00 6C07D 501/00 6C07D 477/14 6C07D 477/20 6C07D 215/56 6C07D 499/88**  
[25] EN  
[54] **PROCESS FOR MAKING QUINOLONYL LACTAM ANTIMICROBIALS AND NOVEL INTERMEDIATE COMPOUNDS**  
[54] **PROCEDE D'OBTENTION D'ANTIMICROBIENS A BASE DE QUINOLONYLE LACTAME ET NOUVEAUX COMPOSES INTERMEDIAIRES**  
[72] Randall, Jared Lynn, US  
[72] Godlewski, Jane Ellen, US  
[73] **THE PROCTER & GAMBLE COMPANY, US**  
[85] 1997-01-31  
[86] 1995-08-01 (PCT/US95/09649)  
[87] (WO96/04286)  
[30] US (284,771) 1994-08-02

[11] **2,196,702**  
[13] C

[51] **Int.Cl. 6A61L 9/01**  
[25] EN  
[54] **COMPOSITION FOR REDUCING MALODOR IMPRESSION ON INANIMATE SURFACES**  
[54] **COMPOSITION PERMETTANT DE REDUIRE L'IMPRESSION DE MAUVAIS ODEUR SUR DES SURFACES INANIMEES**  
[72] Trinh, Toan, US  
[72] Cappel, Jerome Paul, US  
[72] Geis, Philip Anthony, US  
[72] Hollingshead, Judith Ann, US  
[72] McCarty, Mark Lee, US  
[72] Swartley, Donald Marion, US  
[72] Wahl, Errol Hoffman, US  
[72] Zwerdling, Susan Schmaedecke, US  
[73] **THE PROCTER & GAMBLE COMPANY, US**  
[85] 1997-01-31  
[86] 1995-08-10 (PCT/US95/10210)  
[87] (WO96/04940)  
[30] US (08/289,970) 1994-08-12  
[30] US (08/289,731) 1994-08-12  
[30] US (08/369,845) 1995-01-06  
[30] US (08/289,991) 1994-08-12

[11] **2,197,696**  
[13] C

[51] **Int.Cl. 6B27N 3/04 6B27N 3/00 6B27N 3/08**  
[25] EN  
[54] **APPARATUS FOR PRODUCING WOOD-BASED PRESSED BOARD**  
[54] **APPAREIL POUR FABRIQUER DES PANNEAUX D'AGGLOMERE DERIVES DU BOIS**  
[72] Froese, Werner, DE  
[72] Schöler, Michael, DE  
[72] Siebold, Heinz, DE  
[72] Sitzler, Hans-Dietrich, DE  
[72] Voß, Otto, DE  
[72] SEBASTIAN, Lothar, DE  
[72] SCHURMANN, Klaus, DE  
[72] WEISS, Horst, DE  
[73] **G. SIEMPELKAMP GMBH & CO., DE**  
[22] 1997-02-13  
[30] DE (196 05 296.3) 1996-02-14

[11] **2,198,088**  
[13] C

[51] **Int.Cl. 6H01L 25/16 6H01L 21/77**  
[25] EN  
[54] **MICROWAVE/MILLIMETER WAVE CIRCUIT STRUCTURE WITH DISCRETE FLIP-CHIP MOUNTED ELEMENTS, AND METHOD OF FABRICATING THE SAME**  
[54] **STRUCTURE DE CIRCUIT A ONDES MICROMETRIQUES OU MILLIMETRIQUES A ELEMENTS DISCRETS MONTES SUR DES PUCES A PROTUBERANCES DE CONNEXION ET METHODE DE FABRICATION DE CETTE STRUCTURE**  
[72] MATLOUBIAN, Mehran, US  
[72] MACDONALD, Perry A., US  
[72] RENSCH, David B., US  
[72] LARSON, Lawrence A., US  
[73] **HUGHES ELECTRONICS CORPORATION, US**  
[85] 1997-02-20  
[86] 1996-07-01 (PCT/US96/11144)  
[87] (WO97/02733)  
[30] US (08/499,800) 1995-07-07

[11] **2,198,952**  
[13] C

[51] **Int.Cl. 6G02B 27/18**  
[25] EN  
[54] **CATADIOPTRIC ONE-TO-ONE TELECENTRIC IMAGE COMBINING SYSTEM**  
[54] **SYSTEME UN POUR UN, CATADIOPTRIQUE ET TELECENTRIQUE DE COMBINAISON D'IMAGES**  
[72] CHEN, Chungte W., US  
[73] **RAYTHEON COMPANY, US**  
[22] 1997-03-03  
[30] US (08/621,572) 1996-03-26

[11] **2,199,070**  
[13] C

[51] **Int.Cl. 6G10L 3/02 6G10L 7/04**  
[25] EN  
[54] **SWITCHED FILTERBANK FOR USE IN AUDIO SIGNAL CODING**  
[54] **BANC DE FILTRE COMMUTE A UTILISER DANS LE CODAGE DES SIGNAUX AUDIO**  
[72] JOHNSTON, James David, US  
[72] SINHA, Deepen, US  
[73] **LUCENT TECHNOLOGIES INC., US**  
[22] 1997-03-04  
[30] US (60/014,725) 1996-03-19  
[30] US (720,757) 1996-10-01

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[11] 2,199,521  
[13] C

[51] Int.Cl. 6G05D 16/00  
[25] EN  
[54] **THREE STAGE GAS PRESSURE  
REGULATOR**  
[54] **REGULATEUR DE PRESSION DE  
GAZ A TROIS ETAGES**  
[72] CARTER, STEPHEN A., CA  
[72] KNAPPERS, Michael A., CA  
[73] GFI CONTROL SYSTEMS, INC., CA  
[85] 1997-03-07  
[86] 1995-11-27 (PCT/CA95/00667)  
[87] (WO96/17280)  
[30] CA (2,136,699) 1994-11-25

[11] 2,199,578  
[13] C

[51] Int.Cl. 6A61B 5/05  
[25] EN  
[54] **MAGNETIC FIELD SOURCE  
MOVABLE PHANTOM HEAD**  
[54] **TETE FICTIVE MOBILE A  
SOURCE DE CHAMP MAGNETIQUE**  
[72] TAKEDA, Tsunehiro, JP  
[72] ENDO, Hiroshi, JP  
[72] KUMAGAI, Toru, JP  
[73] DIRECTOR-GENERAL OF AGENCY  
OF INDUSTRIAL SCIENCE AND  
TECHNOLOGY, JP  
[22] 1997-03-10  
[30] JP (60,637/1996) 1996-03-18

[11] 2,200,238  
[13] C

[51] Int.Cl. 6G03G 15/043  
[25] EN  
[54] **PHOTO INDUCED DISCHARGE  
CHARACTERISTICS (PIDC)  
CONTROLLER**  
[54] **CONTROLEUR DE  
CARACTERISTIQUES DE  
DECHARGES PHOTO-INDUITES**  
[72] WALLER, Patrick O., US  
[72] SAMPATH, Barbara A., US  
[72] LAM, Lai C., US  
[72] MASTRANDREA, Joseph A., US  
[72] MARA, Robert M., US  
[73] XEROX CORPORATION, US  
[22] 1997-03-18  
[30] US (08/618,176) 1996-03-19

[11] 2,201,070  
[13] C

[51] Int.Cl. 6G03G 13/00 6H04N 1/405  
6H04N 1/52  
[25] EN  
[54] **HYBRID IMAGING SYSTEM**  
[54] **SYSTEME D'IMAGERIE HYBRIDE**  
[72] EBNER, Fritz F., US  
[72] CHAN, Tse-kee, US  
[73] XEROX CORPORATION, US  
[22] 1997-03-26  
[30] US (08/625,324) 1996-04-01

[11] 2,203,180  
[13] C

[51] Int.Cl. 6A47B 9/00  
[25] EN  
[54] **LEVELING MECHANISM  
ADJUSTABLE GLIDE**  
[54] **PATIN REGLABLE POUR MISE A  
NIVEAU**  
[72] COX, Lewis D., US  
[73] Falcon Products, Inc., US  
[85] 1997-04-18  
[86] 1995-03-14 (PCT/US95/03235)  
[87] (WO96/14778)  
[30] US (08/337,060) 1994-11-10

[11] 2,203,896  
[13] C

[51] Int.Cl. 6A61K 6/00 6A61C 13/23  
[25] EN  
[54] **DENTURE STABILIZING  
COMPOSITIONS**  
[54] **COMPOSITIONS DE  
STABILISATION POUR PROTHESE**  
[72] GILDAY-WEBER, Kimberly Ann, US  
[72] RAJIAIAH, Jayanth, US  
[72] NICHOLS, David Alan, US  
[73] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 1997-04-28  
[86] 1995-10-13 (PCT/US95/12831)  
[87] (WO96/13244)  
[30] US (330,492) 1994-10-28

[11] 2,204,143  
[13] C

[51] Int.Cl. 6A61C 17/26 6A61C 17/34  
[25] EN  
[54] **BRUSH SECTION FOR AN  
ELECTRIC TOOTHBRUSH**  
[54] **BROSSE POUR BROSSE A DENTS  
ELECTRIQUE**  
[72] HERZOG, Karl, DE  
[73] BRAUN AKTIENGESELLSCHAFT,  
DE  
[85] 1997-04-30  
[86] 1996-03-13 (PCT/EP96/01061)  
[87] (WO96/31171)  
[30] DE (195 12 318.2) 1995-04-01

[11] 2,205,683  
[13] C

[51] Int.Cl. 6H01M 10/02 6H01M 10/40  
[25] EN  
[54] **POLYMERIZABLE ADDITIVES  
FOR MAKING NON-AQUEOUS  
RECHARGEABLE LITHIUM  
BATTERIES SAFE AFTER  
OVERCHARGE**  
[54] **ADDITIFS POLYMERISABLES  
POUR RENDRE SECURITAIRES APRES  
SURCHARGE LES BATTERIES AU  
LITHIUM RECHARGEABLES A  
ELECTROLYTE NON AQUEUX**  
[72] MAO, HUANYU, CA  
[72] Wainwright, David S., CA  
[73] E-ONE MOLI ENERGY (CANADA)  
LIMITED, CA  
[22] 1997-05-16

[11] 2,207,814  
[13] C

[51] Int.Cl. 6B41F 9/10 6B41F 15/44  
[25] EN  
[54] **DEVICE FOR FILLING  
DEPRESSIONS IN A CYLINDER;  
DOCTOR BLADE DEVICE FOR THIS  
PURPOSE AND PROCESS FOR  
CHANGING IT**  
[54] **DISPOSITIF SERVANT A  
REEMPLIR LES TROUS DANS UN  
CYLINDRE DE MACHINE A  
IMPRIMER : DISPOSITIF A RACLE  
UTILISE A CETTE FIN ET METHODE  
DE REMPLACEMENT DE CE DERNIER**  
[72] FLEISCHMANN, Hans, DE  
[72] STAMME, Rainer, DE  
[72] PETERSEN, Godber, DE  
[73] MAN ROLAND DRUCKMASCHINEN  
AG, DE  
[22] 1997-06-17  
[30] DE (196 24 440.4) 1996-06-19

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[11] **2,208,091**  
[13] C

[51] **Int.Cl. 6G02B 21/12 6G02B 21/20**  
[25] EN  
[54] **IMPROVEMENTS IN MICROSCOPE ILLUMINATION AND STEREO VIEWING**  
[54] **AMELIORATIONS APPORTEES A L'ECLAIRAGE ET LA VISUALISATION STEREO D'UN MICROSCOPE**  
[72] GINSBERG, Robert, US  
[72] GREENBERG, Gary, US  
[73] MICRO SCIENCE TECHNOLOGIES, US  
[85] 1997-05-16  
[86] 1994-11-29 (PCT/US94/13648)  
[87] (WO95/16218)

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[11] **2,210,011**  
[13] C

[51] **Int.Cl. 6E04B 2/74 6E04C 2/52**  
[25] EN  
[54] **RACEWAY CABLE RETENTION AND ACCOMODATION APPARATUS**  
[54] **APPAREIL DE RETENUE ET DE LOGEMENT DE CHEMIN DE CABLES**  
[72] KELLEY, James O., US  
[72] OTTO, John G., US  
[73] HERMAN MILLER, INC., US  
[22] 1993-11-02  
[62] 2,102,285  
[30] US (07/971,355) 1992-11-04

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[11] **2,210,052**  
[13] C

[51] **Int.Cl. 6F16N 7/38 6F04D 29/06**  
[25] EN  
[54] **LUBRICANT INDUCER PUMP FOR ELECTRICAL MOTOR**  
[54] **POMPE DE LUBRIFIANT POUR MOTEUR ELECTRIQUE**  
[72] PARMETER, Larry J., US  
[72] BROOKBANK, Earl B., US  
[73] BAKER HUGHES INCORPORATED, US  
[22] 1997-07-09  
[30] US (08/683,442) 1996-07-18

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[11] **2,210,551**  
[13] C

[51] **Int.Cl. 6G03G 15/02 6G03G 13/00 6G03G 15/00**  
[25] EN  
[54] **LOW NOISE CHARGING SYSTEM**  
[54] **SYSTEME DE CHARGE A FAIBLE BRUIT**  
[72] FOURNIA, Peter G., US  
[72] WONG, Chee-Chiu Joseph, US  
[73] XEROX CORPORATION, US  
[22] 1997-07-16  
[30] US (08/720,534) 1996-09-30

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[11] **2,210,552**  
[13] C

[51] **Int.Cl. 6G03G 13/01 6G06T 5/00**  
[25] EN  
[54] **SYSTEM AND METHOD FOR MITIGATING THE VISUAL EFFECTS OF HALO**  
[54] **SYSTEME ET METHODE D'ATTENUATION DE L'EFFET DE HALO VISUEL.**  
[72] SMITH, Bradley W., US  
[72] GOODMAN, Nancy B., US  
[72] HARRINGTON, Steven J., US  
[72] TORPEY, Peter A., US  
[73] XEROX CORPORATION, US  
[22] 1997-07-16  
[30] US (08/723,212) 1996-09-27

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[11] **2,210,570**  
[13] C

[51] **Int.Cl. 6G03G 21/16**  
[25] EN  
[54] **CUSTOMER REPLACEABLE PHOTORECEPTOR BELT MODULE**  
[54] **CARTOUCHE DE BANDE PHOTORECEPTRICE REMPLACABLE PAR L'UTILISATEUR**  
[72] SHOGREN, David K., US  
[72] JENKINS, Larry L., US  
[73] XEROX CORPORATION, US  
[22] 1997-07-16  
[30] US (08/724,587) 1996-09-30

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[11] **2,210,984**  
[13] C

[51] **Int.Cl. 6C08L 27/08 6C09D 127/08 6C08L 33/12 6D21H 19/20 6C08L 33/20**  
[25] EN  
[54] **METHOD AND COMPOSITION FOR PROVIDING REPULPABLE MOISTURE VAPOR BARRIER COATING FOR FLEXIBLE PACKAGING**  
[54] **PROCEDE ET COMPOSITION POUR REALISER UN REVETEMENT SERVANT DE BARRIERE CONTRE LA VAPEUR, DESTINE A DES EMBALLAGES FLEXIBLES ET SUSCEPTIBLE D'ETRE RE-INCORPORE DANS DE LA PATE A PAPIER**  
[72] BÉRUBÉ, Serge, CA  
[73] LE GROUPE RECHERCHE I.D. INC., CA  
[85] 1997-07-21  
[86] 1996-01-17 (PCT/CA96/00033)  
[87] (WO96/22329)  
[30] US (08/375,988) 1995-01-20

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[11] **2,211,899**  
[13] C

[51] **Int.Cl. 6C07F 9/30 6C07F 9/6574 6C08G 63/692**  
[25] EN  
[54] **A PROCESS FOR THE PREPARATION OF A DOP-CONTAINING MIXTURE**  
[54] **PROCEDE DE PREPARATION D'UN MELANGE CONTENANT DU DOP**  
[72] DIETRICH, Jörg, DE  
[72] RIECKERT, Horst, DE  
[72] RATHFELDER, Paul, DE  
[73] SCHILL + SEILACHER AKTIENGESELLSCHAFT, DE  
[85] 1997-08-19  
[86] 1996-06-21 (PCT/EP96/02715)  
[87] (WO97/00878)  
[30] DE (195 22 876.6) 1995-06-23

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[11] **2,212,478**  
[13] C

[51] **Int.Cl. 6B62D 7/00**  
[25] EN  
[54] **FABRICATED STEER AXLE**  
[54] **ESSIEU DIRECTEUR FACONNE**  
[72] GOTTSCHALK, Michael J., US  
[72] KEELER, Michael J., US  
[73] The Boler Company., US  
[22] 1997-08-01  
[30] US (08/784,543) 1997-01-21



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[11] 2,212,567  
[13] C

[51] Int.Cl. 6H04H 1/00 6H04M 11/06  
6H04B 7/185 6H04L 12/20 6H04Q 7/32  
[25] EN  
[54] MOBILE AND WIRELESS  
INFORMATION DISSEMINATION  
ARCHITECTURE AND PROTOCOLS  
[54] SYSTEME MOBILE ET SANS FIL  
DE DISSEMINATION  
D'INFORMATIONS, ET PROTOCLES  
ET ARCHITECTURE S'Y  
RAPPORTANT  
[72] ZHANG, Yongguang, US  
[72] DAO, Son K., US  
[72] VELLAIKAL, Asha, US  
[72] SHEK, Eddie C., US  
[73] HUGHES ELECTRONICS  
CORPORATION, US  
[85] 1997-08-07  
[86] 1997-01-17 (PCT/US97/00623)  
[87] (WO97/26724)  
[30] US (08/589,274) 1996-01-22

[11] 2,212,869  
[13] C

[51] Int.Cl. 6B01J 21/06 6C02F 1/32  
[25] EN  
[54] PHOTOCATALYST COMPOUND  
AND PROCESS FOR PRODUCTION  
THEREOF  
[54] DISPOSITIF D'ALIMENTATION  
POUR UNITE DE TRI, UNITE DE TRI  
AVEC DISPOSITIF DE CALIBREUSE  
ET DISPOSITIF DE DISTRIBUTION  
[72] XU, Yiming, CA  
[72] LANGFORD, COOPER H., CA  
[73] UNIVERSITY TECHNOLOGIES  
INTERNATIONAL INC., CA  
[85] 1997-08-28  
[86] 1996-03-04 (PCT/CA96/00128)  
[87] (WO96/26903)  
[30] US (08/397,645) 1995-03-02

[11] 2,213,227  
[13] C

[51] Int.Cl. 6G01N 11/00 6G01M 9/00  
6G01M 9/06  
[25] EN  
[54] AN AIR DATA SYSTEM  
[54] SYSTEME DE MESURE DE  
CARACTERISTIQUES DE L'AIR  
[72] HICKMON, Floyd O., III, US  
[72] BALENA, Frank J., US  
[72] REVELL, James D., US  
[72] LOSCHKE, Robert C., US  
[73] LOCKHEED MARTIN  
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[85] 1997-08-15  
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[30] US (440,506) 1995-05-12

[11] 2,213,260  
[13] C

[51] Int.Cl. 6H04B 7/185 6H04L 12/12  
[25] EN  
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[54] CARTE DE PERIPHERIQUE POUR  
ORDINATEUR RECEVANT DES  
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[72] DILLON, Douglas M., US  
[73] HUGHES ELECTRONICS  
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[87] (WO97/26762)

[11] 2,214,534  
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[51] Int.Cl. 6A47K 10/38  
[25] EN  
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[54] ADAPTATEUR POUR ROULEAUX  
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[72] REINHEIMER, Horst Alfred, DE  
[73] THE PROCTER & GAMBLE  
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[85] 1997-09-03  
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[30] DE (29503573.0) 1995-03-03

[11] 2,214,581  
[13] C

[51] Int.Cl. 6F16F 9/504  
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[54] AMORTISSEUR SENSIBLE A  
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[72] RICHARDSON, Donald G., US  
[72] SHIRLEY, David A., US  
[73] Ricor Racing & Development, L.P., US  
[85] 1997-08-29  
[86] 1996-03-01 (PCT/US96/02765)  
[87] (WO96/27091)  
[30] US (08/396,558) 1995-03-01

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[54] GUIDON DE BICYCLETTE  
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[72] LIN, Jin-Chen, TW  
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[11] 2,216,004  
[13] C

[51] Int.Cl. 6C11D 1/66  
[25] EN  
[54] IMPROVED RINSE AID  
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[54] COMPOSITIONS D'ADJUVANT DE  
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[54] **BAC A PLANTES A RECUEIL D'EAU**  
[72] HAMAN, Dorota Z., US  
[72] YEAGER, Thomas H., US  
[72] KNOX, Gary W., US  
[72] SMAJSTRLA, Allen G., US  
[72] BEESON, Richard C., Jr., US  
[73] HAMAN, Dorota Z., US  
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[54] **OPTIMISATION D'UN RECEPTEUR A CORRECTION AVAL DES ERREURS**  
[72] ROBERTS, Kim Byron, GB  
[72] SOLHEIM, ALAN GLEN, CA  
[73] NORTEL NETWORKS LIMITED, CA  
[22] 1997-11-19  
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[72] NESSET, Derek, GB  
[72] MARCENAC, Dominique, GB  
[73] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB  
[85] 1997-11-20  
[86] 1996-06-07 (PCT/GB96/01376)  
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[30] GB (9608421.5) 1996-04-24  
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[54] **PROCEDE D'ELABORATION D'ACIDE N-PHOSPHONOMETHYLIMINODIACETIQUE**  
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[72] TAXTER, David L., US  
[73] MONSANTO COMPANY, US  
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[13] C

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[54] **PROTECTING CONFIDENTIAL INFORMATION IN A DATABASE FOR ENABLING TARGETED ADVERTISING IN A COMMUNICATIONS NETWORK**  
[54] **PROTECTION D'INFORMATIONS CONFIDENTIELLES DANS UNE BASE DE DONNEES AUTORISANT UNE DEMARCHE PUBLICITAIRE CIBLEE DANS UN RESEAU DE COMMUNICATION**  
[72] GIFFORD, Warren Stanton, US  
[72] GRIFFETH, Nancy Davis, US  
[72] KATZ, James Everett, US  
[73] TELCORDIA TECHNOLOGIES, INC., US  
[85] 1997-12-11  
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[54] **TUNABLE MICROWAVE DEVICES**  
[54] **DISPOSITIFS HYPERFREQUENCE ACCORDABLES**  
[72] VENDIK, Orest, RU  
[72] GEVORGIAN, Spartak, SE  
[72] WIKBORG, Erland, SE  
[72] KOLLBERG, Erik, SE  
[73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE  
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[25] EN  
[54] **SKATE BOOT HAVING A MOLDED OUTSOLE WITH RAISED REGIONS**  
[54] **CHAUSSURE DE PATIN COMPORTANT UNE SEMELLE MOULEE AVEC PARTIES SURELEVEES**  
[72] LAFERRIERE, Michel, CA  
[72] AIRD, Frederic, CA  
[73] SPORT MASKA, INC., CA  
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[54] **PINCE DE FIXATION POUR GALVANOPLASTIE D'ARTICLES DANS UN BAIN**  
[72] BROWN, HOWARD, CA  
[72] MALLOCK, HORST, CA  
[73] M & B PLATING RACKS INC., CA  
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[54] **DISPOSITIF ET METHODE DE REVETEMENT METALLIQUE A CHAUD**  
[72] MATSUKAWA, Toshitane, JP  
[72] TADA, Masahiko, JP  
[72] KATO, Chiaki, JP  
[72] MIHARA, Kazumasa, JP  
[72] UNOKI, Kenichi, JP  
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[73] KAWASAKI STEEL CORPORATION, JP

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[11] 2,225,791  
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[51] **Int.Cl. 6A61F 2/16**  
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[54] **DISPOSITIF DE PLIAGE ET DE MAINTIEN PLIE D'UN IMPLANT INTRAOCULAIRE SOUPLE**  
[54] **FOLDING AND LOCKING DEVICE OF A FLEXIBLE INTRAOCULAR IMPLANT**  
[72] DUPRAT, Alain, FR  
[73] MORIA SA, FR  
[22] 1997-12-19

[11] 2,227,431  
[13] C

[51] **Int.Cl. 6H04L 12/24 6H04L 12/12 6G06F 17/30**  
[25] EN  
[54] **TRANSACTION LOG MANAGEMENT IN A DISCONNECTABLE COMPUTER AND NETWORK**  
[54] **GESTION DES RELEVES DE MOUVEMENTS DANS UN ORDINATEUR ET UN RESEAU POUVANT ETRE DECONNECTES**  
[72] COLLINS, Brian J., GB  
[72] DRAPER, Stephen P. W., GB  
[72] FALLS, Patrick T., GB  
[73] NOVELL, INC., US  
[85] 1998-01-20  
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[87] (WO97/04391)  
[30] US (60/001,245) 1995-07-20

[11] 2,228,090  
[13] C

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[54] **TUBULAR REFRIGERANT CHECK VALVE WITH INDENTED OUTER HOUSING PORTION**  
[54] **CLAPET DE RETENUE TUBULAIRE POUR FRIGORIGENE DONT UNE PARTIE DU LOGEMENT EXTERIEUR EST DENTELEE**  
[72] TANG, Punan, US  
[72] JAKOBS, Diane M., US  
[73] Rheem Manufacturing Company, US  
[22] 1998-01-28  
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[51] **Int.Cl. 6H04N 7/173**  
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[54] **ON-DEMAND SYSTEM FOR SERVING MULTIMEDIA INFORMATION IN A FORMAT ADAPTED TO A REQUESTING CLIENT**  
[54] **SYSTEME POUR FOURNIR A LA DEMANDE DES INFORMATIONS MULTIMEDIA DANS UN FORMAT ADAPTE A UN CLIENT DEMANDEUR**  
[72] UENOYAMA, Tsutomu, JP  
[72] HAYAKAWA, Yoshihiro, JP  
[72] OKA, Toshio, JP  
[72] MATSUZAWA, Tomoko, JP  
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[54] **METHOD FOR MACHINING COMPRESSOR PISTON**  
[54] **METHODE D'USINAGE DE PISTON DE COMPRESSEUR**  
[72] KAYUKAWA, Hiroaki, JP  
[72] KIMURA, Kazuya, JP  
[72] OTA, Masaki, JP  
[73] KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO, JP  
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[13] C

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[54] **ARRAY-MANAGEMENT DATABASE SYSTEM**  
[54] **SYSTEME DE BANQUE DE DONNEES POUR LA GESTION DE MATRICES**  
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[85] 1998-02-24  
[86] 1996-08-22 (PCT/DE96/01583)  
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[30] DE (195 31 809.9) 1995-08-30  
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[54] **ARC TRANSFER CIRCUIT**  
[54] **CIRCUIT DE TRANSFERT D'ARC**  
[72] DANIEL, Joseph Allen, US  
[73] LINCOLN GLOBAL, INC., US  
[22] 1998-02-24  
[30] US (08/819,968) 1997-03-18

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[13] C

[51] **Int.Cl. 6H04L 29/06 6H04L 12/12 6G06F 15/163 6G06F 9/445**  
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[54] **TRANSMITTING DATA BETWEEN A HOST COMPUTER AND A TERMINAL COMPUTER**  
[54] **TRANSMISSION DE DONNEES ENTRE UN ORDINATEUR HOTE ET UN ORDINATEUR SATELLITE**  
[72] BUTT, John, GB  
[73] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB  
[85] 1998-02-27  
[86] 1996-09-12 (PCT/GB96/02266)  
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[54] **DUAL-MODE MICROMETER/MILLIMETER WAVE INTEGRATED CIRCUIT PACKAGE**  
[54] **CIRCUIT INTEGRE A GUIDE D'ONDE MICROMETRIQUE-MILLIMETRIQUE A DEUX MODES DE FONCTIONNEMENT**  
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[54] **TELEPHONE A CLAVIER**  
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[72] KOYAMA, Mariko, JP  
[73] KABUSHIKI KAISHA TOSHIBA, JP  
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[13] C

[51] **Int.Cl. 6C01B 33/037**  
[25] EN  
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[54] **PROCEDE POUR LA PRODUCTION DE SILICIUM DESTINE A LA FABRICATION DE PHOTOPILES**  
[72] NAKAMURA, Naomichi, JP  
[72] BABA, Hiroyuki, JP  
[72] SAKAGUCHI, Yasuhiko, JP  
[72] KATO, Yoshiei, JP  
[72] FUJII, Tetsuya, JP  
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[73] SONG, Chang June, CA  
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[13] C

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[54] **FILTRE HYPERFREQUENCE A CAVITES CYLINDRIQUES A AXES ALIGNES**  
[72] GRAY, Devon J., US  
[73] HUGHES ELECTRONICS CORPORATION, US  
[22] 1998-03-26  
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[72] LIN, Li-Hua, TW  
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[13] C

[51] **Int.Cl. 6G01V 1/24 6G01V 1/26 6G01V 1/36 6G01V 1/37**  
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[54] **HIGH FIDELITY VIBRATORY SOURCE SEISMIC METHOD USING A PLURALITY OF VIBRATOR SOURCES**  
[54] **PROCEDE SISMIQUE HAUTE FIDELITE UTILISANT UNE PLURALITE DE SOURCES VIBRATOIRES**  
[72] ALLEN, Kenneth Paul, US  
[73] MOBIL OIL CORPORATION, US  
[85] 1998-04-15  
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[54] **PORTILLON UNIDIRECTIONNEL ET AMOVIBLE MUNI DE PATTES RECOURBEES ET ESPACEES POUR CASIER A HOMARDS**  
[72] KNIGHT, Richard S., US  
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[22] 1998-06-18  
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[13] C

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[54] **CONNECTEUR D'INTERUPTEUR**  
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[72] PAPE, Günter, DE  
[72] WEICHERT, Frank, DE  
[73] HARTING KGaA, DE  
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[13] C

[51] **Int.Cl. 6A61K 7/32**  
[25] EN  
[54] **ANTIPERSPIRANT CREAM COMPOSITIONS COMPRISING SELECT TRIGLYCERIDE GELLANTS**  
[54] **COMPOSITIONS DE CREME ANTITRANSPIRATION COMPRENANT DES GELIFIANTS A BASE DE TRIGLYCERIDES SELECTIONNES**  
[72] PUTMAN, Christine Marie, US  
[72] SWAILE, David Frederick, US  
[72] BRETZLER, Eric John (deceased), CA  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1998-05-13  
[86] 1996-11-14 (PCT/US96/18065)  
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[13] C

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MODE FILTER WITH ADJUSTABLE  
ATTENUATOR  
[54] FILTRE A MODE EVANESCENT  
INTEGRE AVEC ATTENUATEUR  
REGLABLE  
[72] WARZMAN, Chaim, US  
[72] PAUL, Jeffrey A., US  
[72] WIEN, Roy, US  
[72] HENNEGAN, Richard T., US  
[73] RAYTHEON COMPANY, US  
[85] 1998-05-01  
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[11] 2,238,978  
[13] C

[51] Int.Cl. 6C07D 239/10 6C07D 253/06  
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[54] COMPOSES INHIBITEURS DE  
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[72] COOPER, Arthur J., US  
[72] NORBECK, Daniel W., US  
[72] TIEN, Jieh-Heh J., US  
[72] SHAM, Hing Leung, US  
[72] LIU, Jih-Hua, US  
[72] PATEL, Ketan M., US  
[73] ABBOTT LABORATORIES, US  
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[86] 1996-12-06 (PCT/US96/20440)  
[87] (WO97/21685)  
[30] US (08/572,226) 1995-12-13  
[30] US (08/753,201) 1996-11-21

[11] 2,239,269  
[13] C

[51] Int.Cl. 6D06F 75/26  
[25] EN  
[54] NON-CONTACT TEMPERATURE  
CONTROL AND METHOD FOR  
LAUNDRY IRONERS  
[54] DISPOSITIF DE REGULATION  
THERMIQUE SANS CONTACT ET  
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MACHINE A REPASSER  
[72] MITCHELL, James E., US  
[72] JOHNSON, Bruce W., US  
[73] FINISHTECH LTD., US  
[22] 1998-05-29  
[30] US (08/865,318) 1997-05-29

[11] 2,240,204  
[13] C

[51] Int.Cl. 6H01Q 21/10 6H04B 7/10  
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[25] EN  
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SECTOR COVERAGE ANTENNA  
ARRAY  
[54] RESEAU D'ANTENNES COMBINE  
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[72] SMITH, Martin Stevens, GB  
[73] NORTEL NETWORKS LIMITED, CA  
[22] 1998-06-10  
[30] US (08/903,840) 1997-07-31

[11] 2,241,494  
[13] C

[51] Int.Cl. 6H04M 15/08  
[25] EN  
[54] UNIVERSAL CALL ACCESS WITH  
REVERSE BILLING  
[54] METHODE D'ACCES  
TELEPHONIQUE UNIVERSELLE A  
FACTURATION INVERSEE  
[72] BAUER, Thomas Michael, US  
[72] GILBOY, Christopher P., US  
[73] AT&T CORP., US  
[22] 1998-06-25  
[30] US (08/914,862) 1997-08-19

[11] 2,242,164  
[13] C

[51] Int.Cl. 6G11B 7/09 6G11B 7/00  
[25] EN  
[54] DATA RECORDING METHOD AND  
APPARATUS FOR OPTICAL MEMORY  
CARDS  
[54] PROCEDE ET APPAREIL  
D'ENREGISTREMENT DE DONNEES  
POUR CARTES OPTIQUES  
[72] KIMURA, Yasuyuki, JP  
[73] KABUSHIKI KAISHA NIPPON  
CONLUX, JP  
[85] 1998-07-03  
[86] 1997-11-10 (PCT/JP97/04082)  
[87] (WO98/21721)  
[30] JP (298783/1996) 1996-11-11

[11] 2,243,328  
[13] C

[51] Int.Cl. 6B04C 5/00  
[25] EN  
[54] PROCESS FOR CENTRIFUGAL  
SEPARATION OF MATERIAL  
[54] PROCEDE DE SEPARATION  
CENTRIFUGE DE MATIERE  
[72] CLARK, Thomas Richard, US  
[73] E.I. DU PONT DE NEMOURS AND  
COMPANY, US  
[85] 1998-07-17  
[86] 1997-01-22 (PCT/US97/00884)  
[87] (WO97/27924)  
[30] US (60/010,942) 1996-01-31

[11] 2,244,701  
[13] C

[51] Int.Cl. 6A41D 1/02 6D05C 17/00  
6A41D 27/02  
[25] EN  
[54] JACKET AND METHOD OF  
EMBROIDERING THE SAME  
[54] VESTON ET METHODE POUR LE  
BRODER  
[72] CAREY, Glynn, CA  
[73] CAREY, GLYNN, CA  
[73] VREIM, JEFFREY LYNN, CA  
[22] 1998-08-11

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[11] **2,245,171**  
[13] C

[51] **Int.Cl. 6H04M 7/00 6H04M 1/00 6H04M 9/00**  
[25] EN  
[54] **SMART TELECOMMUNICATIONS INTERFACE**  
[54] **TECHNOLOGIE D'INTERFACE INTELLIGENTE**  
[72] STELMAN, Bruce W., US  
[73] HELLO DIRECT, INC., US  
[85] 1998-07-30  
[86] 1997-03-27 (PCT/US97/06085)  
[87] (WO97/36411)  
[30] US (08/625,398) 1996-03-27

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[11] **2,248,278**  
[13] C

[51] **Int.Cl. 6B31B 1/74 6B31F 1/36**  
[25] EN  
[54] **PRECONDITIONED PAPERBOARD CONTAINERS AND METHOD AND APPARATUS FOR MAKING SAME**  
[54] **CONTENANTS DE CARTON PRECONDITIONNES ET METHODE ET APPAREIL DE FABRICATION CORRESPONDANTS**  
[72] HUSS, Brian S., US  
[72] ALOISI, Robert J., US  
[72] LIVINGSTON, Arthur, US  
[73] James River Corporation of Virginia, US  
[22] 1995-03-10  
[62] 2,144,360  
[30] US (08/208,883) 1994-03-11

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[11] **2,248,994**  
[13] C

[51] **Int.Cl. 6C11D 1/66 6C11D 11/00 6C11D 17/06 6C11D 3/10 6C11D 3/20**  
[25] EN  
[54] **FREE-FLOWING AGGLOMERATED NONIONIC SURFACTANT DETERGENT COMPOSITION AND PROCESS FOR MAKING SAME**  
[54] **COMPOSITION DETERGENTE TENSIOACTIVE NON-IONIQUE FLUIDE AGGLOMERE ET SON PROCEDE DE FABRICATION**  
[72] STALEY, David S., US  
[73] AMWAY CORPORATION, US  
[85] 1998-09-15  
[86] 1997-03-10 (PCT/US97/03741)  
[87] (WO97/33959)  
[30] US (08/616,443) 1996-03-15  
[30] US (08/616,568) 1996-03-15

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[11] **2,249,242**  
[13] C

[51] **Int.Cl. 6B63B 1/38 6B63B 1/12**  
[25] EN  
[54] **SURFACE EFFECT VESSEL HULL**  
[54] **CARENE DE BATEAU A EFFET DE SURFACE**  
[72] HARLEY, Howard D., US  
[73] HARLEY, Howard D., US  
[85] 1998-09-17  
[86] 1997-03-06 (PCT/US97/03390)  
[87] (WO97/34796)  
[30] US (08/620,117) 1996-03-21

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[11] **2,250,810**  
[13] C

[51] **Int.Cl. 6H04S 5/00 6H04R 5/00**  
[25] EN  
[54] **SIX-AXIS SURROUND SOUND PROCESSOR WITH IMPROVED MATRIX AND CANCELLATION CONTROL**  
[54] **PROCESSEUR ACOUSTIQUE D'AMBIANCE A SIX AXES AVEC MATRICE PERFECTIONNEE ET COMMANDE D'ANNULATION**  
[72] FOSGATE, James Wayne, US  
[73] HARMAN INTERNATIONAL INDUSTRIES, INC., US  
[85] 1998-10-01  
[86] 1997-03-14 (PCT/US97/03849)  
[87] (WO97/37512)  
[30] US (08/631,603) 1996-04-02

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[11] **2,253,159**  
[13] C

[51] **Int.Cl. 6A61L 2/16**  
[25] EN  
[54] **DISINFECTING AND SANITIZING ARTICLE**  
[54] **ARTICLE SERVANT A DESINFECTER ET A ASSAINIR**  
[72] ROSE, Edward S., US  
[72] WILE, Raymond G., US  
[73] ILLINOIS TOOL WORKS INC., US  
[22] 1998-10-30  
[30] US (08/963,342) 1997-11-03

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[11] **2,253,583**  
[13] C

[51] **Int.Cl. 6H03L 7/085 6H03L 7/08**  
[25] EN  
[54] **PHASE LOCKED LOOP**  
[54] **BOUCLE A PHASE ASSERVIE**  
[72] BURZIO, Marco, IT  
[73] CSELT - CENTRO STUDI E LABORATORI TELECOMUNICAZIONI S.P.A., IT  
[22] 1998-11-04  
[30] IT (TO 97 A 000 970) 1997-11-06

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[11] \* **2,257,556**  
[13] C

[51] **Int.Cl. 6E04H 15/54 6E04H 15/16 6E04H 15/64**  
[25] FR  
[54] **DOUBLE-TOIT ARCTIQUE**  
[54] **ARCTIC DOUBLE ROOF**  
[72] FORTIN, André, CA  
[73] FORTIN, André, CA  
[22] 1998-12-23

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[11] **2,257,617**  
[13] C

[51] **Int.Cl. 6H03F 1/42 6H04N 7/10 6H04N 7/16 6H03F 3/19**  
[25] EN  
[54] **WIDEBAND CATV AMPLIFIER WITH MICROPROCESSOR-BASED SLOPE AND GAIN CONTROL**  
[54] **AMPLIFICATEUR DE CABLODISTRIBUTION A LARGE BANDE AVEC COMMANDE DE PENTE ET DE GAIN PAR MICROPROCESSEUR**  
[72] UNDERKOFLE, Leon M., US  
[72] BLOUNT, Richard J., Jr., US  
[73] SCIENTIFIC-ATLANTA, INC., US  
[22] 1998-12-30  
[30] US (001,961) 1998-01-02

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[11] **2,262,074**  
[13] C

[51] **Int.Cl. 6B62D 55/08 6B62D 55/07**  
[25] FR  
[54] **GLISSIERE POUR RAIL DE SUPPORT DE CHENILLE DE MOTONEIGE**  
[54] **SLIDE FOR SNOWMOBILE TRACK SUPPORT RAIL**  
[72] MALTAIS, Robert, CA  
[73] MALTAIS, Robert, CA  
[22] 1999-02-22

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[11] 2,264,337  
[13] C

[51] Int.Cl. 6G05D 23/19  
[25] EN  
[54] TEMPERATURE CONTROL SYSTEM WITH THERMOELECTRIC AND RECHARGEABLE ENERGY SOURCES  
[54] SYSTEME DE REGULATION DE TEMPERATURE A ALIMENTATION THERMOELECTRIQUE ET RECHARGEABLE  
[72] MAHER, Charles A., Jr., US  
[73] TRIDELTA INDUSTRIES, INC., US  
[22] 1999-03-03  
[30] US (09/048,471) 1998-03-26

[11] 2,288,449  
[13] C

[51] Int.Cl. 6F16H 61/28 6F16H 47/00  
[25] EN  
[54] VALVE BODY FOR AUTOMATIC OVERDRIVE TRANSMISSION AND METHOD OF OPERATION  
[54] BOITIER DE SOUPAPES POUR TRANSMISSION AUTOMATIQUE A SURMULTIPLICATION ET MODE D'EMPLOI  
[72] BERTRAND, LEN, CA  
[73] LENTECH AUTOMATICS INC., CA  
[22] 1999-11-25  
[30] US (09/239,019) 1999-01-29

[11] 2,307,865  
[13] C

[51] Int.Cl. 6A61F 2/06  
[25] EN  
[54] TRANSMYOCARDIAL REVASCULARIZATION SYSTEM  
[54] SYSTEME DE REVASCULARISATION TRANSMYOCARDIQUE  
[72] EVANS, DOUGLAS G., US  
[72] NASH, JOHN E., US  
[73] KENSEY NASH CORPORATION, US  
[85] 2000-04-27  
[86] 1998-10-13 (PCT/US98/21503)  
[87] (WO99/21510)  
[30] US (08/958,788) 1997-10-29

[11] 2,268,128  
[13] C

[51] Int.Cl. 6G06F 12/06 6G06F 12/16  
[25] EN  
[54] EXPANSION OF THE NUMBER OF DRIVES IN A RAID SET WHILE MAINTAINING INTEGRITY OF MIGRATED DATA  
[54] AUGMENTATION DU NOMBRE D'UNITES DANS UN ENSEMBLE DE GRAPPES DE DISQUES TOUT EN CONSERVANT L'INTEGRITE DES DONNEES TRANSFEREES  
[72] SHALIT, Amir, US  
[73] MYLEX CORPORATION, US  
[85] 1999-04-07  
[86] 1997-10-03 (PCT/US97/17879)  
[87] (WO98/15895)  
[30] US (08/727,745) 1996-10-08

[11] 2,301,608  
[13] C

[51] Int.Cl. 7F41B 11/00  
[25] EN  
[54] BALL PROJECTING ATTACHMENT FOR VARIOUS AIR BLOWERS  
[54] ACCESSOIRE DE PROJECTION DE BALLE POUR DIFFERENTES SOUFFLANTES D'AIR  
[72] COSTA, FRANK J., US  
[72] KAPPERNAROS, JAMES, US  
[72] BACKERIS, DEAN A., US  
[73] COSTA, FRANK J., US  
[73] KAPPERNAROS, JAMES, US  
[73] BACKERIS, DEAN A., US  
[85] 2000-02-24  
[86] 1998-08-24 (PCT/US98/17501)  
[87] (WO99/10698)  
[30] US (08/920,180) 1997-08-25

[11] 2,310,845  
[13] C

[51] Int.Cl. 7A61K 38/16 7A61P 21/00  
[25] EN  
[54] TREATMENT OF NEUROMUSCULAR DISORDERS AND CONDITIONS WITH DIFFERENT BOTULINUM SEROTYPE  
[54] TRAITEMENT DE TROUBLES ET DE MALADIES NEUROMUSCULAIRES A L'AIDE DE DIFFERENTS SEROTYPES DE BOTULINUM  
[72] GRAYSTON, MICHAEL W., US  
[72] LEON, JUDITH M., US  
[72] AOKI, K. ROGER, US  
[72] CARLSON, STEVEN R., US  
[73] Allergan Inc., US  
[22] 1994-06-07  
[62] 2,164,866  
[30] US (08/075,048) 1993-06-10

[11] 2,277,979  
[13] C

[51] Int.Cl. 6D21F 1/00  
[25] EN  
[54] ROLL AND BLADE TWIN-WIRE GAP FORMER FOR A PAPER MACHINE  
[54] FORMEUR D'ESPACE A DOUBLE TOILE AVEC ROULEAU ET LAME POUR MACHINE A PAPIER  
[72] ODELL, MICHAEL, FI  
[72] VERKASALO, LAURI, FI  
[73] VALMET CORPORATION, FI  
[22] 1997-06-10  
[62] 2,228,259  
[30] US (08/661,657) 1996-06-11

[11] 2,305,684  
[13] C

[51] Int.Cl. 7E04F 11/09 7E04G 23/02  
[25] EN  
[54] STAIRCASE, STAIRCASE REPAIR DEVICE AND METHODS OF FABRICATING SAME  
[54] ESCALIER, DISPOSITIF DE REPARATION D'ESCALIER ET METHODE DE FABRICATION D'ESCALIER  
[72] BIRCH, LARRY L., US  
[72] EVE, JOHN S., US  
[73] TREAD EX, INC., US  
[22] 2000-05-11  
[30] US (09/311,526) 1999-05-13

# Canadian Laid-Open Applications

April 22, 2001 - April 28, 2001

## Demands canadiennes mises à la disponibilité du public

22 avril 2001 - 28 avril 2001

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[21] **2,286,512**  
[13] A1  
[51] Int.Cl. 6C12Q 1/68 6C07H 21/00  
**6C12Q 1/10**  
[25] EN  
[54] **OLIGONUCLEOTIDE PRIMERS FOR THE SPECIFIC PCR DETECTION OF ENTEROBACTERIACEAE SPECIES DNA USING RFE-RFF GENE TEMPLATES**  
[54] **AMORCES D'OLIGONUCLEOTIDES POUR LA DETECTION SPECIFIQUE PAR PCR DE L'ADN D'ESPECES D'ENTEROBACTERIACEAE PAR L'UTILISATION DE MATRICES DES GENES RFE-RFF**  
[72] BAYARDELLE, PAUL, CA  
[71] CORPORATION DU CENTRE DE RECHERCHE DU CENTRE HOSPITALIER DE L'UNIVERSITÉ, CA  
[22] 1999-10-27  
[43] 2001-04-27

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[21] **2,286,515**  
[13] A1  
[51] Int.Cl. 6C12N 15/29  
[25] EN  
[54] **CONSTITUTIVE EXPRESSION OF PLANT GENES BY A 648 BP REGULATORY SEQUENCE FROM A PEA POLYUBIQUITIN GENE**  
[54] **EXPRESSION CONSTITUTIVE DE GENES VEGETAUX PAR UNE SEQUENCE REGULATRICE DE 648 PB SITUEE DANS LE GENE DE LA POLYUBIQUITINE DU POIS**  
[72] MAHON, JOHN D., CA  
[72] XIA, XINJIE JAMES, CA  
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA  
[22] 1999-10-27  
[43] 2001-04-27

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[21] **2,287,099**  
[13] A1  
[51] Int.Cl. 6G07F 9/00  
[25] EN  
[54] **CLOCKED PRICE CHANGES IN COIN-OPERATED DEVICES**  
[54] **MODIFICATIONS DU PRIX EN FONCTION DU TEMPS DANS UN DISPOSITIF PAYANT**  
[72] ELLSBERG, THOMAS R., US  
[71] ELLSBERG, THOMAS R., US  
[22] 1999-10-22  
[43] 2001-04-22

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[21] **2,287,116**  
[13] A1  
[51] Int.Cl. 6C22F 1/10  
[25] EN  
[54] **PROCESS FOR THE HEAT TREATMENT OF A NI-BASE HEAT-RESISTING ALLOY**  
[54] **PROCEDE POUR LE TRAITEMENT THERMIQUE D'UN ALLIAGE A BASE DE NI THERMORESISTANT**  
[72] SAKASHITA, SHYUICHI, JP  
[72] KAWAI, HISATAKA, JP  
[72] TAMURA, ITARU, JP  
[72] TORIGOE, TAIJI, JP  
[72] TAKAHASHI, KOJI, JP  
[72] OKADA, IKUO, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[71] MITSUBISHI STEEL MFG. CO., LTD., JP  
[22] 1999-10-25  
[43] 2001-04-25

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[21] **2,287,135**  
[13] A1  
[51] Int.Cl. 6B65D 81/26  
[25] EN  
[54] **A PACKAGE FOR PACKAGING A FOOD PRODUCT**  
[54] **EMBALLAGE POUR LE CONDITIONNEMENT D'UN PRODUIT ALIMENTAIRE**  
[72] LEMAIRE, SYLVIE, CA  
[71] FEMPRO INC., CA  
[22] 1999-10-25  
[43] 2001-04-25

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[21] **2,287,150**  
[13] A1  
[51] Int.Cl. 7A61L 2/07  
[25] EN  
[54] **METHOD AND APPARATUS FOR REDUCING OUTBREAKS OF DIFFUSE LAMELLAR KERATITIS**  
[54] **METHODE ET APPAREIL POUR REDUIRE LA FREQUENCE DE KERATITE LAMELLAIRE DIFFUSE**  
[72] MORCK, DOUGLAS W., CA  
[71] MORCK, DOUGLAS W., CA  
[71] HOLLAND, SIMON P., CA  
[22] 1999-10-22  
[43] 2001-04-22



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[21] **2,287,151**  
[13] A1  
[51] **Int.Cl. 6C09K 3/00 6C07C 23/02 6C07C 17/16**  
[25] EN  
[54] **PREPARATION OF LUCAS REAGENT OF ENHANCED UTILITY AND ITS USE IN SYNTHESIS OF CYCLOALIPHATIC CHLORIDES**  
[54] **PREPARATION DE REACTIF DE LUCAS AYANT DE MEILLEURES PROPRIETES ET SON UTILISATION POUR LA SYNTHESE DE CHLOROCYCLOALCANES**  
[72] ORIHUELA, FELIX M., US  
[72] MALCOLM, ARCELIO J., US  
[72] SENARATNE, K. PUSHPANANDA A., US  
[71] ALBEMARLE CORPORATION, US  
[22] 1999-10-25  
[43] 2001-04-25

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[21] **2,287,215**  
[13] A1  
[51] **Int.Cl. 6A46B 5/02 6B25G 1/10**  
[25] EN  
[54] **ERGONOMIC HANDLE**  
[54] **POIGNEE ERGONOMIQUE**  
[72] VAES, ED, CA  
[71] VAES, ED, CA  
[22] 1999-10-22  
[43] 2001-04-22

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[21] **2,287,217**  
[13] A1  
[51] **Int.Cl. 6B26D 5/20 6B27B 13/00 6B27B 25/00 6B23D 47/04 6B23D 55/04 6B27B 31/06 6B27B 5/29**  
[25] EN  
[54] **METHOD FOR VARIABLY CONTROLLING WORK FEED RATE FOR CUTTING WOOD, METAL AND OTHER MATERIALS**  
[54] **TECHNIQUE DE COMMANDE VARIABLE DE LA VITESSE D'ALIMENTATION PENDANT LA COUPE DE BOIS, DE METAL ET D'AUTRES MATERIAUX**  
[72] SMITH, H. REID, US  
[71] SMITH, H. REID, US  
[22] 1999-10-22  
[43] 2001-04-22

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[21] **2,287,246**  
[13] A1  
[51] **Int.Cl. 6H01R 33/09 6F21P 1/02 6A47G 33/16**  
[25] EN  
[54] **LIGHT BULB HOLDER WITHOUT CONNECTION TERMINALS USED FOR CHRISTMAS DECORATIVE LAMPS**  
[54] **PORTE-AMPOULE SANS TERMINAUX DE CONNEXION POUR LUMIERES DE NOEL**  
[72] SHU, KUO FEN, CN  
[71] SHU, KUO FEN, CN  
[22] 1999-10-22  
[43] 2001-04-22

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[21] **2,287,252**  
[13] A1  
[51] **Int.Cl. 6H01R 33/09 6F21P 1/02 6A47G 33/16**  
[25] EN  
[54] **IMPROVED LIGHT EMITTED DIODE LIGHT BULB HOLDER USED IN LED TYPE CHRISTMAS LIGHT BULB STRING**  
[54] **PORTE-AMPOULE A DIODE ELECTROLUMINESCENTE AMELIORE POUR JEU DE LUMIERES DE NOEL DE TYPE DEL**  
[72] SHU, KUO FEN, CN  
[71] SHU, KUO FEN, CN  
[22] 1999-10-22  
[43] 2001-04-22

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[21] **2,287,270**  
[13] A1  
[51] **Int.Cl. 6F02B 43/10 6B60K 15/10**  
[25] EN  
[54] **HYDROGEN GENERATING APPARATUS AND COMPONENTS THEREOF**  
[54] **APPAREIL POUR LA PRODUCTION D'HYDROGENE ET ELEMENTS DE CELUI-CI**  
[72] BALAN, GABI, CA  
[72] SOUZA, MARIO DE, CA  
[71] BALAN, GABI, CA  
[71] SOUZA, MARIO DE, CA  
[22] 1999-10-25  
[43] 2001-04-25

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[21] **2,287,272**  
[13] A1  
[51] **Int.Cl. 6F16H 55/36**  
[25] EN  
[54] **PULLEY WHEEL**  
[54] **ROUE A GORGE**  
[72] CHUANG, WILLIAM, TW  
[71] CHUANG, WILLIAM, TW  
[22] 1999-10-22  
[43] 2001-04-22

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[21] **2,287,278**  
[13] A1  
[51] **Int.Cl. 6B25H 3/04**  
[25] EN  
[54] **TOOL DISPLAY RACK**  
[54] **RATELIER A OUTILS**  
[72] LEE, JACK, TW  
[71] LEE, JACK, TW  
[22] 1999-10-25  
[43] 2001-04-25

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[21] **2,287,290**  
[13] A1  
[51] **Int.Cl. 6A47D 13/02**  
[25] EN  
[54] **INFANT FRAME CARRIER AND CANOPY**  
[54] **PORTE-BEBE AVEC DAIS**  
[72] FAIR, PAUL, US  
[71] EVENFLO COMPANY, INC., US  
[22] 1999-10-25  
[43] 2001-04-25

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[21] **2,287,426**  
[13] A1  
[51] **Int.Cl. 6B65D 21/00**  
[25] EN  
[54] **DROP-BIN CONTAINERS AND HOLDERS FOR SAME**  
[54] **CONTENANTS A BENNE BASCULANTE ET SUPPORTS POUR CEUX-CI**  
[72] VASUDEVA, KAILASH C., CA  
[71] MAXTECH MANUFACTURING INC., CA  
[22] 1999-10-22  
[43] 2001-04-22

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**22 avril 2001 - 28 avril 2001**

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[21] **2,287,467**  
[13] A1

[51] **Int.Cl. 6F02D 11/02 6G05G 9/00 6G05G 1/04**  
[25] EN  
[54] **A WORKING MACHINE THROTTLE LEVER**  
[54] **MANETTE DE REGIME POUR UNE MACHINE**  
[72] SANO, SHIGEKI, JP  
[71] SANO, SHIGEKI, JP  
[22] 1999-10-22  
[43] 2001-04-22

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[21] **2,287,468**  
[13] A1

[51] **Int.Cl. 6F24F 13/30 6F24F 5/00 6F28F 3/00 6B60H 1/32**  
[25] EN  
[54] **A HEAT EXCHANGER DEVICE FOR AN AIR CONDITIONING SYSTEM**  
[54] **ECHANGEUR DE CHALEUR POUR SYSTEME DE CONDITIONNEMENT D'AIR**  
[72] BRYRUP, NIELS POUL, DK  
[71] CLIMCON A/S, DK  
[22] 1999-10-22  
[43] 2001-04-22

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[21] **2,287,475**  
[13] A1

[51] **Int.Cl. 6A62C 3/00 6E04F 17/12**  
[25] EN  
[54] **WASTE FIRE SUPPRESSION CONTROL DEVICE**  
[54] **DISPOSITIF DE COMMANDE D'EXTINCTION DES INCENDIES DE DECHETS**  
[72] O'LEARY, JAMES, CA  
[71] O'LEARY, JAMES, CA  
[22] 1999-10-28  
[43] 2001-04-28

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[21] **2,287,530**  
[13] A1

[51] **Int.Cl. 6C01B 33/26**  
[25] EN  
[54] **ALUMINOSILICATE COMPOSITIONS, PREPARATION AND USE**  
[54] **COMPOSITIONS A BASE D'ALUMINOSILICATE, PREPARATION ET UTILISATION**  
[72] QUESADA PEREZ, ANDREAS MIGUEL, VE  
[72] VITALE-ROJAS, GERARDO, VE  
[71] INTEVEP, S.A., VE  
[22] 1999-10-27  
[43] 2001-04-22  
[30] US (09/425,500) 1999-10-22

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[21] **2,287,544**  
[13] A1

[51] **Int.Cl. 6B27M 3/00 6B27M 1/08 6E06B 9/388**  
[25] EN  
[54] **WOODEN BLIND SLATS AND METHOD FOR MAKING SAME**  
[54] **LAMELLES DE STORE EN BOIS ET TECHNIQUE DE FABRICATION DE CELLES-CI**  
[72] NIEN, MING, TW  
[71] NIEN MADE ENTERPRISE CO., LTD., TW  
[22] 1999-10-22  
[43] 2001-04-22

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[21] **2,287,546**  
[13] A1

[51] **Int.Cl. 6F23D 11/44 6F23K 5/20**  
[25] EN  
[54] **IMPROVED FUEL VAPORIZER METHOD AND APPARATUS**  
[54] **TECHNIQUE ET APPAREIL DE VAPORISATION D'ESSENCE AMELIORES**  
[72] FLEMING, LEONARD WILLIAM, CA  
[71] INTERNATIONAL THERMAL INVESTMENTS LTD., CA  
[22] 1999-10-28  
[43] 2001-04-28

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[21] **2,287,547**  
[13] A1

[51] **Int.Cl. 6E01C 23/14**  
[25] EN  
[54] **METHOD OF AND APPARATUS FOR HEATING A ROAD SURFACE FOR REPAVING**  
[54] **TECHNIQUE ET APPAREIL DE CHAUFFAGE DE LA SURFACE D'UNE ROUTE EN VUE DE LA REFECTION DE SON REVETEMENT**  
[72] WILEY, THOMAS WILLIAM, CA  
[71] WILEY, THOMAS WILLIAM, CA  
[22] 1999-10-27  
[43] 2001-04-27

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[21] **2,287,548**  
[13] A1

[51] **Int.Cl. 6A63B 69/36 6A63B 53/00**  
[25] EN  
[54] **SPORT IMPLEMENT WITH HINGED SHAFT**  
[54] **ARTICLE DE SPORT AVEC ARBRE ARTICULE**  
[72] LEBLANC, MARC-ANDRÉ, CA  
[71] LEBLANC, MARC-ANDRÉ, CA  
[22] 1999-10-22  
[43] 2001-04-22

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[21] **2,287,564**  
[13] A1

[51] **Int.Cl. 6C07C 11/02 6C08F 110/02 6C07C 4/04 6C07C 2/30 6C07C 2/32**  
[25] EN  
[54] **INTEGRATED HIGH TEMPERATURE HIGH CONVERSION OLEFIN/POLYOLEFIN PROCESS**  
[54] **PROCEDE INTEGRE DE CONVERSION D'OLEFINES EN POLYOLEFINES A HAUTE TEMPERATURE**  
[72] BENUM, LESLIE W., CA  
[72] OBALLA, MICHAEL C., CA  
[72] KRZYWICKI, ANDRZEJ Z., CA  
[72] PURVIS, DAVID, CA  
[71] NOVA CHEMICALS CORPORATION, CA  
[22] 1999-10-22  
[43] 2001-04-22

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[21] **2,287,568**  
[13] A1  
[51] **Int.Cl. 6B65D 88/34**  
[25] EN  
[54] **CONTAINMENT SYSTEM FOR PARTICULATE MATERIALS**  
[54] **SYSTEME DE CONFINEMENT POUR MATIERES PARTICULAIRES**  
[72] CAMERON, MICHAEL W., CA  
[72] KROSHUS, ROS, CA  
[72] ZIMMERMAN, JAY, CA  
[71] MICHAEL W. CAMERON, carrying on business as M.W. MANAGEMENT, CA  
[22] 1999-10-25  
[43] 2001-04-25

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[21] **2,287,573**  
[13] A1  
[51] **Int.Cl. 6H04R 25/02**  
[25] EN  
[54] **NOISE PREVENTER FOR HEARING AID**  
[54] **DISPOSITIF PARE-BRUIT POUR APPAREIL DE CORRECTION AUDITIVE**  
[72] BESIK, FERDINAND, CA  
[71] BESIK, FERDINAND, CA  
[22] 1999-10-25  
[43] 2001-04-25

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[21] **2,287,574**  
[13] A1  
[51] **Int.Cl. 6B42D 15/04 6A63F 1/02**  
[25] EN  
[54] **CREASED CARDS**  
[54] **CARTES PLIEES**  
[72] BUCHOLTZ, ALEXANDER, CA  
[71] BUCHOLTZ, ALEXANDER, CA  
[22] 1999-10-26  
[43] 2001-04-26

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[21] **2,287,576**  
[13] A1  
[51] **Int.Cl. 6E04H 15/36**  
[25] EN  
[54] **REINFORCED PANEL ARCH FOR SOFT-COVERED BUILDINGS AND THE LIKE**  
[54] **ARCADE DE PANNEAUX RENFORCEE POUR BATIMENTS A REVETEMENT SOUPLE ET SIMILAIRE**  
[72] CAMERON, MICHAEL W., CA  
[71] CAMERON, MICHAEL W., CA  
[22] 1999-10-25  
[43] 2001-04-25

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[21] **2,287,577**  
[13] A1  
[51] **Int.Cl. 6F01D 5/18**  
[25] EN  
[54] **GAS TURBINE COOLED MOVING BLADE**  
[54] **AUBE MOBILE REFROIDIE D'UNE TURBINE A GAZ**  
[72] SUENAGA, KIYOSHI, JP  
[72] TOMITA, YASUOKI, JP  
[72] MASADA, JUNICHIRO, JP  
[72] HASHIMOTO, YUKIHIRO, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[22] 1999-10-22  
[43] 2001-04-22

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[21] **2,287,583**  
[13] A1  
[51] **Int.Cl. 6G01G 21/28**  
[25] EN  
[54] **WEIGHING DEVICE**  
[54] **DISPOSITIF DE PESAGE**  
[72] GURR, WAYNE O., CA  
[71] SCALECO, CA  
[22] 1999-10-25  
[43] 2001-04-25

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[21] **2,287,584**  
[13] A1  
[51] **Int.Cl. 6A01C 3/02**  
[25] EN  
[54] **METHOD OF MANURE STORAGE AND DISPOSAL**  
[54] **TECHNIQUE DE STOCKAGE ET DE RECUPERATION DE FUMIER**  
[72] ROSSET, RENE, CA  
[71] ROSSET, RENE, CA  
[22] 1999-10-25  
[43] 2001-04-25

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[21] **2,287,593**  
[13] A1  
[51] **Int.Cl. 6E21B 33/06**  
[25] EN  
[54] **HYDRAULIC BLOWOUT PREVENTER ASSEMBLY FOR PRODUCTION WELLHEAD**  
[54] **OBTURATEUR D'ERUPTION HYDRAULIQUE POUR TETE DE PUIITS DE PRODUCTION**  
[72] LAM, TONY M., CA  
[72] FARQUHARSON, KEITH D., CA  
[71] LAM, TONY M., CA  
[71] FARQUHARSON, KEITH D., CA  
[22] 1999-10-26  
[43] 2001-04-26

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[21] **2,287,594**  
[13] A1  
[51] **Int.Cl. 6B63H 16/20 6B63H 16/04**  
[25] EN  
[54] **PORTABLE PADDLE ASSEMBLY FOR A WATERCRAFT**  
[54] **PAGAIE PORTATIVE POUR VEHICULE MARIN**  
[72] BROOKS, GRANT, CA  
[71] BROOKS, GRANT, CA  
[22] 1999-10-26  
[43] 2001-04-26

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[21] **2,287,615**  
[13] A1  
[51] **Int.Cl. 6B23B 5/02 6B24B 5/00 6B60S 5/00**  
[25] EN  
[54] **BRAKE LATHE ADAPTER**  
[54] **ADAPTATEUR DE TOUR POUR FREINS**  
[72] POTRATZ, JAMIE ALLAN, CA  
[72] GOODHOPE, KENNETH C., CA  
[71] RED DEER EXHAUST SPECIALTIES, CA  
[22] 1999-10-28  
[43] 2001-04-28

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[21] **2,287,621**  
[13] A1  
[51] **Int.Cl. 6B66F 3/00 6B66F 13/00 6F16C 3/22**  
[25] EN  
[54] **HAND CRANK FOR A LIFTING JACK**  
[54] **MANIVELLE POUR CRIC DE LEVAGE**  
[72] GRENIER, NELSON, CA  
[71] GRENIER, NELSON, CA  
[22] 1999-10-25  
[43] 2001-04-25

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**22 avril 2001 - 28 avril 2001**

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[21] **2,287,622**  
[13] A1

[51] **Int.Cl. 6C08L 83/06 6C09J 183/06**  
[25] EN  
[54] **MOISTURE CURABLE COMPOSITION**  
[54] **COMPOSITION DURCISSABLE A L'HUMIDITE**  
[72] HORIE, YASUNOBU, JP  
[72] OSHIMA, YUICHI, JP  
[72] EGAWA, YOSHINOBU, JP  
[72] AOKI, HIROSHI, JP  
[72] WAKAUME, TOMOKAZU, JP  
[72] HASHIMUKAI, HIDEHARU, JP  
[71] CEMEDINE CO., LTD., JP  
[22] 1999-10-25  
[43] 2001-04-25

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[21] **2,287,628**  
[13] A1

[51] **Int.Cl. 6A62C 35/68 6F04B 17/00**  
[25] EN  
[54] **AIR PRESSURE FIRE PUMP**  
[54] **POMPE D'INCENDIE PNEUMATIQUE**  
[72] PAYETTE, MARCEL, CA  
[72] BEAINI, PETER, CA  
[71] PAYETTE, MARCEL, CA  
[71] BEAINI, PETER, CA  
[22] 1999-10-26  
[43] 2001-04-26

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[21] **2,287,629**  
[13] A1

[51] **Int.Cl. 6G09F 13/18 6G09F 13/04**  
[25] EN  
[54] **BACK AND EDGE-ILLUMINATED SIGN**  
[54] **AFFICHAGE A ECLAIRAGE ARRIERE ET DE CONTOUR**  
[72] LANGEVIN, YVES, CA  
[71] LANGEVIN, YVES, CA  
[22] 1999-10-26  
[43] 2001-04-26

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[21] **2,287,631**  
[13] A1

[51] **Int.Cl. 6B24B 5/35 6B24B 57/00**  
[25] EN  
[54] **GRINDING SWARF COLLECTOR**  
[54] **COLLECTEUR DE COPEAUX DE MEULAGE**  
[72] KANAI, YASUHIRO, JP  
[72] YASUKURA, HIROSHI, JP  
[72] TAWARA, SATOSHI, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[22] 1999-10-27  
[43] 2001-04-27

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[21] **2,287,640**  
[13] A1

[51] **Int.Cl. 6B65G 53/30**  
[25] EN  
[54] **SLURRY DISTRIBUTOR**  
[54] **DISTRIBUTEUR DE BOUE**  
[72] LEMIEUX, JOHN, CA  
[72] BÉDARD, CLAUDE, CA  
[71] LEMIEUX, JOHN, CA  
[71] BÉDARD, CLAUDE, CA  
[22] 1999-10-22  
[43] 2001-04-22

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[21] **2,287,641**  
[13] A1

[51] **Int.Cl. 6E05B 65/52 6E05B 47/00**  
[25] EN  
[54] **KEYPAD/DIAL RELOCKER**  
[54] **DISPOSITIF DE REVERROUILLAGE DE PAVE NUMERIQUE/DE CADRAN**  
[72] LEGAULT, STÉPHAN, CA  
[71] LEGAULT, STÉPHAN, CA  
[22] 1999-10-27  
[43] 2001-04-27

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[21] **2,287,648**  
[13] A1

[51] **Int.Cl. 6C22C 45/04 6C25B 1/02 6C25B 11/04**  
[25] EN  
[54] **AMORPHOUS METAL/METALLIC GLASS ELECTRODES FOR ELECTROCHEMICAL PROCESSES**  
[54] **ELECTRODES DE METAL AMORPHE/VERRE METALLIQUE POUR PROCESSUS ELECTROCHIMIQUES**  
[72] THORPE, STEVEN J., CA  
[72] KIRK, DONALD W., CA  
[71] THORPE, STEVEN J., CA  
[71] KIRK, DONALD W., CA  
[22] 1999-10-26  
[43] 2001-04-26

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[21] **2,287,659**  
[13] A1

[51] **Int.Cl. 6C10G 35/06**  
[25] EN  
[54] **CATALYTIC REFORMING PROCESS FOR HEAVY CRACKED NAPHTHA**  
[54] **PROCEDE DE REFORMAGE CATALYTIQUE DU NAPHTA LOURD DE CRAQUAGE**  
[72] JOHNS, WILLIAM F., US  
[71] TEXACO DEVELOPMENT CORPORATION, US  
[22] 1999-10-26  
[43] 2001-04-26

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[21] **2,287,671**  
[13] A1  
[51] **Int.Cl. 6G03F 1/08**  
[25] EN  
[54] **METHOD FOR USING SUB-MICRON SILICIDE STRUCTURES FORMED BY DIRECT-WRITE ELECTRON BEAM LITHOGRAPHY FOR FABRICATING MASKS FOR EXTREME ULTRA-VIOLET AND DEEP ULTRA-VIOLET LITHOGRAPHY**  
[54] **METHODE D'UTILISATION DE STRUCTURES SUBMICRONIQUES DE SILICIURE FORMEES PAR LITHOGRAPHIE PAR FAISCEAU ELECTRONIQUE A GRAVURE DIRECTE POUR FABRIQUER DES MASQUES POUR LES LITHOGRAPHIES PAR ULTRAVIOLETS EXTREMES ET PAR ULTRAVIOLETS PROFONDS**  
[72] BEAUVAIS, JACQUES, CA  
[72] LAVALLÉE, ERIC, CA  
[72] DROUIN, DOMINIQUE, CA  
[71] BEAUVAIS, JACQUES, CA  
[71] LAVALLÉE, ERIC, CA  
[71] DROUIN, DOMINIQUE, CA  
[22] 1999-10-27  
[43] 2001-04-27

[21] **2,287,672**  
[13] A1  
[51] **Int.Cl. 6C05F 9/02**  
[25] EN  
[54] **SMALL SCALE AUTOMATED DRUM COMPOSTER**  
[54] **PETIT COMPOSTEUR A TAMBOUR AUTOMATISE**  
[72] WRIGHT, JAMES, CA  
[71] WRIGHT, JAMES, CA  
[22] 1999-10-27  
[43] 2001-04-27

[21] **2,287,675**  
[13] A1  
[51] **Int.Cl. 7B65B 11/04**  
[25] EN  
[54] **MACHINE AND METHOD FOR FASTENING A LOAD**  
[54] **MACHINE ET TECHNIQUE D'ARRIMAGE DE CHARGE**  
[72] DITCHBURN, GLEN, CA  
[72] MAROIS, YANICK, CA  
[71] WULFTEC INTERNATIONAL INC., CA  
[22] 1999-10-27  
[43] 2001-04-27

[21] **2,287,678**  
[13] A1  
[51] **Int.Cl. 6F24B 5/00 6F24B 1/189 6F24B 1/19**  
[25] EN  
[54] **WOOD BURNING STOVE**  
[54] **POELE A BOIS**  
[72] PERRAULT, CHARLIE, CA  
[71] PERRAULT, CHARLIE, CA  
[22] 1999-10-27  
[43] 2001-04-27

[21] **2,287,680**  
[13] A1  
[51] **Int.Cl. 6A63B 69/00**  
[25] EN  
[54] **BASKETBALL SHOT MAKING TRAINING DEVICE**  
[54] **DISPOSITIF D'ENTRAINEMENT AU LANCER DE BASKET-BALL**  
[72] GILFORD, LUTHER G., US  
[71] GILFORD, LUTHER G., US  
[22] 1999-10-27  
[43] 2001-04-27

[21] **2,287,681**  
[13] A1  
[51] **Int.Cl. 6E21B 17/042**  
[25] EN  
[54] **INTERFERENCE FIT COUPLING AND METHOD OF APPLICATION FOR SAME**  
[54] **RACCORD A AJUSTEMENT SERRE ET TECHNIQUE D'APPLICATION DE CELUI-CI**  
[72] YAO, JAMES JING, CA  
[71] BOART LONGYEAR INC., CA  
[22] 1999-10-28  
[43] 2001-04-28

[21] **2,287,696**  
[13] A1  
[51] **Int.Cl. 6E21B 7/18**  
[25] EN  
[54] **LOCKING SWIVEL DEVICE**  
[54] **DISPOSITIF DE VERROUILLAGE PIVOTANT**  
[72] RITORTO, LEONARDO, CA  
[72] ROSZAK, ROBERT, CA  
[71] RITORTO, LEONARDO, CA  
[71] ROSZAK, ROBERT, CA  
[22] 1999-10-28  
[43] 2001-04-28

[21] **2,287,705**  
[13] A1  
[51] **Int.Cl. 6H01R 33/09 6A47G 33/16**  
[25] EN  
[54] **WIRE CONNECTOR FOR A DECORATIVE LAMP**  
[54] **CONNECTEUR DE FILS POUR LAMPE DECORATIVE**  
[72] TSENG, JEOU-NAN, TW  
[71] TSENG, JEOU-NAN, TW  
[22] 1999-10-28  
[43] 2001-04-28

[21] **2,287,715**  
[13] A1  
[51] **Int.Cl. 6A61B 5/03**  
[25] EN  
[54] **MEDICAL INSTRUMENT FOR TREATING BIOLOGICAL TISSUE**  
[54] **INSTRUMENT MEDICAL POUR LE TRAITEMENT DE TISSUS BIOLOGIQUES**  
[72] HAUPT, GERALD, DE  
[72] MENNE, ANDREAS, DE  
[72] SCHULZ, MANFRED, DE  
[71] FERTON HOLDING, CH  
[22] 1999-10-26  
[43] 2001-04-26

[21] **2,287,718**  
[13] A1  
[51] **Int.Cl. 6B32B 1/10 6B32B 1/00**  
[25] EN  
[54] **METHOD FOR FABRICATING THERMOFORMED PLASTIC LAMINATE ARTICLES**  
[54] **TECHNIQUE DE FABRICATION D'ARTICLES LAMINES EN PLASTIQUE THERMOFORMABLE**  
[72] KARESA, PETER B., CA  
[71] KARESA, PETER B., CA  
[22] 1999-10-28  
[43] 2001-04-28

[21] **2,287,728**  
[13] A1  
[51] **Int.Cl. 6F25D 23/02**  
[25] EN  
[54] **REFRIGERATOR DOOR VENTING ARRANGEMENT**  
[54] **DISPOSITIF D'AERATION DE PORTE DE REFRIGERATEUR**  
[72] KLAAS, MURRAY, CA  
[71] CAMCO INC., CA  
[22] 1999-10-28  
[43] 2001-04-28

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[21] **2,287,732**  
[13] A1

[51] **Int.Cl. 6F23G 7/08 6E21B 41/00**  
[25] EN  
[54] **PORTABLE FLARE KNOCKOUT**  
[54] **LANCE-FUSEES ECLAIRANTES PORTATIF**  
[72] ROMEO, MARLIN, CA  
[71] ROMEO, MARLIN, CA  
[22] 1999-10-28  
[43] 2001-04-28

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[21] **2,287,734**  
[13] A1

[51] **Int.Cl. 6B61J 1/12 6B61J 3/00**  
[25] EN  
[54] **AUXILIARY TRUCK RAIL CAR**  
[54] **AUTORAIL CAMION AUXILIAIRE**  
[72] CRISP, IAN, CA  
[71] HYDRA NOR INTERNATIONAL LTD., CA  
[22] 1999-10-28  
[43] 2001-04-28

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[21] **2,287,756**  
[13] A1

[51] **Int.Cl. 6A63B 37/00 6A63B 39/00**  
[25] EN  
[54] **GAME BALL WITH COVERING RESISTANT TO WATER PENETRATION AND METHOD OF MANUFACTURE**  
[54] **BALLE DE JEU AVEC REVETEMENT RESISTANT A L'EAU ET TECHNIQUE DE FABRICATION**  
[72] SULLIVAN, MICHAEL J., US  
[71] SPALDING SPORTS WORLDWIDE, INC., US  
[22] 1999-10-28  
[43] 2001-04-28

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[21] **2,287,762**  
[13] A1

[51] **Int.Cl. 6B26B 3/00**  
[25] EN  
[54] **UTILITY KNIFE**  
[54] **COUTEAU TOUT USAGE**  
[72] HUANG, YIN HAN, TW  
[71] HUANG, YIN HAN, TW  
[22] 1999-10-28  
[43] 2001-04-28

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[21] **2,287,800**  
[13] A1

[51] **Int.Cl. 6A61K 31/19 6A61K 9/14 6A61K 31/16 6A61K 9/20 6A61K 47/38**  
[25] FR  
[54] **COMPOSITION CONTENANT DE L'HYDROXYPROPYLCELLULOSE, DE L'HYDROXYPROPYLMETHYLCELLULOSE ET/OU DE L'ETHYLCELLULOSE A TITRE D'AGENTS DESINTEGRANTS, ET PROCEDE D'OBTENTION**  
[54] **COMPOUND CONTAINING HYDROXYPROPYLCELLULOSE, HYDROXYPROPYLMETHYLCELLULOSE, AND/OR ETHYLCELLULOSE AS DISINTEGRATING AGENTS, AND PRODUCTION PROCESS**  
[72] BESSE, JÉROME, FR  
[71] GALENIX DEVELOPPEMENT, FR  
[22] 1999-10-25  
[43] 2001-04-25

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[21] **2,287,817**  
[13] A1

[51] **Int.Cl. 6F16L 55/033 6F16K 47/02**  
[25] EN  
[54] **BLOW OFF SILENCER**  
[54] **SILENCIEUX D'ÉCHAPPEMENT**  
[72] CISALOWICZ, RICHARD, CA  
[71] CISALOWICZ, RICHARD, CA  
[22] 1999-10-25  
[43] 2001-04-25

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[21] **2,287,818**  
[13] A1

[51] **Int.Cl. 6E01F 9/017 6A63C 19/10 6E04H 12/22 6E04H 17/22 6E02D 5/80**  
[25] EN  
[54] **BRUSH GATE**  
[54] **CLOTURE A ECOUVILLONS**  
[72] TICHY, MILOS, CA  
[71] TICHY, MILOS, CA  
[22] 1999-10-25  
[43] 2001-04-25

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[21] **2,287,825**  
[13] A1

[51] **Int.Cl. 6A23L 1/212**  
[25] EN  
[54] **LOW FAT FOOD PRODUCT**  
[54] **PRODUIT ALIMENTAIRE FAIBLE EN MATIERE GRASSE**  
[72] SCHECHTER, STEVEN M., US  
[71] SUPERIOR NUTRITION CORPORATION, US  
[22] 1999-10-22  
[43] 2001-04-22

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[21] **2,288,167**  
[13] A1

[51] **Int.Cl. 6H04L 12/16 6G07F 19/00 6H04L 9/00 6H04L 12/22**  
[25] EN  
[54] **DIGITAL MONEY AND STORAGE/ TRANSFER MEANS THEREOF**  
[54] **ARGENT ELECTRONIQUE ET METHODE DE STOCKAGE ET DE TRANSFERT D'ARGENT ELECTRONIQUE**  
[72] SWIST, JASON, CA  
[71] SWIST, JASON, CA  
[22] 1999-10-25  
[43] 2001-04-25

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[21] **2,288,168**  
[13] A1

[51] **Int.Cl. 6A47G 9/02 6A47C 27/14**  
[25] EN  
[54] **FOAM CORE FOR PILLOWS**  
[54] **AME DE MOUSSE POUR OREILLERS**  
[72] SZOKE, BELA B., CA  
[71] SZOKE, BELA B., CA  
[22] 1999-10-27  
[43] 2001-04-27

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[21] **2,288,169**  
[13] A1

[51] **Int.Cl. 6A47G 9/02 6A47C 27/14**  
[25] EN  
[54] **ENCLOSURE OF A FOAM PILLOW**  
[54] **ENVELOPPE D'UN OREILLER EN MOUSSE**  
[72] SZOKE, BELA B., CA  
[71] SZOKE, BELA B., CA  
[22] 1999-10-27  
[43] 2001-04-27

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[21] **2,288,170**  
[13] A1

[51] **Int.Cl. 6A23G 9/20 6A23C 9/123 6A23G 9/28**  
[25] EN  
[54] **METHOD AND TOOLING FOR FOOD EXTRUSION**  
[54] **TECHNIQUE ET OUTILLAGE POUR EXTRUSION D'ALIMENTS**  
[72] PINEAULT, MARCEL, CA  
[71] PINEAULT, MARCEL, CA  
[22] 1999-10-25  
[43] 2001-04-25

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April 22, 2001 - April 28, 2001

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[21] **2,288,230**  
[13] A1  
[51] **Int.Cl. 6F16J 15/50 6F04B 53/00**  
**6F16J 15/54**  
[25] EN  
[54] **MULTIPLE LIP SEAL CARTRIDGE**  
**AND ADJUSTABLE SLEEVE**  
[54] **CARTOUCHE A JOINTS A LEVRE**  
**MULTIPLES ET MANCHON**  
**AJUSTABLE**  
[72] RAMSAY, THOMAS WILSON, CA  
[71] RAMSAY, THOMAS WILSON, CA  
[22] 1999-10-27  
[43] 2001-04-27

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[21] **2,288,370**  
[13] A1  
[51] **Int.Cl. 6B61K 3/00**  
[25] EN  
[54] **RAIL LUBRICATOR**  
[54] **GRAISSEUR DE RAIL**  
[72] URMSON, W. THOMAS, US  
[72] STACK, DANIEL P., US  
[72] ANGEL, WILLIAM G., US  
[71] PORTEC RAIL PRODUCTS, INC., US  
[22] 1999-11-02  
[43] 2001-04-28  
[30] US (09/429,385) 1999-10-28

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[21] **2,288,419**  
[13] A1  
[51] **Int.Cl. 6G08B 3/10 6G01N 1/00**  
[25] EN  
[54] **ELECTRONIC DEVICE FOR**  
**SENSING GASES AND EMITTING A**  
**VOICE SAFETY MESSAGE**  
[54] **DISPOSITIF ELECTRONIQUE**  
**POUVANT DECELER LA PRESENCE**  
**DE GAZ ET EMETTRE UN MESSAGE**  
**VOCAL VISANT A PROMOUVOIR LA**  
**SECURITE**  
[72] MAIER, HELMUT WOLFGANG, ZZ  
[72] MAIER, STEVEN EDWARD, CA  
[71] MAIER, HELMUT WOLFGANG, ZZ  
[71] MAIER, STEVEN EDWARD, CA  
[22] 1999-10-28  
[43] 2001-04-28

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[21] **2,288,494**  
[13] A1  
[51] **Int.Cl. 6E21B 7/08**  
[25] EN  
[54] **ONE TRIP MILLING SYSTEM**  
[54] **SYSTEME DE BROYAGE A**  
**MOUVEMENT UNIQUE**  
[72] HEINLEY, DAVE L., CA  
[72] RITORTO, LEONARDO, CA  
[71] CANADIAN DOWNHOLE DRILL  
SYSTEMS INC., CA  
[22] 1999-10-22  
[43] 2001-04-22

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[21] **2,288,535**  
[13] A1  
[51] **Int.Cl. 7B66F 9/19 7B65G 41/00**  
**7B65G 13/02**  
[25] EN  
[54] **TRANSFER DEVICE FOR LUMBER**  
**PACKS AND OTHER LOADS**  
[54] **DISPOSITIF DE TRANSFERT DE**  
**TAS DE BOIS D'OEUVRE ET**  
**D'AUTRES CHARGES**  
[72] BENAYOUN, THIERRY, CA  
[72] RIOUX, SYLVAIN, CA  
[71] BENAYOUN, THIERRY, CA  
[71] RIOUX, SYLVAIN, CA  
[22] 1999-10-22  
[43] 2001-04-22

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[21] **2,288,536**  
[13] A1  
[51] **Int.Cl. 7A63B 67/06 7A63F 9/00**  
[25] EN  
[54] **WA-SHOES**  
[54] **WA-SHOES**  
[72] BROCK, RONNIE J., CA  
[71] BROCK, RONNIE J., CA  
[22] 1999-10-25  
[43] 2001-04-25

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[21] **2,289,145**  
[13] A1  
[51] **Int.Cl. 7H01R 4/36 7F16B 41/00**  
**7H01H 71/08 7H01R 13/639**  
[25] EN  
[54] **READY TO WIRE TERMINAL**  
**ASSEMBLY WITH VIBRATION**  
**RESISTANT CLAMPING SCREWS**  
[54] **ENSEMBLE DE BORNES MUNIES**  
**DE VIS DE BLOCAGE RESISTANTES**  
**AUX VIBRATIONS**  
[72] REDLER, DANIEL S., US  
[72] PICKENS, JON DAVID, US  
[72] HUDSON, RICHARD, US  
[71] SIEMENS ENERGY &  
AUTOMATION, INC., US  
[22] 1999-11-05  
[43] 2001-04-28  
[30] US (09/428,318) 1999-10-28

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[21] **2,289,887**  
[13] A1  
[51] **Int.Cl. 7C23F 13/02**  
[25] EN  
[54] **IMPROVEMENT IN CATHODIC**  
**PROTECTION SYSTEM**  
[54] **AMELIORATION APORTEE A UN**  
**SYSTEME DE PROTECTION**  
**CATHODIQUE**  
[72] BENNETT, JACK E., US  
[72] CLEAR, KENNETH C., US  
[71] BENNETT, JACK E., US  
[71] CLEAR, KENNETH C., US  
[22] 1999-11-18  
[43] 2001-04-28  
[30] US (09/428,900) 1999-10-28

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[21] **2,290,097**  
[13] A1  
[51] **Int.Cl. 6B62M 3/00 6B62M 3/08**  
**6B62M 3/16**  
[25] FR  
[54] **PREUVES QUE CONTRACTION**  
**DU MOLLET NE PEUT PAS**  
**AUGMENTER LA PRESSION SUR LA**  
**PEDALE ET MECANISMES METTANT**  
**A PROFIT CETTE DECOUVERTE**  
**FONDAMENTALE**  
[54] **PROOF THAT CONTRACTION OF**  
**THE CALF CANNOT INCREASE**  
**PRESSURE ON THE PEDAL AND**  
**MECHANISMS FOR EXPLOITING**  
**THIS BASIC DISCOVERY**  
[72] JACQUES, ANDRÉ, CA  
[71] JACQUES, ANDRÉ, CA  
[22] 1999-10-25  
[43] 2001-04-25

**Demandes canadiennes mises à la disponibilité du public**  
**22 avril 2001 - 28 avril 2001**

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[21] **2,290,107**  
[13] A1

[51] **Int.Cl. 7H04Q 7/32**  
[25] FR  
[54] **TETIERE POUR APPAREILS ELECTRONIQUES SANS FILS ET AUTRES**  
[54] **HEAD FOR WIRELESS AND OTHER ELECTRONIC APPARATUS**  
[72] WEIZMAN, ALBERT, CA  
[71] WEIZMAN, ALBERT, CA  
[22] 1999-10-27  
[43] 2001-04-27

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[21] **2,290,177**  
[13] A1

[51] **Int.Cl. 7B01D 53/04 7A61L 9/012**  
[25] FR  
[54] **MAGNUM 4**  
[54] **MAGNUM 4**  
[72] MÉTHOT, JEAN-LOUIS, CA  
[71] MÉTHOT, JEAN-LOUIS, CA  
[22] 1999-10-22  
[43] 2001-04-22

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[21] **2,290,935**  
[13] A1

[51] **Int.Cl. 7A43B 13/22**  
[25] FR  
[54] **SEMELLE ANTI-DERAPANTE AVEC MORCEAUX DE NOIX DE GRENOBLES**  
[54] **NON-SLIP SOLE WITH WALNUT PIECES**  
[72] JOLY, GÉRALD, CA  
[71] JOLY, GÉRALD, CA  
[22] 1999-10-22  
[43] 2001-04-22

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[21] **2,291,305**  
[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **TRACKING MULTIPLE EXCHANGE RATES**  
[54] **SUIVI DE TAUX DE CHANGE MULTIPLES**  
[72] TREMBLAY, SYLVAIN, CA  
[72] HORIZAN, LEE, CA  
[72] TROUNDAY, RAYMOND P., US  
[72] HOLMES, ANDREW D., CA  
[72] LANGSTON, JEFFREY A., US  
[72] MCMURTRY, DAVID, US  
[71] INTUIT INC., US  
[22] 1999-11-30  
[43] 2001-04-27  
[30] US (09/428,284) 1999-10-27

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[21] **2,291,927**  
[13] A1

[51] **Int.Cl. 7B65G 47/91 7B25J 11/00 7B65G 57/24**  
[25] EN  
[54] **LAYER PALLETIZING GRIPPER WITH VACUUM ASSIST**  
[54] **PREHENSEUR DE PALETTISATION AVEC ACTIONNEUR A DEPRESSION**  
[72] RUSSELL, PAULINE H., US  
[71] ABB FLEXIBLE AUTOMATION INC., US  
[22] 1999-12-07  
[43] 2001-04-25  
[30] US (09/426,049) 1999-10-25

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[21] **2,291,953**  
[13] A1

[51] **Int.Cl. 7A63B 69/34**  
[25] EN  
[54] **PUNCHING AID**  
[54] **OUTIL DE PERFORATION**  
[72] CHEN, SHERRY, TW  
[71] CHEN, SHERRY, TW  
[22] 1999-12-09  
[43] 2001-04-27  
[30] US (09/432,065) 1999-10-27

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[21] **2,291,989**  
[13] A1

[51] **Int.Cl. 7E03B 3/08 7F04B 23/02 7F04B 47/06**  
[25] EN  
[54] **WELL PRESSURE SYSTEM**  
[54] **SYSTEME DE PRESSION EN HAUTS DE Puits**  
[72] MEYERS, KENNETH A., US  
[72] MEYERS, JAMES A., US  
[71] MEYERS, KENNETH A., US  
[71] MEYERS, JAMES A., US  
[22] 1999-12-07  
[43] 2001-04-27  
[30] US (09/428,343) 1999-10-27

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[21] **2,292,149**  
[13] A1

[51] **Int.Cl. 7A42B 1/04**  
[25] EN  
[54] **MULTI-AXIALLY STRETCHABLE FABRIC CAP**  
[54] **CASQUETTE EN TISSU EXTENSIBLE MULTI-AXIAL**  
[72] YAN, SUEN CHING, US  
[71] YAN, SUEN CHING, US  
[22] 1999-12-14  
[43] 2001-04-27  
[30] US (428,000) 1999-10-27

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[21] **2,292,338**  
[13] A1

[51] **Int.Cl. 7C02F 9/14**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CLEANING AND/OR PROCESSING MUNICIPAL AND/OR INDUSTRIAL WASTE WATER**  
[54] **METHODE ET APPAREIL POUR L'EPURATION ET/OU LE TRAITEMENT DES EAUX USEES MUNICIPALES ET/OU INDUSTRIELLES**  
[72] GUNTHER, RALPH, DE  
[72] LOETTEL, WOLFGANG, DE  
[72] HEINE, WILHELM, DE  
[71] ROCHEM RO-WASSERBEHANDLUNG GMBH, DE  
[22] 1999-12-15  
[43] 2001-04-26  
[30] EP (99 121 288.7) 1999-10-26

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[21] **2,293,039**  
[13] A1

[51] **Int.Cl. 7A42B 3/06 7B29C 49/00 7B29C 45/16**  
[25] EN  
[54] **DUAL-STRUCTURE HELMET AND METHOD OF MANUFACTURING THE SAME**  
[54] **CASQUE A DOUBLE COQUE ET TECHNIQUE DE FABRICATION DE CELUI-CI**  
[72] HONG, WAN-KI, KR  
[71] HONG JIN CROWN CORPORATION LTD., KR  
[22] 1999-12-22  
[43] 2001-04-26  
[30] KR (99-46641) 1999-10-26

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[21] **2,293,045**  
[13] A1

[51] **Int.Cl. 7E04G 5/08**  
[25] EN  
[54] **SCAFFOLDING PLATFORM**  
[54] **PLATE-FORME D'ECHAFAUDAGE**  
[72] WYSE, STEVEN J., US  
[71] WYSE, STEVEN J., US  
[22] 1999-12-22  
[43] 2001-04-28  
[30] US (09/429,159) 1999-10-28

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[21] **2,293,142**  
[13] A1  
[51] **Int.Cl. 7A42B 1/24 7A41D 29/00**  
[25] EN  
[54] **ARTICLE OF CLOTHING WITH ATTACHABLE MAGNETIC BALL MARKER**  
[54] **ARTICLE VESTIMENTAIRE AVEC ELEMENT METALLIQUE POUR MARQUEUR DE BALLE MAGNETIQUE**  
[72] TATE, JOHN R., US  
[71] TATE, JOHN R., US  
[22] 1999-12-24  
[43] 2001-04-22  
[30] US (09/426,786) 1999-10-22

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[21] **2,295,460**  
[13] A1  
[51] **Int.Cl. 7B60S 5/00 7B21D 1/12 7B21D 1/14**  
[25] EN  
[54] **UNIVERSAL SIDE IMPACT AUTO PULLER**  
[54] **EXTRACTEUR UNIVERSEL AUTOMATIQUE POUR EXTRAIRE LE MONTANT D'UNE PORTE D'UNE AUTOMOBILE A LA SUITE D'UN CHOC LATERAL**  
[72] MARKARIAN, HOFSEB K., CA  
[71] MARKARIAN, HOFSEB K., CA  
[22] 2000-01-14  
[43] 2001-04-28  
[30] US (09/428,854) 1999-10-28

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[21] **2,296,216**  
[13] A1  
[51] **Int.Cl. 7H03D 7/00 7H04H 1/00**  
[25] EN  
[54] **ELIMINATION OF SPURIOUS SIGNALS IN A DOUBLE CONVERSION TUNER USING A DYNAMIC INTERMEDIATE FREQUENCY AND A PRESELECTED CRYSTAL REFERENCE FREQUENCY**  
[54] **ELIMINATION DE SIGNAUX PARASITES DANS UN SYNTONISEUR A DOUBLE CHANGEMENT DE FREQUENCE AU MOYEN D'UNE FREQUENCE INTERMEDIAIRE DYNAMIQUE ET D'UNE FREQUENCE A ETALON DE QUARTZ**  
**PREDETERMINEE**

[72] ARREDONDO, DAVID CORONEL, US  
[72] CAMPOS, EDUARDO ENRRIQUE ARGUELLO, MX  
[71] MATSUSHITA ELECTRONIC COMPONENTS DE BAJA CALIFORNIA, S.A. DE C.V., MX  
[22] 2000-01-14  
[43] 2001-04-28  
[30] MX (999933) 1999-10-28

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[21] **2,296,856**  
[13] A1  
[51] **Int.Cl. 7E04G 3/10 7B66F 7/02**  
[25] EN  
[54] **SCAFFOLD MOUNTABLE HOIST PLATFORM**  
[54] **PLATE-FORME DE MONTE-CHARGE MONTABLE SUR ECHAFAUD**  
[72] TRINDADE, MARY T., CA  
[72] TRINDADE, LUIS F., CA  
[71] TRINDADE, MARY T., CA  
[71] TRINDADE, LUIS F., CA  
[22] 2000-01-25  
[43] 2001-04-22  
[30] US (09/426,149) 1999-10-22

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[21] **2,299,019**  
[13] A1  
[51] **Int.Cl. 7H04L 12/16**  
[25] EN  
[54] **METHOD AND SYSTEM FOR BUNDLING ON-LINE TRANSACTIONS**  
[54] **METHODE ET SYSTEME DE REGROUPEMENT DE TRANSACTIONS ELECTRONIQUES**  
[72] GHANMA, EMAN, US  
[71] EWANTED.COM CORPORATION, US  
[22] 2000-02-18  
[43] 2001-04-28  
[30] US (09/429,549) 1999-10-28

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[21] **2,299,114**  
[13] A1  
[51] **Int.Cl. 7A47J 27/00 7A47J 19/00 7A47J 27/05 7A47J 36/08**  
[25] EN  
[54] **COOKING POT WITH REVERSIBLE MULTI-FUNCTION TOP**  
[54] **RECIPIENT DE CUISSON AVEC COUVERCLE REVERSIBLE MULTIFONCTION**  
[72] SHIMAZAKI, J. JOHN, US  
[71] SHIMAZAKI, J. JOHN, US  
[22] 2000-02-22  
[43] 2001-04-26  
[30] US (60/161,600) 1999-10-26

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[21] **2,299,912**  
[13] A1  
[51] **Int.Cl. 7E04B 1/66 7E06B 7/16**  
[25] EN  
[54] **THE PETER SEAL**  
[54] **LE JOINT PETER**  
[72] PETERS, HENRY, CA  
[71] PETERS, HENRY, CA  
[22] 2000-02-18  
[43] 2001-04-26

**Demandes canadiennes mises à la disponibilité du public**  
**22 avril 2001 - 28 avril 2001**

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[21] **2,306,523**  
[13] A1

[51] **Int.Cl. 7C10G 33/04 7E21B 21/06**  
[25] EN  
[54] **LOW SHEAR TREATMENT FOR THE REMOVAL OF FREE HYDROCARBONS, INCLUDING BITUMEN, FROM CUTTINGS**  
[54] **TRAITEMENT A FAIBLE CISAILLEMENT POUR L'ELIMINATION D'HYDROCARBURES LIBRES, Y COMPRIS DE BITUME, DE DEBLAIS**  
[72] QUINTERO, LIRIO, US  
[71] BAKER HUGHES INCORPORATED, US  
[22] 2000-04-20  
[43] 2001-04-22  
[30] US (09/425,753) 1999-10-22

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[21] **2,307,489**  
[13] A1

[51] **Int.Cl. 7B63H 20/36**  
[25] EN  
[54] **LOWER UNIT GUARD**  
[54] **PROTECTEUR D'UNE UNITE INFERIEURE**  
[72] LAMMLI, ERNEST, CA  
[71] LAMMLI, ERNEST, CA  
[22] 2000-05-04  
[43] 2001-04-28

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[21] **2,308,816**  
[13] A1

[51] **Int.Cl. 7A22C 25/02 7A22C 25/04**  
[25] EN  
[54] **SALMON ROE SELECTING AND WASHING MACHINE**  
[54] **MACHINE POUR SELECTIONNER ET LAVER LES OEUFS DE SAUMON**  
[72] YOSHIDA, MASANORI, JP  
[72] SATO, ATSUSHI, JP  
[71] NIKKO CO., LTD., JP  
[22] 2000-05-18  
[43] 2001-04-25  
[30] JP (302248/1999) 1999-10-25

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[21] **2,310,679**  
[13] A1

[51] **Int.Cl. 7H04L 12/18 7H04H 1/00**  
[25] EN  
[54] **SYSTEM, DEVICE, AND METHOD FOR REDUCING THE NUMBER OF MULTICAST ROUTES MAINTAINED IN A MULTICAST ROUTING INFORMATION BASE**  
[54] **SYSTEME, DISPOSITIF ET METHODE DE REDUCTION DU NOMBRE DE PARCOURS MULTIDESTINATAIRES MAINTENUS DANS UNE BASE D'INFORMATION DE PARCOURS MULTIDESTINATAIRES**  
[72] LI, YUNZHOU, US  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 2000-06-02  
[43] 2001-04-28  
[30] US (09/428,377) 1999-10-28

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[21] **2,310,769**  
[13] A1

[51] **Int.Cl. 7H04H 9/00 7G10L 19/00 7H04N 7/08**  
[25] EN  
[54] **AUDIO SIGNATURE EXTRACTION AND CORRELATION**  
[54] **EXTRACTION ET CORRELATION DE SIGNATURE AUDIO**  
[72] SRINIVASAN, VENUGOPAL, US  
[72] DENG, KEQIANG, US  
[72] LU, DAOZHENG, US  
[71] NIELSEN MEDIA RESEARCH, INC., US  
[22] 2000-06-06  
[43] 2001-04-27  
[30] US (09/427,970) 1999-10-27

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[21] **2,311,984**  
[13] A1

[51] **Int.Cl. 7A47L 9/02**  
[25] EN  
[54] **SUCTION NOZZLE UNIT FOR VACUUM CLEANER**  
[54] **BUSE D'ASPIRATION POUR ASPIRATEUR**  
[72] LEE, BYUNG-JO, KR  
[71] SAMSUNG KWANG-JU ELECTRONICS CO., LTD., KR  
[22] 2000-06-19  
[43] 2001-04-27  
[30] KR (1999-46962) 1999-10-27

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[21] **2,312,448**  
[13] A1

[51] **Int.Cl. 7B41L 21/12 7B41J 15/04**  
[25] EN  
[54] **INTEGRATED ADJUSTABLE CORE SUPPORT AND MEDIUM GUIDE DEVICE**  
[54] **ELEMENT DE SOUTIEN DE BASE INTEGRE AJUSTABLE ET DISPOSITIF DE GUIDAGE DE SUPPORT**  
[72] CHILLSZYCN, STEVE, US  
[71] ELTRON INTERNATIONAL, INC., US  
[22] 2000-06-20  
[43] 2001-04-27  
[30] US (09/428,017) 1999-10-27

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[21] **2,313,287**  
[13] A1

[51] **Int.Cl. 7H04M 11/06 7H04L 12/16**  
[25] EN  
[54] **COMMUNICATIONS METHOD ALLOWING FOR ALTERNATING VOICE AND DATA CONNECTIONS OVER A SINGLE LINE**  
[54] **METHODE DE COMMUNICATIONS PERMETTANT LA TRANSMISSION EN ALTERNANCE DE VOIX ET DE DONNEES SUR UNE SEULE LIGNE**  
[72] COLLINS, BRIAN ROBERT JOHN, CA  
[72] YOUNG, SLOAN BRIAN DANIEL, CA  
[71] PHON-NET.COM. INC., CA  
[22] 2000-06-30  
[43] 2001-04-27  
[30] US (09/428,200) 1999-10-27

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[21] **2,313,857**  
[13] A1

[51] **Int.Cl. 7F23N 3/06 7F22B 13/00 7F22B 31/00 7F23G 7/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR OPTIMIZING THE COMBUSTION AIR SYSTEM IN A RECOVERY BOILER**  
[54] **METHODE ET APPAREIL POUR OPTIMISER LE SYSTEME DE COMBUSTION A L'AIR DANS UNE CHAUDIERE DE RECUPERATION**  
[72] ULOTH, VICTOR, CA  
[72] KARIDIO, IBRAHIM, CA  
[72] WEISS, KLAUS, CA  
[71] PULP AND PAPER RESEARCH INSTITUTE OF CANADA, CA  
[22] 2000-07-11  
[43] 2001-04-22  
[30] CA (2,287,205) 1999-10-22

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Canadian Laid-Open Applications  
April 22, 2001 - April 28, 2001

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[21] **2,314,415**  
[13] A1  
[51] **Int.Cl. 7F04C 15/00 7F04B 53/00**  
[25] EN  
[54] **POSITIVE DISPLACEMENT PUMP AND THRUST BEARING ASSEMBLY**  
[54] **POMPE VOLUMETRIQUE ET PALIER DE BUTEE**  
[72] SULLIVAN, MICHAEL G., US  
[72] TURINA, MATTHEW, US  
[71] TUTHILL CORPORATION, US  
[22] 2000-07-25  
[43] 2001-04-26  
[30] US (09/427,303) 1999-10-26

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[21] **2,314,416**  
[13] A1  
[51] **Int.Cl. 7B29C 49/08 7B29C 49/00**  
[25] EN  
[54] **DEVICE FOR STRETCHING AND MOLDING CAN BODIES**  
[54] **DISPOSITIF POUR ETIRER ET MOULER LE CORPS DE BOITES METALLIQUES**  
[72] ROJEK, ARNALDO, BZ  
[71] METALGRAFICA ROJEK LTDA, BR  
[22] 2000-07-21  
[43] 2001-04-27  
[30] BR (9905474-4) 1999-10-27

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[21] **2,314,525**  
[13] A1  
[51] **Int.Cl. 7B25J 11/00**  
[25] EN  
[54] **SIDE-BY-SIDE ROBOT WORKCELL**  
[54] **CELLULE DE TRAVAIL DE ROBOTS JUXTAPOSES**  
[72] MANGELSON, JAN C., US  
[72] REMLEY, FRED K., US  
[71] GENESIS SYSTEMS GROUP, LTD., US  
[22] 2000-07-24  
[43] 2001-04-22  
[30] US (09/425,567) 1999-10-22

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[21] **2,314,680**  
[13] A1  
[51] **Int.Cl. 7D21H 13/40 7D21H 11/14 7B32B 5/18**  
[25] EN  
[54] **DIMENSIONALLY STABLE NONWOVEN WEB HAVING UNIQUE METHOD OF COLORING**  
[54] **VOILE DE NONTISSE AUX DIMENSIONS STABLES POSSEDANT UNE METHODE UNIQUE DE COLORATION**  
[72] BLANPIED, ROBERT H., US  
[71] ATLAS ROOFING CORPORATION, US  
[22] 2000-07-28  
[43] 2001-04-22  
[30] US (09/425,051) 1999-10-22

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[21] **2,315,028**  
[13] A1  
[51] **Int.Cl. 7A01G 9/24**  
[25] EN  
[54] **SPILL-RESISTANT CONTAINER**  
[54] **RECIPIENT ANTI-RENVERSEMENT**  
[72] HO, I-CHUNG, US  
[71] HO, I-CHUNG, US  
[22] 2000-08-03  
[43] 2001-04-28  
[30] US (09/429,103) 1999-10-28

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[21] **2,316,010**  
[13] A1  
[51] **Int.Cl. 7C08J 3/24 7C08K 5/372**  
[25] EN  
[54] **RUBBER COMPOSITIONS CONTAINING A DISODIUM SALT OF 3,3'-DITHIODIPROPIONIC ACID**  
[54] **COMPOSITIONS DE CAOUTCHOUC CONTENANT UN SEL DISODIQUE D'ACIDE 3,3'-DITHIODIPROPIONIQUE**  
[72] SANDSTROM, PAUL HARRY, US  
[72] WIDEMAN, LAWSON GIBSON, US  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[22] 2000-08-15  
[43] 2001-04-25  
[30] US (09/426,330) 1999-10-25

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[21] **2,316,146**  
[13] A1  
[51] **Int.Cl. 7G01F 23/42**  
[25] EN  
[54] **CABLE SUPPORT FOR TANK GAUGE HAVING FLOAT AND LEVEL INDICATOR CONNECTED BY A CABLE**  
[54] **PORTE-CABLE POUR JAUGE DE RESERVOIR MUNIE D'UN FLOTTEUR ET D'UN INDICATEUR DE NIVEAU RELIES PAR UN CABLE**  
[72] WATCHEL, BRIAN, CA  
[71] WATCHEL, BRIAN, CA  
[22] 2000-08-17  
[43] 2001-04-28

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[21] **2,316,486**  
[13] A1  
[51] **Int.Cl. 7H01M 8/04 7H01M 2/14**  
[25] EN  
[54] **COMPOSITE GAS DISTRIBUTION STRUCTURE FOR FUEL CELL**  
[54] **STRUCTURE COMPOSITE D'ALIMENTATION EN GAZ DE PILES A COMBUSTIBLE**  
[72] FLY, GERALD, US  
[72] GROT, STEPHEN A., US  
[72] WOOD, DAVID L., III, US  
[71] GENERAL MOTORS CORPORATION, US  
[22] 2000-08-22  
[43] 2001-04-25  
[30] US (09/426,294) 1999-10-25

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[21] **2,316,575**  
[13] A1  
[51] **Int.Cl. 7F16H 3/091 7F02N 15/02 7F16D 25/0632 7F16D 25/0635**  
[25] EN  
[54] **AUTOMOTIVE TRANSMISSION**  
[54] **TRANSMISSION D'AUTOMOBILE**  
[72] BRINN, HERBERT P., US  
[71] BRINN, INC., US  
[22] 2000-08-22  
[43] 2001-04-27  
[30] US (09/428,216) 1999-10-27

**Demandes canadiennes mises à la disponibilité du public**  
**22 avril 2001 - 28 avril 2001**

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[21] **2,316,655**  
[13] A1

[51] **Int.Cl. 7F23J 15/00 7B01D 53/56**  
[25] EN  
[54] **FUEL DILUTION METHODS AND APPARATUS FOR NOX REDUCTION**  
[54] **METHODE ET APPAREIL DE DILUTION DE COMBUSTIBLES POUR REDUIRE LES EMISSIONS DE NOX**  
[72] LANG, JERRY M., US  
[71] JOHN ZINK COMPANY, LLC, US  
[22] 2000-08-24  
[43] 2001-04-26  
[30] US (60/161,536) 1999-10-26  
[30] US (09/547,769) 2000-04-12

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[21] **2,316,694**  
[13] A1

[51] **Int.Cl. 7B65D 25/06**  
[25] EN  
[54] **STACKABLE CONTAINER WITH INTERNAL DIVIDER**  
[54] **CONTENANT EMPILABLE AVEC SEPARATEUR INTERNE**  
[72] WILSON, PATRICK THOMAS, CA  
[71] WILSON, PATRICK THOMAS, CA  
[22] 2000-08-23  
[43] 2001-04-25  
[30] US (09/425,995) 1999-10-25

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[21] **2,316,786**  
[13] A1

[51] **Int.Cl. 7G07B 17/00**  
[25] EN  
[54] **PRINTING POSTAGE STAMPS WITH EMBEDDED INFORMATION**  
[54] **IMPRESSION DE TIMBRES POSTES AVEC INFORMATION INTEGREE**  
[72] WEN, XIN, US  
[72] HONSINGER, CHRIS W., US  
[71] EASTMAN KODAK COMPANY, US  
[22] 2000-08-28  
[43] 2001-04-25  
[30] US (09/426,253) 1999-10-25

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[21] **2,317,220**  
[13] A1

[51] **Int.Cl. 7B62D 27/04**  
[25] EN  
[54] **REINFORCEMENT SYSTEM FOR AN AUTOMOTIVE VEHICLE FENDER AND BRACKET THEREFOR**  
[54] **SYSTEME DE RENFORCEMENT POUR UNE AILE DE VEHICULE AUTOMOBILE ET FERRURE CONNEXE**  
[72] WOCHASKI, EDWARD J., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2000-09-01  
[43] 2001-04-25  
[30] US (09/426,012) 1999-10-25

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[21] **2,317,279**  
[13] A1

[51] **Int.Cl. 7E04F 15/00 7E04B 5/00**  
[25] EN  
[54] **FLOORING**  
[54] **REVETEMENT DE SOL**  
[72] STROPPIANA, FERNANDO, IT  
[71] MONDO S.P.A., IT  
[22] 2000-08-29  
[43] 2001-04-26  
[30] IT (TO99A000929) 1999-10-26

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[21] **2,317,819**  
[13] A1

[51] **Int.Cl. 7G06F 12/02 7H04L 12/24 7G06F 17/60**  
[25] EN  
[54] **METHOD FOR ESTABLISHING OPTIMAL INTERMEDIATE CACHING POINTS BY GROUPING PROGRAM ELEMENTS IN A SOFTWARE SYSTEM**  
[54] **METHODE D'ETABLISSEMENT DES POINTS DE MEMOIRE CACHE INTERMEDIAIRES OPTIMAUX PAR LE REGROUPEMENT D'ELEMENTS D'UN PROGRAMME DANS UN SYSTEME LOGICIEL**  
[72] DUTTA, RABINDRANATH, US  
[72] LITA, CHRISTIAN, US  
[72] BELLWOOD, THOMAS ALEXANDER, US  
[72] BARRETT, ROBERT CARL, US  
[72] RUTKOWSKI, MATTHEW FRANCIS, US  
[72] STERLING, MERLE DOUGLAS, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 2000-09-07  
[43] 2001-04-28  
[30] US (09/428,397) 1999-10-28

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[21] **2,317,852**  
[13] A1

[51] **Int.Cl. 7B26B 19/38**  
[25] EN  
[54] **SHAVING SYSTEM AND ADJUSTABLE TRIMMERS THEREFOR**  
[54] **SYSTEME DE RASAGE ET TONDEUSE REGLABLE CONNEXE**  
[72] ANDREW, MICHAEL A., US  
[71] REMINGTON CORPORATION, L.L.C., US  
[22] 2000-09-07  
[43] 2001-04-22  
[30] US (09/422,771) 1999-10-22

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[21] **2,318,003**  
[13] A1

[51] **Int.Cl. 7B65B 13/02**  
[25] EN  
[54] **HAND STRAPPING TOOL**  
[54] **OUTIL MANUEL A COURROIE**  
[72] CHEUNG, NELSON, US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2000-09-12  
[43] 2001-04-27  
[30] US (09/428,256) 1999-10-27

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[21] **2,318,588**  
[13] A1

[51] **Int.Cl. 7H04M 1/74**  
[25] EN  
[54] **IMPEDANCE BLOCKING FILTER CIRCUIT**  
[54] **CIRCUIT DE FILTRAGE A BLOCAGE D'IMPEDANCE**  
[72] KIKO, FREDERICK J., US  
[71] EXCELSUS TECHNOLOGIES, INC., US  
[22] 2000-09-12  
[43] 2001-04-22  
[30] US (09/425,778) 1999-10-22

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[21] **2,318,721**  
[13] A1

[51] **Int.Cl. 7H05K 7/20 7H01S 5/02**  
[25] EN  
[54] **PROCESS AND DEVICE FOR THE THERMAL CONDITIONING OF ELECTRONIC COMPONENTS**  
[54] **PROCESSUS ET DISPOSITIF DE CONDITIONNEMENT THERMIQUE DE COMPOSANTS ELECTRONIQUES**  
[72] PULEO, MARIO, IT  
[71] AGILENT TECHNOLOGIES, INC., US  
[22] 2000-09-13  
[43] 2001-04-26  
[30] IT (TO99A000930) 1999-10-26

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[21] **2,319,302**  
[13] A1  
[51] **Int.Cl. 7B32B 3/02 7B29C 55/00**  
**7B29C 53/02**  
[25] EN  
[54] **STRETCH FILM HAVING HEAT-SEALED EDGES**  
[54] **FILM ETIRABLE DOTE DE BORDS THERMOCOLLES**  
[72] WOJCIK, JOHN P., US  
[72] PRESNELL, ELDRIDGE, US  
[72] MEHTA, DEEPAK H., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2000-09-14  
[43] 2001-04-28  
[30] US (09/429,390) 1999-10-28

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[21] **2,319,305**  
[13] A1  
[51] **Int.Cl. 7B29C 55/00 7B29D 7/00**  
[25] EN  
[54] **APPARATUS AND HIGH SPEED PROCESS FOR MAKING HIGHLY STRETCHED FILM**  
[54] **APPAREIL ET PROCESSUS A HAUTE VITESSE POUR LA FABRICATION DE FILM TRES ETIRE**  
[72] WOJCIK, JOHN P., US  
[72] MEHTA, DEEPAK H., US  
[72] VAN ERDEN, DONALD L., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2000-09-14  
[43] 2001-04-28  
[30] US (09/429,147) 1999-10-28

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[21] **2,319,877**  
[13] A1  
[51] **Int.Cl. 7B61H 1/00 7F16D 69/02**  
[25] EN  
[54] **BRAKE SHOE WITH FRICTION MANAGEMENT**  
[54] **SABOT DE FREIN AVEC GESTION DE LA FRICTION**  
[72] CHIDDICK, KELVIN S., US  
[72] SHUTE, BRUCE W., US  
[72] FORMOLO, JOSEPH F., US  
[71] WESTINGHOUSE AIR BRAKE COMPANY, US  
[71] KELSAN TECHNOLOGIES CORPORATION, CA  
[22] 2000-09-15  
[43] 2001-04-25  
[30] US (426,456) 1999-10-25

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[21] **2,320,049**  
[13] A1  
[51] **Int.Cl. 7F25D 11/00 7F25D 23/00**  
**7F25D 21/06 7F25B 9/14**  
[25] EN  
[54] **REFRIGERATOR INCORPORATING STIRLING CYCLE COOLING AND DEFROSTING SYSTEM**  
[54] **REFRIGERATEUR COMPORTANT UN SYSTEME DE REFROIDISSEMENT A CYCLE DE STIRLING ET DE DEGIVRAGE**  
[72] ANDERSON, RONALD K., US  
[71] MAYTAG CORPORATION, US  
[22] 2000-09-19  
[43] 2001-04-27  
[30] US (09/428,057) 1999-10-27

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[21] **2,320,503**  
[13] A1  
[51] **Int.Cl. 7C21D 7/04 7B24B 29/00**  
**7B32B 15/04**  
[25] EN  
[54] **METHOD OF POLISHING STAINLESS STEEL LAMINATE PRESS PLATES TO A NONDIRECTIONAL FINISH**  
[54] **METHODE DE POLISSAGE DE PLAQUES MACHINES A LAMINER EN ACIER INOXYDABLE POUR OBTENIR UN FINI NON DIRECTIONNEL**  
[72] AYALA, RICHARD L., US  
[72] ODSTRCIL, GLENN L., US  
[71] PREMARK RWP HOLDINGS, INC., US  
[22] 2000-09-18  
[43] 2001-04-28  
[30] US (09/428,469) 1999-10-28

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[21] **2,320,537**  
[13] A1  
[51] **Int.Cl. 7H04L 12/12 7H04L 29/06**  
**7H04Q 7/38**  
[25] EN  
[54] **A METHOD FOR MULTIPLE-ACCESS COMMUNICATION**  
[54] **METHODE DE COMMUNICATION A ACCES MULTIPLES**  
[72] MARTIN, BEATRICE, FR  
[71] ALCATEL, FR  
[22] 2000-09-25  
[43] 2001-04-22  
[30] EP (99 440 286.5) 1999-10-22

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[21] **2,320,569**  
[13] A1  
[51] **Int.Cl. 7H04Q 3/66**  
[25] EN  
[54] **SYSTEM AND METHOD FOR AUTOMATICALLY DETECTING PROBLEMATIC CALLS**  
[54] **SYSTEME ET METHODE DE DETECTION AUTOMATIQUE DES APPELS QUI POSENT PROBLEME**  
[72] UCKUN, SERDAR, US  
[72] DONOHUE, PATRICK, US  
[72] CHAN, MICHAEL, US  
[71] ROCKWELL ELECTRONIC COMMERCE CORPORATION, US  
[22] 2000-09-25  
[43] 2001-04-26  
[30] US (09/426,615) 1999-10-26

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[21] **2,321,148**  
[13] A1  
[51] **Int.Cl. 7B65H 5/00**  
[25] EN  
[54] **CATCH TRAY ATTACHMENT FOR SHEET FEEDING MACHINES**  
[54] **BOITE DE RECUPERATION POUR MACHINE D'ALIMENTATION EN FEUILLES**  
[72] NORDLING, MARK, US  
[72] VEDDOY, ARILD, US  
[71] MULTIFEEDER TECHNOLOGY, INC., US  
[22] 2000-09-27  
[43] 2001-04-28  
[30] US (09/428,829) 1999-10-28

**Demandes canadiennes mises à la disponibilité du public**  
**22 avril 2001 - 28 avril 2001**

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[21] **2,321,975**  
[13] A1

[51] **Int.Cl. 7C12N 1/21 7C07H 21/00 7C12P 13/04 7C12P 13/06 7C12N 15/11**  
[25] EN  
[54] **NUCLEOTIDE SEQUENCES CODING FOR THE EXPORT OF BRANCHED-CHAIN AMINO ACIDS, PROCESS FOR THE ISOLATION THEREOF AND USE THEREOF**  
[54] **SEQUENCES DE NUCLEOTIDES CODANT LE TRANSFERT D'AMINOACIDES RAMIFIES, PROCEDE POUR LEUR ISOLEMENT ET LEUR UTILISATION**  
[72] EGGELING, LOTHAR, DE  
[72] SAHM, HERMANN, DE  
[72] KENNERKNECHT, NICOLE, DE  
[72] PFEFFERLE, WALTER, DE  
[71] DEGUSSA-HULS AKTIENGESELLSCHAFT, DE  
[71] FORSCHUNGSZENTRUM JULICH GMBH, DE  
[22] 2000-10-25  
[43] 2001-04-27  
[30] DE (199 51 708.8) 1999-10-27

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[21] **2,322,069**  
[13] A1

[51] **Int.Cl. 7F02K 9/00**  
[25] EN  
[54] **OXIDIZER PACKAGE FOR PROPELLANT SYSTEM FOR ROCKETS**  
[54] **ENSEMBLE COMBURANT POUR CIRCUIT ERGOLS DE FUSEES**  
[72] CESARONI, ANTHONY JOSEPH, CA  
[71] CESARONI, ANTHONY JOSEPH, CA  
[22] 2000-10-03  
[43] 2001-04-27  
[30] US (60/161 771) 1999-10-27  
[30] US (UNKNOWN) 2000-05-05

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[21] **2,322,402**  
[13] A1

[51] **Int.Cl. 7E04C 3/04 7E04B 1/00**  
[25] EN  
[54] **METHODS AND APPARATUS FOR ATTACHING A CANTILEVERED BEAM TO A BUILDING**  
[54] **METHODE ET APPAREILLAGE POUR ATTACHER UNE POUTRE EN PORTE-A-FAUX A UN BATIMENT**  
[72] LYONS, MARTIN G., US  
[71] BRACE POINT RAILINGS, US  
[22] 2000-10-05  
[43] 2001-04-22  
[30] US (09/425,725) 1999-10-22

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[21] **2,322,412**  
[13] A1

[51] **Int.Cl. 7G03F 5/02**  
[25] EN  
[54] **NON ABSORBING RETICLE AND METHOD OF MAKING SAME**  
[54] **RETICULE NON ABSORBANT ET TECHNIQUE DE FABRICATION DE CELUI-CI**  
[72] MCCULLOUGH, ANDREW W., US  
[71] SVG LITHOGRAPHY SYSTEMS, INC., US  
[22] 2000-10-05  
[43] 2001-04-25  
[30] US (09/426,250) 1999-10-25

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[21] **2,322,553**  
[13] A1

[51] **Int.Cl. 7C12N 15/10 7C12P 13/04 7C12P 13/08 7C12N 1/20**  
[25] EN  
[54] **NOVEL NUCLEOTIDE SEQUENCES CODING FOR THE POXB GENE**  
[54] **NOUVEAU CODAGE DE SEQUENCES NUCLEOTIDIQUES POUR LE GENE POXB**  
[72] PFEFFERLE, WALTER, DE  
[72] KALINOWSKI, JORN, DE  
[72] PUHLER, ALFRED, DE  
[72] MOCKEL, BETTINA, DE  
[72] DUSCH, NICOLE, DE  
[72] WEISSENBORN, ANKE, DE  
[72] BATHE, BRIGITTE, DE  
[71] DEGUSSA-HULS AKTIENGESELLSCHAFT, DE  
[22] 2000-10-25  
[43] 2001-04-28  
[30] DE (199 51 975.7) 1999-10-28

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[21] **2,322,607**  
[13] A1

[51] **Int.Cl. 7G09F 3/02 7G09F 3/03**  
[25] EN  
[54] **IRREVERSIBLE THIN FILM DISPLAY WITH CLEARING AGENT**  
[54] **AFFICHAGE IRREVERSIBLE SUR FILM MINCE ET AGENT POUR EFFACER**  
[72] MITCHELL, CHAUNCEY T., JR., US  
[72] VERSCHUUR, GERRIT L., US  
[72] GOOD, DAVID M., US  
[72] SHADLE, MARK A., US  
[71] TIMER TECHNOLOGIES, LLC, US  
[22] 2000-10-06  
[43] 2001-04-22  
[30] US (09/426,225) 1999-10-22

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[21] **2,322,714**  
[13] A1

[51] **Int.Cl. 7H01R 13/02 7B81C 1/00 7H01B 1/02**  
[25] EN  
[54] **ARTICLE COMPRISING IMPROVED NOBLE METAL-BASED ALLOYS AND METHOD FOR MAKING THE SAME**  
[54] **ARTICLE COMPOSE D'ALLIAGES DE METAUX NOBLES AMELIORES ET METHODE DE FABRICATION CONNEXE**  
[72] BISHOP, DAVID JOHN, US  
[72] JIN, SUNGHO, US  
[72] RAMIREZ, AINISSA G., US  
[72] KIM, JUNGSANG, US  
[72] VAN DOVER, ROBERT BRUCE, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-10-10  
[43] 2001-04-25  
[30] US (60/161,290) 1999-10-25  
[30] US (60/161,291) 1999-10-25  
[30] US (09/484,627) 2000-01-18

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[21] **2,322,735**  
[13] A1

[51] **Int.Cl. 7H01Q 1/00 7H01Q 1/12**  
[25] EN  
[54] **PATCH ANTENNA USING NON-CONDUCTIVE FRAME**  
[54] **ANTENNE A PLAQUE UTILISANT UN CADRE NON CONDUCTEUR**  
[72] PAPA THEODOROU, STELIOS, US  
[72] ZIMMERMAN, MICHAEL A., US  
[72] TSAI, MING-JU, US  
[72] ROBERTS, EDWARD BRYAN, US  
[72] VAN EGMOND, MAARTEN, US  
[72] GUINN, KEITH V., US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-10-10  
[43] 2001-04-22  
[30] US (09/425,374) 1999-10-22

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[21] **2,322,737**  
[13] A1  
[51] **Int.Cl. 7H01Q 1/00 7H01Q 1/12**  
[25] EN  
[54] **PATCH ANTENNA USING NON-CONDUCTIVE THERMO FORM FRAME**  
[54] **ANTENNE A PLAQUE UTILISANT UN CADRE THERMOFORME NON CONDUCTEUR**  
[72] TSAI, MING-JU, US  
[72] MANZIONE, LOUIS THOMAS, US  
[72] GUINN, KEITH V., US  
[72] FRANEY, JOHN PHILIP, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-10-10  
[43] 2001-04-22  
[30] US (09/425,373) 1999-10-22

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[21] **2,322,918**  
[13] A1  
[51] **Int.Cl. 7B05B 15/06**  
[25] EN  
[54] **MODULAR SHOWER ARM MOUNTING SYSTEM**  
[54] **SYSTEME DE MONTAGE DE SUPPORT DE DOUCHE MODULAIRE**  
[72] MIKOL, ERWIN F., US  
[71] MOEN INCORPORATED, US  
[22] 2000-10-11  
[43] 2001-04-22  
[30] US (09/422,773) 1999-10-22

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[21] **2,322,930**  
[13] A1  
[51] **Int.Cl. 7H04B 7/02 7H04L 1/02**  
[25] EN  
[54] **SIGNAL COMBINING SCHEME FOR WIRELESS TRANSMISSION SYSTEMS HAVING MULTIPLE MODULATION SCHEMES**  
[54] **METHODE DE COMBINAISON DE SIGNAUX POUR DES SYSTEMES DE TRANSMISSION SANS FIL AYANT DES PROCEDES DE MODULATIONS MULTIPLES**  
[72] ZHENG, DUNMIN, US  
[72] RIAZI, HABIB, US  
[72] SAYEED, ZULFIQUAR, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-10-11  
[43] 2001-04-28  
[30] US (09/428,732) 1999-10-28

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[21] **2,322,932**  
[13] A1  
[51] **Int.Cl. 7G09G 3/00**  
[25] EN  
[54] **SIGNAL PRODUCTION CIRCUIT AND DISPLAY DEVICE USING THE SAME**  
[54] **CIRCUIT DE PRODUCTION DE SIGNAL ET DISPOSITIF D’AFFICHAGE UTILISANT LEDIT CIRCUIT**  
[72] NAKAMURA, EIJI, JP  
[71] SHARP KABUSHIKI KAISHA, JP  
[22] 2000-10-11  
[43] 2001-04-28  
[30] JP (11-307611) 1999-10-28  
[30] JP (2000-240409) 2000-08-08

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[21] **2,323,137**  
[13] A1  
[51] **Int.Cl. 7H04L 12/66**  
[25] FR  
[54] **EQUIPEMENT DE TELECOMMUNICATION**  
[54] **TELECOMMUNICATIONS EQUIPMENT**  
[72] WALTER, OLIVIER, FR  
[72] BACHATENE, HELENE, FR  
[71] ALCATEL, FR  
[22] 2000-10-11  
[43] 2001-04-28  
[30] FR (99 13 498) 1999-10-28

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[21] **2,323,188**  
[13] A1  
[51] **Int.Cl. 7H04L 29/02 7H04J 4/00 7H04B 10/20**  
[25] EN  
[54] **BURST MODE TRANSMISSION OVER MULTIPLE OPTICAL WAVELENGTHS**  
[54] **TRANSMISSION EN MODE SALVE SUR DE MULTIPLES LONGUEURS D’ONDE OPTIQUE**  
[72] MASUCCI, JEFFREY A., US  
[72] DILL, COLBY III, US  
[72] MASTENBROOK, S. MARTIN, US  
[71] QUANTUM BRIDGE COMMUNICATIONS, INC., US  
[22] 2000-10-13  
[43] 2001-04-22  
[30] US (09/425,254) 1999-10-22

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[21] **2,323,218**  
[13] A1  
[51] **Int.Cl. 7G07F 9/10**  
[25] EN  
[54] **VENDING MACHINE**  
[54] **DISTRIBUTEUR AUTOMATIQUE**  
[72] HUFFMAN, JOHN P., US  
[72] PERCY, CHARLES W., US  
[72] HENNING, MARK R., US  
[72] IVEY, GREGORY S., US  
[72] PETERSEN, RONALD P., US  
[71] CRANE COMPANY, US  
[22] 2000-10-12  
[43] 2001-04-26  
[30] US (09/427,240) 1999-10-26

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[21] **2,323,242**  
[13] A1  
[51] **Int.Cl. 7F01M 1/02**  
[25] EN  
[54] **ENGINE LUBRICATING APPARATUS AND METHOD OF OPERATING AN ENGINE HAVING SUCH AN APPARATUS**  
[54] **DISPOSITIF DE LUBRIFICATION DE MOTEUR ET TECHNIQUE D’UTILISATION D’UN MOTEUR EQUIPE D’UN TEL DISPOSITIF**  
[72] SPRIEGEL, ANDREW R., US  
[72] FITZPATRICK, MICHAEL A., US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2000-10-16  
[43] 2001-04-26  
[30] US (09/426,477) 1999-10-26

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[21] **2,323,257**  
[13] A1  
[51] **Int.Cl. 7F16K 3/18**  
[25] EN  
[54] **COMPACT EXPANDING GATE VALVE**  
[54] **ROBINET-VANNE COMPACT A EXPANSION**  
[72] PARTRIDGE, CHARLES C., US  
[71] DANIEL VALVE COMPANY, INC., US  
[22] 2000-10-12  
[43] 2001-04-22  
[30] US (09/425,831) 1999-10-22

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**22 avril 2001 - 28 avril 2001**

[21] **2,323,260**  
[13] A1

[51] **Int.Cl. 7B60Q 7/00**  
[25] EN  
[54] **ATTACHABLE VEHICLE WARNING LIGHT**  
[54] **TEMOIN D'ALERTE AMOVIBLE POUR VEHICULE**  
[72] GAMBLE, RONALD P. SR., US  
[71] GAMBLE, RONALD P. SR., US  
[22] 2000-10-13  
[43] 2001-04-28  
[30] US (09/428,564) 1999-10-28

[21] **2,323,265**  
[13] A1

[51] **Int.Cl. 7D04B 3/00**  
[25] EN  
[54] **KNITTING AID**  
[54] **AIDE AU TRICOTAGE**  
[72] GOFFINET, DEBORAH LYNN, CA  
[71] GOFFINET, DEBORAH LYNN, CA  
[22] 2000-10-13  
[43] 2001-04-22  
[30] US (60/161,090) 1999-10-22

[21] **2,323,276**  
[13] A1

[51] **Int.Cl. 7B26D 7/18**  
[25] EN  
[54] **AUXILIARY FILTER AND PROCESS FOR REMOVING RESIDUAL PARTICLES FROM FILTERED CUTTING FLUID**  
[54] **FILTRE AUXILIAIRE ET PROCEDE POUR RETIRER LES PARTICULES RESIDUELLES D'UN LIQUIDE DE COUPE FILTRE**  
[72] BRATTEN, JACK R., US  
[71] FILTRA-SYSTEMS COMPANY, US  
[22] 2000-10-13  
[43] 2001-04-26  
[30] US (09/426,866) 1999-10-26

[21] **2,323,277**  
[13] A1

[51] **Int.Cl. 7H04L 12/56**  
[25] EN  
[54] **FRACTIONAL ATM CELLS FOR LOW BIT RATE VOICE**  
[54] **CELLULES ATM FRACTIONNAIRES POUR TELEPHONIE A FAIBLE DEBIT BINAIRE**  
[72] RIGOLIO, GIANCARLO, IT  
[72] MORGANTI, MICHELE, IT  
[72] GALLASSI, GIORGIO, IT  
[71] SIEMENS INFORMATION AND COMMUNICATION NETWORKS S.P.A., IT  
[71] ITALTEL SPA, IT  
[22] 2000-10-13  
[43] 2001-04-22  
[30] EP (99830667.4) 1999-10-22

[21] **2,323,278**  
[13] A1

[51] **Int.Cl. 7F16H 48/22**  
[25] EN  
[54] **IMPROVED GEARLESS DIFFERENTIAL**  
[54] **DIFFERENTIEL SANS ENGRENAGE AMELIORE**  
[72] TITJUNG, WENDEL W., US  
[71] TRACTECH INC., US  
[22] 2000-10-12  
[43] 2001-04-22  
[30] US (09/422,945) 1999-10-22

[21] **2,323,279**  
[13] A1

[51] **Int.Cl. 7H01H 13/70 7G06K 11/06**  
[25] EN  
[54] **BI-DIRECTIONAL SCAN SWITCH MATRIX METHOD AND APPARATUS**  
[54] **APPAREIL ET METHODE DE BALAYAGE BI-DIRECTIONNEL D'UNE MATRICE DE COMMUTATION**  
[72] BELHAJ, SAID O., US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-10-13  
[43] 2001-04-28  
[30] US (09/428,468) 1999-10-28

[21] **2,323,281**  
[13] A1

[51] **Int.Cl. 7H04Q 7/38**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR PHASE MULTIPLEXING IN ASSIGNING FREQUENCY CHANNELS FOR A WIRELESS COMMUNICATION NETWORK**  
[54] **SYSTEMES ET METHODES DE MULTIPLEXAGE DE PHASE PERMETTANT D'ASSIGNER DES CANAUX DE FREQUENCES DANS UN RESEAU DE COMMUNICATIONS SANS FIL**  
[72] YEN, WEN-KAI, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-10-13  
[43] 2001-04-22  
[30] US (09/425,644) 1999-10-22

[21] **2,323,290**  
[13] A1

[51] **Int.Cl. 7E21B 17/22**  
[25] EN  
[54] **METHOD AND APPARATUS TO REMOVE COILED TUBING DEPLOYED EQUIPMENT IN HIGH SAND APPLICATIONS**  
[54] **METHODE ET APPAREIL PERMETTANT D'ENLEVER DE L'EQUIPEMENT A SERPENTIN DEPLOYE POUR DES APPLICATIONS DANS LES HAUTS SABLES**  
[72] NEUROTH, DAVID H., US  
[71] BAKER HUGHES INCORPORATED, US  
[22] 2000-10-12  
[43] 2001-04-22  
[30] US (09/425,377) 1999-10-22

[21] **2,323,292**  
[13] A1

[51] **Int.Cl. 7G06F 19/00 7G06F 13/38**  
[25] EN  
[54] **VENDING MACHINE COMMUNICATION SYSTEM**  
[54] **SYSTEME DE TRANSFERT DE DONNEES POUR MACHINE DISTRIBUTRICE**  
[72] CHANG, ZHIHONG Z., US  
[72] GRINER, PAUL K., US  
[71] CRANE COMPANY, US  
[22] 2000-10-12  
[43] 2001-04-27  
[30] US (09/428,627) 1999-10-27



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[21] **2,323,297**  
[13] A1

[51] **Int.Cl. 7C07C 211/08 7C07C 213/02 7C07C 215/08 7C07C 217/08 7C07C 211/21 7C07C 211/27 7C07C 209/48**  
[25] EN  
[54] **SELECTIVE REDUCTIVE AMINATION OF NITRILES**  
[54] **AMINATION SELECTIVE REDUCTRICE DE NITRILES**  
[72] ARMOR, JOHN NELSON, US  
[72] FORD, MICHAEL EDWARD, US  
[71] AIR PRODUCTS AND CHEMICALS, INC., US  
[22] 2000-10-13  
[43] 2001-04-22  
[30] US (09/425,678) 1999-10-22

[21] **2,323,300**  
[13] A1

[51] **Int.Cl. 7A45D 34/00**  
[25] EN  
[54] **BODY SPRAY COMPOSITION WITH PEARL-LIKE OIL PHASE DROPLETS IN CONTAINER**  
[54] **COMPOSITION POUR PULVERISATION SUR LE CORPS DANS UN CONTENANT RENFERMANT UNE PHASE DE GOUTTELETTES D'HUILE PERLUREES**  
[72] SMITH, JANE E., US  
[72] STECK, SANDRA, US  
[72] SAWYER, JAMES, US  
[71] BATH & BODY WORKS, INC., US  
[22] 2000-10-13  
[43] 2001-04-22  
[30] US (09/425,702) 1999-10-22

[21] **2,323,313**  
[13] A1

[51] **Int.Cl. 7H01R 4/52**  
[25] EN  
[54] **ELECTRICAL CONDUCTOR SPLICING ASSEMBLY HAVING SPRING WITH OPPOSITE END PORTIONS CAPTURED BY AND INTERCONNECTING CONDUCTOR GRIPPING MEMBERS**  
[54] **ENSEMBLE D'EPISSAGE DE CONDUCTEURS ELECTRIQUES MUNI D'UN RESSORT DONT LES EXTREMITES SONT SAISIES PAR DES ELEMENTS DE PREHENSION DE CONDUCTEURS QU'ELLES SERVENT A RACCORDER**  
[72] NORDSTROM, CARL B., US  
[72] DEFRANCE, ROBERT V., US  
[71] HUBBELL INCORPORATED, US  
[22] 2000-10-12  
[43] 2001-04-26  
[30] US (09/427,106) 1999-10-26

[21] **2,323,324**  
[13] A1

[51] **Int.Cl. 7H05B 31/02**  
[25] EN  
[54] **MERCURY SHORT-ARC LAMP**  
[54] **LAMPE A VAPEUR DE MERCURE A ARC COURT**  
[72] LOCHSCHMIDT, ANDREAS, DE  
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH, DE  
[22] 2000-10-16  
[43] 2001-04-25  
[30] DE (199 51 445.3) 1999-10-25

[21] **2,323,330**  
[13] A1

[51] **Int.Cl. 7F25J 3/04**  
[25] EN  
[54] **AIR SEPARATION**  
[54] **SEPARATION DE L'AIR**  
[72] HIGGINBOTHAM, PAUL, GB  
[71] THE BOC GROUP PLC, GB  
[22] 2000-10-16  
[43] 2001-04-22  
[30] GB (9925097.9) 1999-10-22

[21] **2,323,344**  
[13] A1

[51] **Int.Cl. 7A47J 42/32**  
[25] EN  
[54] **FOOD GRINDER**  
[54] **BROYEUR D'ALIMENTS**  
[72] YIP, CHUNG LUN, HK  
[71] YIP, CHUNG LUN, HK  
[22] 2000-10-16  
[43] 2001-04-26  
[30] US (09/426,605) 1999-10-26

[21] **2,323,374**  
[13] A1

[51] **Int.Cl. 7B65D 30/08 7B65D 33/02 7B32B 27/08 7B65D 65/40**  
[25] EN  
[54] **PATCH BAG WITH PATCH CONTAINING POLYPROPYLENE**  
[54] **SAC A PELLICULE DE RENFORCEMENT CONTENANT DU POLYPROPYLENE**  
[72] RAMESH, RAM KUMAR, US  
[71] CRYOVAC, INC., US  
[22] 2000-10-16  
[43] 2001-04-25  
[30] US (09/426,828) 1999-10-25

[21] **2,323,388**  
[13] A1

[51] **Int.Cl. 7B63H 25/48**  
[25] EN  
[54] **TROLLING PLATE WITH IMPROVED FORCE TRANSMISSION LINKAGE**  
[54] **DEFLECTEUR POUR PECHE A LA TRAINE AVEC TRINGLERIE DE TRANSMISSION AMELIOREE**  
[72] CREWS, DOUGLAS, US  
[71] ISSAQUAH DEVELOPMENT CO., DBA IDEA DEVELOPMENT CO., US  
[22] 2000-10-17  
[43] 2001-04-22  
[30] US (09/422,891) 1999-10-22

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[21] **2,323,398**  
[13] A1

[51] **Int.Cl. 7A47C 3/00**  
[25] EN  
[54] **SELF-LOCKING CHAIR**  
[54] **CHAISE A IMMOBILISATION**  
**AUTOMATIQUE**  
[72] LALIBERTE, MARC, CA  
[72] BOUCHARD, JEAN-FRANCOIS, CA  
[72] ST-ONGE, YVON, CA  
[71] LPA MEDICAL INC., CA  
[22] 2000-10-17  
[43] 2001-04-22  
[30] US (60/160,887) 1999-10-22

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[21] **2,323,649**  
[13] A1

[51] **Int.Cl. 7H04L 29/02**  
[25] EN  
[54] **RECONFIGURABLE NETWORK**  
**INTERFACE ARCHITECTURE**  
[54] **ARCHITECTURE D'INTERFACE**  
**RESEAU RECONFIGURABLE**  
[72] DUNLOP, ALFRED EARL, US  
[72] KALAVADE, ASAWAREE P., US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-10-18  
[43] 2001-04-25  
[30] US (60/161,308) 1999-10-25  
[30] US (09/484,720) 2000-01-18

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[21] **2,323,654**  
[13] A1

[51] **Int.Cl. 7E21B 47/12**  
[25] EN  
[54] **WELLBORE ANTENNAE SYSTEM**  
**AND METHOD**  
[54] **SYSTEME D'ANTENNES DE PUIT**  
**DE FORAGE ET METHODE CONNEXE**  
[72] SEZGINER, ABDURRAHMAN, US  
[72] CIGLENEC, REINHART, US  
[72] TABANOU, JACQUES R., US  
[71] SCHLUMBERGER CANADA  
LIMITED, CA  
[22] 2000-10-18  
[43] 2001-04-28  
[30] US (09/428,936) 1999-10-28

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[21] **2,323,673**  
[13] A1

[51] **Int.Cl. 7G07F 19/00 7H04L 12/16**  
**7G06F 17/60**  
[25] EN  
[54] **TOKENLESS VENDING SYSTEM**  
[54] **SYSTEME DE MACHINE**  
**DISTRIBUTRICE SANS JETON**  
[72] PONS, ROBERT M., US  
[72] DUROVSIK, THOMAS E., US  
[71] FREEDOMPAY, INC., US  
[22] 2000-10-17  
[43] 2001-04-27  
[30] US (09/427,804) 1999-10-27

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[21] **2,323,823**  
[13] A1

[51] **Int.Cl. 7B01D 53/04 7F25J 3/04**  
[25] EN  
[54] **PROCESS FOR PURIFYING A GAS**  
**AND CORRESPONDING SYSTEM**  
[54] **PROCESSUS D'EPURATION DE**  
**GAZ ET SYSTEME CONNEXE**  
[72] LE BOT, PATRICK, FR  
[72] GUILLARD, ALAIN, FR  
[71] L' AIR LIQUIDE, SOCIETE  
ANONYME POUR L'ETUDE ET  
L'EXPLOITATION DES PROCED, FR  
[22] 2000-10-19  
[43] 2001-04-25  
[30] FR (99 13274) 1999-10-25

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[21] **2,323,829**  
[13] A1

[51] **Int.Cl. 7F24C 7/08 7G05D 23/00**  
**7G01N 21/84**  
[25] EN  
[54] **COOKTOP CONTROL AND**  
**MONITORING SYSTEM INCLUDING**  
**DETECTING PROPERTIES OF**  
**UTENSIL THROUGH A SOLID-**  
**SURFACE COOKTOP**  
[54] **SYSTEME DE COMMANDE ET DE**  
**CONTROLE DE SURFACE DE**  
**CUISSON, Y COMPRIS LA DETECTION**  
**DES PROPRIETES D'UN USTENSILE A**  
**TRAVERS LA SURFACE DE CUISSON**  
**PLEINE**  
[72] SAULNIER, EMILIE THORBJORG,  
US  
[72] BERKCAN, ERTUGRUL, US  
[71] GENERAL ELECTRIC COMPANY,  
US  
[22] 2000-10-19  
[43] 2001-04-22  
[30] US (09/422,768) 1999-10-22

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[21] **2,323,840**  
[13] A1

[51] **Int.Cl. 7C07D 311/72**  
[25] EN  
[54] **PROCESS FOR PREPARING**  
**ESTERIFIED CHROMAN COMPOUNDS**  
[54] **PROCEDE DE PREPARATION DE**  
**CHROMANES ESTERIFIES**  
[72] KRILL, STEFFEN, DE  
[72] HASSELBACH, HANS JOACHIM, DE  
[72] HUTHMACHER, KLAUS, DE  
[72] WEIGEL, HORST, DE  
[71] DEGUSSA-HULS  
AKTIENGESELLSCHAFT, DE  
[22] 2000-10-19  
[43] 2001-04-22  
[30] DE (199 51 006.7) 1999-10-22

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[21] **2,323,855**  
[13] A1

[51] **Int.Cl. 7A47D 1/00 7A47C 3/00**  
[25] EN  
[54] **CONVERTIBLE SWING/**  
**HIGHCHAIR AND METHOD OF USE**  
[54] **BALANCOIRE-CHAISE HAUTE**  
**TRANSFORMABLE ET METHODE**  
**D'UTILISATION CONNEXE**  
[72] SITARSKI, GERALD P., US  
[72] PAESANG, CHINAWUT PAUL, US  
[71] MATTEL, INC., US  
[22] 2000-10-20  
[43] 2001-04-22  
[30] US (09/425,179) 1999-10-22

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[21] **2,323,861**  
[13] A1

[51] **Int.Cl. 7H01Q 1/22 7H04B 7/00**  
**7H01Q 21/00**  
[25] EN  
[54] **STACKED ARRAY ANTENNA**  
**SYSTEM**  
[54] **RESEAU D'ANTENNES**  
**SUPERPOSEES**  
[72] OSTERTAG, EDWARD L., US  
[72] HEATHERWICK, ALAN E., US  
[72] MAMAK, WALTER J., US  
[72] SCHARP, KERRY D., US  
[72] FANTON, MYRON D., US  
[71] ANDREW CORPORATION, US  
[22] 2000-10-19  
[43] 2001-04-22  
[30] US (60/161,197) 1999-10-22

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[21] **2,323,941**  
[13] A1

[51] **Int.Cl. 7F25B 30/02**  
[25] FR  
[54] **INSTALLATION DE POMPAGE DE CHALEUR, NOTAMMENT A FONCTION FRIGORIFIQUE**  
[54] **HEAT PUMP INSTALLATION FOR COOLING**  
[72] RODIE-TALBERE, HENRI, FR  
[72] CHAMBARON, GUY, FR  
[72] REYNAUD, JEAN-FRANCOIS, FR  
[71] RODIE-TALBERE, HENRI, FR  
[71] CHAMBARON, GUY, FR  
[71] REYNAUD, JEAN-FRANCOIS, FR  
[22] 2000-10-19  
[43] 2001-04-25  
[30] FR (FR 99/13272) 1999-10-25

[21] **2,323,943**  
[13] A1

[51] **Int.Cl. 7B30B 15/28 7B22F 3/02**  
[25] EN  
[54] **A FORMING TOOL**  
[54] **OUTIL A FORMER**  
[72] SUNDQVIST, PAR, DE  
[72] JERKLIND, JONAS, DE  
[71] SKF NOVA AB, SE  
[22] 2000-10-20  
[43] 2001-04-22  
[30] SE (9903812-7) 1999-10-22

[21] **2,323,953**  
[13] A1

[51] **Int.Cl. 7F16K 5/00**  
[25] EN  
[54] **HOSE WITH INTEGRAL VALVE**  
[54] **TUYAU D'ARROSAGE AVEC VALVE INTEGREE**  
[72] ASSENHEIMER, KEVIN C., US  
[71] DAYCO PRODUCTS, INC., US  
[22] 2000-10-19  
[43] 2001-04-28  
[30] US (09/430,787) 1999-10-28

[21] **2,323,956**  
[13] A1

[51] **Int.Cl. 7C08B 30/00 7C09J 103/00 7A23L 1/0522 7D21H 17/29 7A61K 47/36**  
[25] FR  
[54] **PROCEDE DE TRANSFORMATION DE MATIERES AMYLACEES EN PHASE SECHE**  
[54] **DRY PHASE PROCESS FOR AMYLACEOUS MATERIALS**  
[72] LAMBIN, ANNE, FR  
[72] DREUX, JEAN-LOUIS, FR  
[72] FUERTES, PATRICK, FR  
[71] ROQUETTE FRERES, FR  
[22] 2000-10-19  
[43] 2001-04-22  
[30] FR (FR 99/13190) 1999-10-22

[21] **2,323,959**  
[13] A1

[51] **Int.Cl. 7A45D 40/00**  
[25] FR  
[54] **APPLICATEUR EN MOUSSE COMPRENANT UN OU PLUSIEURS COMPOSES PARTICULAIRES CONCENTRES AU VOISINAGE DE LA SURFACE D'APPLICATION**  
[54] **FOAM APPLICATOR CONTAINING ONE OR MORE PARTICLE COMPOUNDS CONCENTRATED IN THE AREA OF THE APPLICATION SURFACE**  
[72] VAYRETTE, SOPHIE, FR  
[71] L'OREAL, FR  
[22] 2000-10-19  
[43] 2001-04-22  
[30] FR (99 13 230) 1999-10-22

[21] **2,323,960**  
[13] A1

[51] **Int.Cl. 7G06F 17/60 7H04L 12/16 7G06F 17/30**  
[25] EN  
[54] **METHOD FOR PROVIDING USER-ADAPTIVE MULTI-LEVEL DIGEST STREAM**  
[54] **METHODE PERMETTANT D'OBTENIR UN CONDENSE CONTINU A NIVEAUX MULTIPLES SELON LES PREFERENCES DE L'UTILISATEUR**  
[72] JUN, SUNG BAE, KR  
[71] LG ELECTRONICS INC., KR  
[22] 2000-10-19  
[43] 2001-04-22  
[30] KR (45943/1999) 1999-10-22

[21] **2,323,978**  
[13] A1

[51] **Int.Cl. 7A01D 57/20**  
[25] EN  
[54] **VEHICLE**  
[54] **VEHICULE**  
[72] FRANET, ROGER, FR  
[71] DEERE & COMPANY, US  
[22] 2000-10-18  
[43] 2001-04-23  
[30] DE (199 51 183.7) 1999-10-23

[21] **2,323,979**  
[13] A1

[51] **Int.Cl. 7A01D 57/26**  
[25] EN  
[54] **HARVESTING IMPLEMENT**  
[54] **ACCESSOIRE DE MOISSONNAGE**  
[72] CHONT, PASCAL, FR  
[71] DEERE & COMPANY, US  
[22] 2000-10-18  
[43] 2001-04-23  
[30] DE (199 51 079.2) 1999-10-23

[21] **2,323,986**  
[13] A1

[51] **Int.Cl. 7C07C 1/04**  
[25] FR  
[54] **PROCEDE DE SYNTHESE D'HYDROCARBURES A PARTIR DE GAZ DE SYNTHESE EN PRESENCE D'UN ALLIAGE METALLIQUE DE RANEY DISPERSE DANS UNE PHASE LIQUIDE**  
[54] **HYDROCARBON SYNTHESIS FROM SYNTHETIC GAS IN THE PRESENCE OF A RANEY ALLOY DISPERSED IN A LIQUID PHASE**  
[72] MARION, MARIE-CLAIRE, FR  
[72] HUGUES, FRANCOIS, FR  
[72] ROY-AUBERGER, MAGALIE, FR  
[71] INSTITUT FRANCAIS DU PETROLE, FR  
[71] AGIP PETROLI S.P.A., IT  
[71] ENI S.P.A., IT  
[22] 2000-10-19  
[43] 2001-04-22  
[30] FR (99 13 325) 1999-10-22

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[21] **2,323,988**  
[13] A1

[51] **Int.Cl. 7A01D 67/00**  
[25] EN  
[54] **SELF-PROPELLED AGRICULTURAL VEHICLE**  
[54] **VEHICULE AGRICOLE AUTOMOTEUR**  
[72] SMITH, LARRY NEIL, US  
[72] FRANET, ROGER, FR  
[71] DEERE & COMPANY, US  
[22] 2000-10-20  
[43] 2001-04-23  
[30] DE (199 51 080.6) 1999-10-23

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[21] **2,323,993**  
[13] A1

[51] **Int.Cl. 7G11B 27/02 7G11C 5/00 7G06F 12/14**  
[25] EN  
[54] **RECORDING MEDIUM EDITING APPARATUS BASED ON CONTENT SUPPLY SOURCE**  
[54] **APPAREIL D'EDITION DE SUPPORT D'ENREGISTREMENT COMMANDE SELON LA SOURCE DE CONTENU**  
[72] KIHARA, NOBUYUKI, JP  
[72] YOKOTA, TEPPEI, JP  
[71] SONY CORPORATION, JP  
[22] 2000-10-20  
[43] 2001-04-22  
[30] JP (P11-300734) 1999-10-22

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[21] **2,324,003**  
[13] A1

[51] **Int.Cl. 7H04L 12/16 7H04L 29/02 7G06F 17/30**  
[25] EN  
[54] **METHOD OF PREVENTING ORIGINALITY CONFLICTS IN DATA-TRANSACTION PROCESSES**  
[54] **METHODE DE PREVENTION DE CONFLIT D'ORIGINALITE DANS LES PROCEDES DE TRANSACTION DE DONNEES**  
[72] VASTERS, CLEMENS FRIEDRICH, DE  
[71] ABIT AG, DE  
[22] 2000-10-20  
[43] 2001-04-27  
[30] EP (99 121 373.7) 1999-10-27

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[21] **2,324,023**  
[13] A1

[51] **Int.Cl. 7B41M 5/26 7B44C 1/00**  
[25] FR  
[54] **PROCEDE DE MARQUAGE A CHAUD ET STRUCTURE MULTICOUCHE POUR LA MISE EN OEUVRE D'UN TEL PROCEDE**  
[54] **HOT MARKING PROCESS AND MULTILAYER STRUCTURE FOR IMPLEMENTING THIS PROCESS**  
[72] BETHUNE, ALAIN, FR  
[71] L'OREAL, FR  
[22] 2000-10-19  
[43] 2001-04-22  
[30] FR (99 13 228) 1999-10-22

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[21] **2,324,025**  
[13] A1

[51] **Int.Cl. 7A47F 13/00 7A44C 19/00 7A47F 7/024**  
[25] EN  
[54] **APPARATUS FOR SAFEGUARDING A MERCHANDISE ITEM AGAINST THEFT**  
[54] **APPAREILLAGE POUR PROTEGER DES MARCHANDISES CONTRE LE VOL**  
[72] OTT, REINHOLD, CA  
[71] OTT, REINHOLD, CA  
[22] 2000-10-20  
[43] 2001-04-22  
[30] DE (199 51 019.9) 1999-10-22  
[30] DE (199 51 020.2) 1999-10-22

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[21] **2,324,031**  
[13] A1

[51] **Int.Cl. 7G01V 15/00**  
[25] EN  
[54] **METHOD OF AND APPARATUS FOR ASCERTAINING THE GENUINENESS OF PACKAGED COMMODITIES**  
[54] **METHODE ET APPAREILLAGE DE VERIFICATION DE LA NATURE DE PRODUITS CONDITIONNES**  
[72] VON BISMARCK, GOTTFRIED, DE  
[71] HAUNI MASCHINENBAU AG, DE  
[22] 2000-10-20  
[43] 2001-04-23  
[30] DE (199 51 140.3) 1999-10-23  
[30] US (UNKNOWN) 2000-09-28

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[21] **2,324,032**  
[13] A1

[51] **Int.Cl. 7A47F 13/00**  
[25] EN  
[54] **APPARATUS FOR SAFEGUARDING A MERCHANDISE ITEM AGAINST THEFT**  
[54] **APPAREILLAGE POUR PROTEGER DES MARCHANDISES CONTRE LE VOL**  
[72] OTT, REINHOLD, CA  
[71] OTT, REINHOLD, CA  
[22] 2000-10-20  
[43] 2001-04-22  
[30] DE (199 51 019.9) 1999-10-22  
[30] DE (199 51 020.2) 1999-10-22

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[21] **2,324,040**  
[13] A1

[51] **Int.Cl. 7B05C 17/00 7A45D 34/04**  
[25] FR  
[54] **ENSEMBLE DE CONDITIONNEMENT ET D'APPLICATION D'UN PRODUIT LIQUIDE**  
[54] **PACKAGING AND APPLICATION SET FOR A LIQUID PRODUCT**  
[72] GUERET, JEAN-LOUIS H., FR  
[71] L'OREAL, FR  
[22] 2000-10-20  
[43] 2001-04-22  
[30] FR (99 13 223) 1999-10-22

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[21] **2,324,047**  
[13] A1

[51] **Int.Cl. 7C07C 49/784 7A61K 7/06 7A61K 31/12 7A61K 7/42 7C07C 49/84 7C07C 45/86**  
[25] FR  
[54] **PROCEDE DE PHOTOSTABILISATION DE FILTRES SOLAIRES DERIVES DU DIBENZOYLMETHANE PAR UN FILTRE ORGANIQUE INSOLUBLE MICRONISE**  
[54] **PHOTOSTABILIZATION PROCESS FOR SOLAR FILTERS DERIVED FROM DIBENZOYLMETHANE BY A MICRONIZED INSOLUBLE ORGANIC FILTER**  
[72] PISSON, ANNE-MARIE, FR  
[72] CANDAU, DIDIER, FR  
[71] L'OREAL, FR  
[22] 2000-10-20  
[43] 2001-04-22  
[30] FR (99 13 222) 1999-10-22

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[21] 2,324,054  
[13] A1

[51] **Int.Cl. 7A61K 7/42 7A61K 7/06**  
[25] FR  
[54] **EMULSIONS EAU-DANS-HUILE  
CONTENANT AU MOINS UN FILTRE  
UV ORGANIQUE INSOLUBLE ET UNE  
SILICONE ORGANOMODIFIEE NON-  
FILTRANTE**  
[54] **OIL-IN-WATER EMULSIONS  
CONTAINING AT LEAST ONE  
INSOLUBLE ORGANIC UV FILTER  
AND A NON-FILTERING  
ORGANOMODIFIED SILICONE**  
[72] CANDAU, DIDIER, FR  
[72] FORESTIER, SERGE, FR  
[71] L'OREAL, FR  
[22] 2000-10-20  
[43] 2001-04-22  
[30] FR (99 13 219) 1999-10-22

[21] 2,324,056  
[13] A1

[51] **Int.Cl. 7A61K 7/42 7A61K 7/48**  
[25] FR  
[54] **EMULSIONS CONTENANT AU  
MOINS UN FILTRE UV ORGANIQUE  
INSOLUBLE MICRONISE ET UN  
POLYMERE ASSOCIATIF**  
[54] **EMULSIONS CONTAINING AT  
LEAST ONE MICRONIZED  
INSOLUBLE ORGANIC FILTER AND  
AN ASSOCIATIVE POLYMER**  
[72] CANDAU, DIDIER, FR  
[72] PISSON, ANNE-MARIE, FR  
[72] FORESTIER, SERGE, FR  
[71] L'OREAL, FR  
[22] 2000-10-20  
[43] 2001-04-22  
[30] FR (99 13 220) 1999-10-22

[21] 2,324,068  
[13] A1

[51] **Int.Cl. 7G09F 3/03 7G03H 1/26**  
[25] EN  
[54] **SECURE HOLOGRAPHIC IMAGES  
ON CARDBOARD**  
[54] **IMAGES HOLOGRAPHIQUES  
PROTEGEES MONTEES SUR CARTON**  
[72] STEPANEK, MICHAEL J., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2000-10-23  
[43] 2001-04-25  
[30] US (60/161,029) 1999-10-25  
[30] US (UNKNOWN) 2000-10-11

[21] 2,324,081  
[13] A1

[51] **Int.Cl. 7D02J 1/18 7B32B 5/26 7A61F  
13/538**  
[25] EN  
[54] **APPARATUS, METHOD AND  
SYSTEM FOR AIR OPENING OF  
TEXTILE TOW AND OPENED TEXTILE  
TOW WEB PRODUCED THEREBY**  
[54] **APPAREIL, TECHNIQUE ET  
SYSTEME POUR TRESSAGE D'UNE  
D'ETOUPE EN TEXTILE TRESSE AINSI  
PRODUITE**  
[72] AMES, TODD, US  
[72] LOMAX, BOBBY RAY, US  
[72] KENLEY, RICKY LEE, US  
[72] WYGAND, WILLIAM THOMAS, US  
[72] WEST, WILLIAM, US  
[72] ABED, JEAN-CLAUDE, US  
[72] POWERS, EDWARD J., US  
[71] CELANESE ACETATE, LLC, US  
[22] 2000-10-23  
[43] 2001-04-25  
[30] US (09/426,268) 1999-10-25  
[30] US (09/679,681) 2000-10-05  
[30] US (09/679,832) 2000-10-05

[21] 2,324,087  
[13] A1

[51] **Int.Cl. 7B60K 26/04 7B60T 7/08**  
[25] EN  
[54] **MOTORIZED UTILITY  
IMPLEMENT**  
[54] **ENGIN UTILITAIRE MOTORISE**  
[72] STOFFELS, RICHARD B., US  
[71] GARLOCK EQUIPMENT COMPANY,  
US  
[22] 2000-10-23  
[43] 2001-04-22  
[30] US (09/425,351) 1999-10-22

[21] 2,324,088  
[13] A1

[51] **Int.Cl. 7H01M 10/24**  
[25] EN  
[54] **ACTIVE MATERIAL FOR NON-  
AQUEOUS SECONDARY BATTERY,  
AND NON-AQUEOUS SECONDARY  
BATTERY USING THE SAME**  
[54] **MATERIAU ACTIF POUR  
BATTERIE D'ACCUMULATEURS  
NON-AQUEUX ET BATTERIE  
D'ACCUMULATEURS NON-AQUEUX  
UTILISANT CE MATERIAU**  
[72] NAKANE, KENJI, JP  
[72] OGAWA, HIROSHI, JP  
[72] NISHIDA, YASUNORI, JP  
[72] KAWAKAMI, YOSHIHIRO, JP  
[71] SUMITOMO CHEMICAL COMPANY  
LIMITED, JP  
[22] 2000-10-23  
[43] 2001-04-26  
[30] JP (H11-303957) 1999-10-26

[21] 2,324,089  
[13] A1

[51] **Int.Cl. 7G02B 6/16**  
[25] EN  
[54] **HIGH FIBER COUNT COMPACT,  
LOOSE TUBE OPTICAL FIBER CABLE  
EMPLOYING RIBBON UNITS AND  
FLEXIBLE BUFFER TUBES**  
[54] **CABLE OPTIQUE COMPACT A  
FIBRES NOMBREUSES ET A GAINÉ  
FLOTTANTE UTILISANT DES RUBANS  
ET DES TUBES INTERMEDIAIRES  
SOUPLES**  
[72] CHAMBERLAIN, RICHARD, CA  
[72] VAUGHN, ROGER, US  
[72] WELLS, BEN, US  
[72] PIERCE, RODNEY J., US  
[71] PIRELLI CABLES AND SYSTEMS  
LLC, US  
[22] 2000-10-20  
[43] 2001-04-22  
[30] US (60/161,089) 1999-10-22

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**22 avril 2001 - 28 avril 2001**

[21] **2,324,090**  
[13] A1

[51] **Int.Cl. 7H01R 4/28 7H01R 4/38**  
[25] EN  
[54] **ELECTRICAL WIRING DEVICE WITH MULTIPLE TYPES OF WIRE TERMINATIONS**  
[54] **DISPOSITIF DE CONNEXION AVEC DIFFERENTS TYPES DE RACCORD DE FILS**  
[72] POH, PATRICK, US  
[72] LOPEZ, JUAN M., US  
[71] LEVITON MANUFACTURING CO., INC., US  
[22] 2000-10-23  
[43] 2001-04-25  
[30] US (09/426,458) 1999-10-25

[21] **2,324,116**  
[13] A1

[51] **Int.Cl. 7A61K 31/4045 7A61P 25/06 7A61K 31/40 7A61K 31/438 7A61K 31/439 7A61K 31/451 7A61K 31/453 7A61K 31/454 7A61K 31/4709 7A61K 31/5377 7A61K 31/538**  
[25] EN  
[54] **NK-1 RECEPTOR ANTAGONISTS AND ELETRIPTAN FOR THE TREATMENT OF MIGRAINE**  
[54] **ANTAGONISTES DU RECEPTEUR NK-1 ET ELETRIPTAN POUR LE TRAITEMENT DE LA MIGRAINE**  
[72] SOBOLOV-JAYNES, SUSAN BETH, US  
[71] PFIZER PRODUCTS INC., US  
[22] 2000-10-23  
[43] 2001-04-25  
[30] US (60/161,284) 1999-10-25  
[30] US (60/164,896) 1999-11-10

[21] **2,324,117**  
[13] A1

[51] **Int.Cl. 7C07C 31/26 7C07H 15/04 7C07C 29/132 7A61K 7/16 7C07C 31/18 7C11D 3/22 7A61K 47/26**  
[25] EN  
[54] **PROCESS FOR PREPARING A NONCRYSTALLIZABLE POLYOL SYRUP**  
[54] **PROCESSUS DE PREPARATION D'UN SIROP AUX POLYOLS NON CRISTALLISABLE**  
[72] FERREZ, PATRICK, FR  
[72] SALOME, JEAN-PAUL, FR  
[72] LEFEVRE, PHILIPPE, FR  
[71] ROQUETTE FRERES, FR  
[22] 2000-10-23  
[43] 2001-04-28  
[30] FR (99 13492) 1999-10-28

[21] **2,324,118**  
[13] A1

[51] **Int.Cl. 7A21D 13/08**  
[25] EN  
[54] **CHEESECAKE STANDARDIZATION METHOD**  
[54] **METHODE D'UNIFORMISATION DE L'ASPECT DU GATEAU AU FROMAGE**  
[72] IRVIN, SCOT ALAN, US  
[71] KRAFT FOODS, INC., US  
[22] 2000-10-23  
[43] 2001-04-22  
[30] US (426,781) 1999-10-22

[21] **2,324,120**  
[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **AN ANALYSIS METHOD**  
[54] **METHODE D'ANALYSE**  
[72] KENNY, GRAHAM KEVIN, AU  
[72] KENNY, MARGARET MARY, AU  
[71] STRATEGIC FACTORS PTY LTD., AU  
[22] 2000-10-24  
[43] 2001-04-25  
[30] AU (PQ3653/99) 1999-10-25  
[30] AU (PQ7235/00) 2000-05-02

[21] **2,324,124**  
[13] A1

[51] **Int.Cl. 7G06F 17/60 7G06F 17/30**  
[25] EN  
[54] **CHECK VERIFICATION SYSTEM AND METHOD**  
[54] **METHODE ET SYSTEME DE VERIFICATION DE CHEQUES**  
[72] SLATER, ALAN T., US  
[71] CITIBANK, N.A., US  
[22] 2000-10-24  
[43] 2001-04-25  
[30] US (60/161,254) 1999-10-25

[21] **2,324,125**  
[13] A1

[51] **Int.Cl. 7C09D 11/00**  
[25] EN  
[54] **WATER-SOLUBLE INK COMPOSITION AND INK JET RECORDING APPARATUS USING SAME**  
[54] **COMPOSITION D'ENCRE HYDROSOLUBLE ET ENREGISTREUR A JET D'ENCRE EMPLOYANT CETTE COMPOSITION**  
[72] MUKAI, HIROSHI, JP  
[72] KATO, KENICHI, JP  
[71] SEIKO EPSON CORPORATION, JP  
[22] 2000-10-24  
[43] 2001-04-25  
[30] JP (11-302793) 1999-10-25

[21] **2,324,127**  
[13] A1

[51] **Int.Cl. 7B01D 71/44 7B01D 71/02 7H01M 2/16**  
[25] EN  
[54] **POLYMER ELECTROLYTE MEMBRANE FOR USE IN LITHIUM BATTERIES**  
[54] **MEMBRANE DE POLYMERE ELECTROLYTE POUR BATTERIES AU LITHIUM**  
[72] HEIDER, UDO, DE  
[72] OESTEN, RUDIGER, DE  
[72] SCROSATI, BRUNO, DE  
[72] CROCE, FAUSTO, DE  
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE  
[22] 2000-10-24  
[43] 2001-04-26  
[30] EP (99 121 289.5) 1999-10-26  
[30] DE (199 51 872.6) 1999-10-28

[21] **2,324,131**  
[13] A1

[51] **Int.Cl. 7A61B 5/15**  
[25] EN  
[54] **CAPILLARY HEMATOCRIT SEPARATION STRUCTURE AND METHOD**  
[54] **STRUCTURE DE LA SEPARATION DE L'HEMATOCRITE CAPILLAIRE ET METHODE CONNEXE**  
[72] WILSEY, CHRISTOPHER D., US  
[72] BHULLAR, RAGHBIR S., US  
[72] SHELTON, JEFFREY N., US  
[71] ROCHE DIAGNOSTICS CORPORATION, US  
[22] 2000-10-24  
[43] 2001-04-28  
[30] US (09/428,691) 1999-10-28

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[21] **2,324,132**  
[13] A1  
[51] **Int.Cl. 7E04C 1/00**  
[25] EN  
[54] **INTERLOCKING CONCRETE  
BLOCK**  
[54] **BLOCS DE BETON A  
EMBOITEMENT**  
[72] BOOT, DANIEL, CA  
[71] BOOT, DANIEL, CA  
[22] 2000-10-24  
[43] 2001-04-25  
[30] US (60/161,065) 1999-10-25

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[21] **2,324,133**  
[13] A1  
[51] **Int.Cl. 7G06F 12/14 7G11C 7/00**  
[25] EN  
[54] **RECORDING MEDIUM,  
RECORDING APPARATUS AND  
RECORDING/REPRODUCING SYSTEM**  
[54] **SUPPORT D'ENREGISTREMENT,  
APPAREIL D'ENREGISTREMENT ET  
SYSTME D'ENREGISREMENT/DE  
REPRODUCTION**  
[72] KIHARA, NOBUYUKI, JP  
[72] YOKOTA, TEPPEI, JP  
[71] SONY CORPORATION, JP  
[22] 2000-10-24  
[43] 2001-04-26  
[30] JP (P11-303746) 1999-10-26

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[21] **2,324,150**  
[13] A1  
[51] **Int.Cl. 7C08J 11/10 7F23G 7/00  
7B29B 17/02**  
[25] EN  
[54] **PROCESS AND APPARATUS FOR  
REGENERATING WASTE PRODUCTS  
OF HIGH MOLECULAR COMPOUNDS**  
[54] **PROCESSUS ET APPAREIL POUR  
LA REGENERATION DE DECHETS  
CONTENANT DES COMPOSES DE  
MASSE MOLECULAIRE ELEVEE**  
[72] INAOKA, MITSUHIKO, JP  
[71] HANYOKOGYO KABUSHIKI  
KAISHA, JP  
[22] 2000-10-24  
[43] 2001-04-25  
[30] JP (301928/1999) 1999-10-25

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[21] **2,324,157**  
[13] A1  
[51] **Int.Cl. 7B62D 65/02 7B23K 37/00  
7B23K 37/04**  
[25] EN  
[54] **IMPROVED AUTOMATIC MOTOR  
VEHICLE BODY ASSEMBLY AND  
WELDING STATION**  
[54] **CARROSSERIE AMELIOREE DE  
VEHICULE MOTORISE  
AUTOMATIQUE ET POSTE DE  
SOUDAGE**  
[72] RECUPERO, ANTONIO, IT  
[72] CAPPA, SERGIO, IT  
[71] ADVANCED TECHNOLOGIES  
S.R.L., IT  
[22] 2000-10-24  
[43] 2001-04-25  
[30] IT (MI 99 A 002224) 1999-10-25

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[21] **2,324,160**  
[13] A1  
[51] **Int.Cl. 7B66F 3/08**  
[25] EN  
[54] **HAND CRANK FOR A LIFTING  
JACK**  
[54] **MANIVELLE POUR CRIC DE  
LEVAGE**  
[72] GRENIER, NELSON, CA  
[71] GRENIER, NELSON, CA  
[22] 2000-10-24  
[43] 2001-04-25  
[30] CA (2,287,621) 1999-10-25

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[21] **2,324,164**  
[13] A1  
[51] **Int.Cl. 7B60Q 1/00**  
[25] EN  
[54] **LENS RETENTION MEANS FOR  
VEHICLE LAMP ASSEMBLY**  
[54] **DISPOSITIF DE RETENUE DE  
CACHE-FEU D'AUTOMOBILE**  
[72] PARRIGIN, ALBERT, US  
[71] GROTE INDUSTRIES, INC., US  
[22] 2000-10-24  
[43] 2001-04-25  
[30] US (09/426,264) 1999-10-25

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[21] **2,324,169**  
[13] A1  
[51] **Int.Cl. 7H05K 9/00 7G03F 7/16**  
[25] EN  
[54] **TRANSPARENT  
ELECTROMAGNETIC RADIATION  
SHIELD MATERIAL AND METHOD OF  
PRODUCING THE SAME**  
[54] **MATERIAU TRANSPARENT  
D'ECRAN CONTRE LE  
RAYONNEMENT  
ELECTROMAGNETIQUE ET  
METHODE DE PRODUCTION DUDIT  
MATERIAU**  
[72] MARUTSUKA, TOSHINORI, JP  
[71] NISSHINBO INDUSTRIES INC., JP  
[22] 2000-10-24  
[43] 2001-04-25  
[30] JP (11-338330) 1999-10-25

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[21] **2,324,171**  
[13] A1  
[51] **Int.Cl. 7G02C 9/04**  
[25] EN  
[54] **METHOD AND DEVICE FOR  
COUPLING SPECTACLES AND CLIP-  
ON SUNSHADES WITH EACH OTHER**  
[54] **METHODE ET APPAREILLAGE  
DE MONTAGE D'APPLIQUE SOLAIRE  
SUR DES LUNETTES**  
[72] LEE, JU JAE, KR  
[72] LEE, SUK JAE, KR  
[71] LEE, JU JAE, KR  
[71] LEE, SUK JAE, KR  
[22] 2000-10-23  
[43] 2001-04-23  
[30] KR (1999-22922) 1999-10-23  
[30] KR (1999-26841) 1999-12-02  
[30] KR (2000-62086) 2000-10-21

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[21] **2,324,173**  
[13] A1  
[51] **Int.Cl. 7H04L 12/54**  
[25] EN  
[54] **CLIENT SERVER SYSTEM,  
AUTHORING TOOL THEREOF AND  
APPLIED SYSTEM THEREOF**  
[54] **SYSTEME CLIENT-SERVEUR,  
SYSTEME-AUTEUR CONNEXE ET  
SYSTEME D'APPLICATION CONNEXE**  
[72] MIYAZAWA, YOICHI, JP  
[72] OKADA, TETSUYA, JP  
[71] KIZNA.COM INC., US  
[22] 2000-10-23  
[43] 2001-04-22  
[30] JP (H11-301744) 1999-10-22

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[21] **2,324,174**  
[13] A1

[51] **Int.Cl. 7C08F 4/58 7C08F 136/06 7C08F 136/08 7C08F 236/08 7C08F 4/52**  
[25] EN  
[54] **CATALYST BASED ON RARE EARTH METAL COMPOUNDS**  
[54] **CATALYSEUR S'INSPIRANT DE COMPOSES DE METAL TERREUX RARES**  
[72] KNAUF, THOMAS, DE  
[72] BRAUBACH, WILFRIED, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 2000-10-25  
[43] 2001-04-28  
[30] DE (19951841.6) 1999-10-28

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[21] **2,324,177**  
[13] A1

[51] **Int.Cl. 7H04L 12/56 7H04M 11/06**  
[25] EN  
[54] **METHOD AND APPARATUS FOR SUPPRESSION OF PACKETS DURING SILENCE PERIODS IN A PACKET TELEPHONY SYSTEM**  
[54] **METHODE ET APPAREIL POUR ANNULER DES PAQUETS PENDANT LES PERIODES DE SILENCE DANS UN SYSTEME DE TELEPHONIE PAR PAQUETS**  
[72] LAM, YUK-MING PETER, US  
[72] HUAN, FANG-FE S., US  
[72] BAUER, ERIC JONATHAN, US  
[71] AVAYA TECHNOLOGY CORP., US  
[22] 2000-10-23  
[43] 2001-04-28  
[30] US (09/429,389) 1999-10-28

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[21] **2,324,181**  
[13] A1

[51] **Int.Cl. 7B26D 7/18**  
[25] EN  
[54] **METHOD OF PREPARING A SYSTEM OF CONVERTING TOOLS AND PRESETTING TABLE FOR WORKING THE METHOD AS WELL AS AN ASSEMBLY OF COMPONENTS FOR PREPARING AN UPPER STRIPPING DIE**  
[54] **TECHNIQUE DE PREPARATION D'UN SYSTEME DE CONVERSION D'OUTILS ET PREREGLAGE D'UNE TABLE POUR UTILISER CETTE TECHNIQUE AINSI QU'UN ENSEMBLE DE COMPOSANTS POUR PREPARER UNE MATRICE DECOCHEUSE SUPERIEURE**  
[72] CHIARI, MAURO, CH  
[72] REBET, SYLVAIN, CH  
[71] BOBST S.A., CH  
[22] 2000-10-25  
[43] 2001-04-26  
[30] CH (1999 1949/99) 1999-10-26

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[21] **2,324,183**  
[13] A1

[51] **Int.Cl. 7A47B 17/00 7A47B 3/00**  
[25] EN  
[54] **OFFICE TABLE**  
[54] **TABLE A ECRIRE**  
[72] NOVALES, ALBERTO SANZ, ES  
[71] OFITA, S.A. MOBILIARIO METALICO (OFITA, S.A.M.M.), ES  
[22] 2000-10-25  
[43] 2001-04-27  
[30] ES (9902700/3) 1999-10-27

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[21] **2,324,185**  
[13] A1

[51] **Int.Cl. 7G06F 17/30 7G06F 17/60**  
[25] EN  
[54] **A PROCESS AND SYSTEM FOR CONFIGURING REPAIR CODES FOR DIAGNOSTICS OF MACHINE MALFUNCTIONS**  
[54] **PROCESSUS ET SYSTEME DE CONFIGURATION DE CODES DE REPARATION POUR LE DIAGNOSTIC DE DEFAILLANCES DANS DES MACHINES**  
[72] BLILEY, RICHARD GERALD, US  
[72] GIBSON, DAVID RICHARD, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2000-10-25  
[43] 2001-04-28  
[30] US (60/162,298) 1999-10-28

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[21] **2,324,188**  
[13] A1

[51] **Int.Cl. 7B65H 37/04 7B62D 65/06**  
[25] EN  
[54] **ADHESIVE TAPE APPLICATOR**  
[54] **APPLIQUEUR DE RUBAN ADHESIF**  
[72] SHINOZAKI, MITSUHIKO, JP  
[72] ANDO, HISASHI, JP  
[71] KANSAI PAINT CO., LTD., JP  
[22] 2000-10-25  
[43] 2001-04-26  
[30] JP (1999-304395) 1999-10-26

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[21] **2,324,195**  
[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **METHOD FOR DETECTING ABERRANT BEHAVIOR OF A FINANCIAL INSTRUMENT**  
[54] **METHODE DE DETECTION DU COMPORTEMENT ABERRANT D'UN INSTRUMENT FINANCIER**  
[72] THOMAS, CHRISTOPHER K., CA  
[71] MEASUREDMARKETS INC., CA  
[22] 2000-10-25  
[43] 2001-04-25  
[30] US (60/161,083) 1999-10-25

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[21] **2,324,197**  
[13] A1

[51] **Int.Cl. 7A47G 9/02 7A47C 17/46**  
[25] EN  
[54] **SHEET FOR STRETCHER/GURNEY**  
[54] **DRAP POUR CIVIERE ET CIVIERE ROULANTE**  
[72] STURROCK, SHELDON B., CA  
[71] STURROCK, SHELDON B., CA  
[22] 2000-10-25  
[43] 2001-04-28  
[30] US (60/162,024) 1999-10-28

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[21] **2,324,198**  
[13] A1

[51] **Int.Cl. 7B65G 53/14**  
[25] EN  
[54] **ICE TRANSPORT SYSTEM**  
[54] **SYSTEME DE TRANSPORT DE GLACE**  
[72] HENRY, PAUL J., US  
[71] IMI CORNELIUS INC., US  
[22] 2000-10-25  
[43] 2001-04-27  
[30] US (60/161,810) 1999-10-27

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April 22, 2001 - April 28, 2001

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[21] **2,324,200**  
[13] A1  
[51] **Int.Cl. 7B67D 3/00 7F25D 11/00**  
[25] EN  
[54] **JUICE DISPENSER WITH  
REMOVABLE COOLED CABINET**  
[54] **DISTRIBUTRICE DE JUS AVEC  
ARMOIRE REFROIDIE AMOVIBLE**  
[72] LONG, MICHAEL S., US  
[72] SEGIET, WILLIAM W., JR., US  
[72] WOLSKI, PETER F., US  
[71] IMI CORNELIUS INC., US  
[22] 2000-10-25  
[43] 2001-04-26  
[30] US (60/161,498) 1999-10-26

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[21] **2,324,202**  
[13] A1  
[51] **Int.Cl. 7G06F 19/00 7G06T 15/00**  
[25] EN  
[54] **PLAYING ENVIRONMENT  
GENERATION SYSTEM FOR  
SIMULATION SYSTEM**  
[54] **SYSTEME DE GENERATION  
D'ENVIRONNEMENT DE JEUX POUR  
SYSTEME DE SIMULATION**  
[72] SHIMADA, HISASHI, JP  
[72] NISHIWAKI, KENTARO, JP  
[71] T & E SOFT, INC., JP  
[22] 2000-10-25  
[43] 2001-04-25  
[30] JP (11-301914) 1999-10-25

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[21] **2,324,336**  
[13] A1  
[51] **Int.Cl. 7C11D 17/08 7C11D 1/14  
7C11D 1/29 7C11D 1/66 7C11D 1/94**  
[25] EN  
[54] **AQUEOUS MULTIPHASE  
CLEANER**  
[54] **NETTOYANT AQUEUX  
POLYPHASIQUE**  
[72] GIESEN, BRIGITTE, DE  
[72] MEINE, GEORG, DE  
[72] WORTMANN, MARION, DE  
[72] ZAIKA, DAGMAR, DE  
[71] HENKEL  
KOMMANDITGESELLSCHAFT AUF  
AKTIEN, DE  
[22] 2000-10-26  
[43] 2001-04-26  
[30] DE (199 51 635.9) 1999-10-26

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[21] **2,324,338**  
[13] A1  
[51] **Int.Cl. 7D21D 5/06**  
[25] EN  
[54] **PROCESS AND DEVICE FOR  
FRACTIONING A SUSPENSION  
CONTAINING PAPER FIBERS**  
[54] **PROCEDE ET DISPOSITIF POUR  
FRACTIONNER UNE SUSPENSION  
CONTENANT DES FIBRES DE PAPIER**  
[72] SCHABEL, SAMUEL, DE  
[71] VOITH SULZER PAPIERTECHNIK  
PATENT GMBH, DE  
[22] 2000-10-26  
[43] 2001-04-27  
[30] DE (199 51 711.8) 1999-10-27

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[21] **2,324,385**  
[13] A1  
[51] **Int.Cl. 7C12P 21/00 7C12N 9/72**  
[25] EN  
[54] **METHOD FOR INCREASING THE  
PRODUCTION OF  
PHYSIOLOGICALLY ACTIVE  
SUBSTANCES BY CULTURED CELLS**  
[54] **METHODE POUR ACCROITRE LA  
PRODUCTION DE SUBSTANCES  
PAR DES CELLULES CULTIVEES**  
[72] TAMASHIMA, HIROSHI, JP  
[71] WELFIDE CORPORATION, JP  
[22] 2000-10-24  
[43] 2001-04-26  
[30] JP (11-303279) 1999-10-26

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[21] **2,324,388**  
[13] A1  
[51] **Int.Cl. 7B65D 30/08 7B65B 53/02**  
[25] EN  
[54] **PATCH BAG WITH PATCH  
CONTAINING HIGH AND LOW  
CRYSTALLINITY ETHYLENE  
COPOLYMERS**  
[54] **SAC A PELLICULE DE  
RENFORCEMENT CONTENANT DES  
COPOLYMERES D'ETHYLENE A  
CRISTALLINITE ELEVEE ET A  
FAIBLE CRISTALLINITE**  
[72] RAMESH, RAM KUMAR, US  
[72] MUDAR, KIMBERLY ANN, US  
[71] CRYOVAC, INC., US  
[22] 2000-10-24  
[43] 2001-04-25  
[30] US (09/426,827) 1999-10-25

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[21] **2,324,391**  
[13] A1  
[51] **Int.Cl. 7C08L 23/04 7C08F 10/02  
7C08L 25/04 7C08L 83/04 7C08F 10/06  
7C08F 14/06 7C08L 27/06 7C08F 12/08  
7C08L 23/10**  
[25] EN  
[54] **ADDITIVE MIXTURE FOR  
IMPROVING THE MECHANICAL  
PROPERTIES OF POLYMERS**  
[54] **MELANGE D'ADDITIFS POUR  
AMELIORER LES PROPRIETES  
MECANIQUES DES POLYMERES**  
[72] SIMON, DIRK, DE  
[72] PFAENDNER, RUDOLF, DE  
[72] STEINERT ANDREAS KONRAD, DE  
[71] CIBA SPECIALTY CHEMICALS  
HOLDING INC., CH  
[22] 2000-10-24  
[43] 2001-04-26  
[30] CH (1954/99) 1999-10-26

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[21] **2,324,395**  
[13] A1  
[51] **Int.Cl. 7C12P 7/18 7C12P 17/04**  
[25] EN  
[54] **PROCESS FOR PREPARING  
OPTICALLY ACTIVE 4-HALOGENO-1,  
3- BUTANEDIOL AND ITS  
DERIVATIVE BY MICROORGANISM**  
[54] **PROCESSUS DE SYNTHESE D'UN  
4-HALOGENOBUTANE-1,3-DIOL  
OPTIQUEMENT ACTIF ET DE SON  
DERIVE A L'AIDE D'UN  
MICROORGANISME**  
[72] SUZUKI, TOSHIO, JP  
[72] KASAI, NAOYA, JP  
[72] NAKAGAWA, ATSUSHI, JP  
[72] IDOGAKI, HIDEAKI, JP  
[71] DAISO CO., LTD., JP  
[22] 2000-10-24  
[43] 2001-04-26  
[30] JP (303817/1999) 1999-10-26

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[21] **2,324,398**  
[13] A1

[51] **Int.Cl. 7C01B 31/20 7C01B 21/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PRODUCING CARBON DIOXIDE**  
[54] **METHODE ET APPAREIL POUR LA PRODUCTION DE DIOXYDE DE CARBONE**  
[72] KESKAR, NITIN RAMESH, US  
[72] SCHWARTZ, JOSEPH MICHAEL, US  
[72] GOTTMANN, CHRISTIAN FRIEDRICH, US  
[72] PRASAD, RAVI, US  
[71] PRAXAIR TECHNOLOGY, INC., US  
[22] 2000-10-24  
[43] 2001-04-26  
[30] US (09/427,066) 1999-10-26

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[21] **2,324,400**  
[13] A1

[51] **Int.Cl. 7H01B 5/02 7H02G 5/04**  
[25] EN  
[54] **ELECTRICAL DISTRIBUTION SYSTEM**  
[54] **SYSTEME DE DISTRIBUTION ELECTRIQUE**  
[72] BURGUERA, ELIO C., ZZ  
[71] BURGUERA, ELIO C., VE  
[22] 2000-10-26  
[43] 2001-04-27  
[30] VE (2177/99) 1999-10-27

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[21] **2,324,402**  
[13] A1

[51] **Int.Cl. 7H01R 12/30 7H01R 12/14**  
[25] EN  
[54] **CONNECTING TERMINAL**  
[54] **BORNE DE RACCORDEMENT**  
[72] FRANCK, FELIX, DE  
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH, DE  
[22] 2000-10-26  
[43] 2001-04-27  
[30] DE (199 51 789.4) 1999-10-27

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[21] **2,324,423**  
[13] A1

[51] **Int.Cl. 7G02F 1/13357 7H05B 37/00**  
[25] EN  
[54] **EFFICIENT CONTROLLED CURRENT SINK FOR LED BACKLIGHT PANEL**  
[54] **CIRCUIT D'ABSORPTION DE COURANT EFFICIENT POUR PANNEAU A RETROECLAIRAGE A DEL**  
[72] BURTON, SCOTT RICHARD, CA  
[71] MITEL CORPORATION, CA  
[22] 2000-10-25  
[43] 2001-04-26  
[30] GB (9925263.7) 1999-10-26

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[21] **2,324,425**  
[13] A1

[51] **Int.Cl. 7A61K 7/42 7A61K 7/06 7A61K 7/48**  
[25] FR  
[54] **EMULSIONS SANS EMULSIONNANT CONTENANT AU MOINS UN FILTRE UV ORGANIQUE INSOLUBLE**  
[54] **EMULSIONS WITHOUT EMULSIFIERS CONTAINING AT LEAST ONE INSOLUBLE ORGANIC UV FILTER**  
[72] CANDAU, DIDIER, FR  
[72] PISSON, ANNE-MARIE, FR  
[71] L'OREAL, FR  
[22] 2000-10-20  
[43] 2001-04-22  
[30] FR (99 13 221) 1999-10-22

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[21] **2,324,427**  
[13] A1

[51] **Int.Cl. 7B64D 47/00**  
[25] FR  
[54] **DISPOSITIF DE SUSPENSION POUR RELIER UN EQUIPEMENT EMBARQUE A LA STRUCTURE D'UN VEHICULE, NOTAMMENT UN AERONEF A VOILURE TOURNANTE**  
[54] **SUSPENSION DEVICE FOR MOUNTING ONBOARD EQUIPMENT TO THE STRUCTURE OF A VEHICLE, NAMELY A ROTARY-WING AIRCRAFT**  
[72] DURAND, FRANCOIS, FR  
[72] QUECHON, SYLVIE, FR  
[72] FONTAINE, BERNARD, FR  
[71] AEROSPATIALE MATRA MISSILES, FR  
[22] 2000-10-23  
[43] 2001-04-25  
[30] FR (99 13 276) 1999-10-25

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[21] **2,324,428**  
[13] A1

[51] **Int.Cl. 7B67D 5/56**  
[25] EN  
[54] **LIQUID LAYER MACHINE**  
[54] **MACHINE POUR LIQUIDES ETAGES**  
[72] ARMSTRONG, BRAD, CA  
[71] ARMSTRONG, BRAD, CA  
[22] 2000-10-25  
[43] 2001-04-26  
[30] US (60/161366) 1999-10-26

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[21] **2,324,429**  
[13] A1

[51] **Int.Cl. 7B60M 1/02**  
[25] FR  
[54] **SYSTEME D'ALIMENTATION STATIQUE PAR LE SOL POUR VEHICULE ELECTRIQUE ET VEHICULE ELECTRIQUE DESTINE A ETRE ALIMENTE AU MOYEN D'UN TEL SYSTEME D'ALIMENTATION**  
[54] **STATIC GROUND-BASED SYSTEM FOR POWERING ELECTRIC VEHICLES AND ELECTRIC VEHICLE DESIGNED TO BE POWERED BY MEANS OF THE SAID SYSTEM**  
[72] CORNIC, DANIEL, FR  
[71] ALSTOM, FR  
[22] 2000-10-23  
[43] 2001-04-25  
[30] FR (99 13 289) 1999-10-25

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[21] **2,324,430**  
[13] A1

[51] **Int.Cl. 7H04L 12/40**  
[25] FR  
[54] **DISPOSITIF ET BOITIER POUR RACCORDEMENT A UN RESEAU LOCAL**  
[54] **DEVICE AND CASING FOR CONNECTION TO A LOCAL NETWORK**  
[72] PIGNAULT, BERNARD, FR  
[72] PELLEGRINO, MICHAEL DOMINIQUE, FR  
[71] SCHNEIDER AUTOMATION, FR  
[22] 2000-10-24  
[43] 2001-04-25  
[30] FR (99 13481) 1999-10-25

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[21] 2,324,432  
[13] A1

[51] Int.Cl. 7B61D 17/00  
[25] EN  
[54] UNDERFLOOR CONTAINER FOR RAIL VEHICLES  
[54] CONTENANT DE SOUTE POUR VEHICULES SUR RAILS  
[72] DRABON, RODSCHA, DE  
[71] DAIMLERCHRYSLER AG, DE  
[22] 2000-10-25  
[43] 2001-04-26  
[30] DE (199 51 356.2) 1999-10-26

[21] 2,324,433  
[13] A1

[51] Int.Cl. 7C07D 263/32 7C07D 413/04  
[25] FR  
[54] PROCEDE DE PREPARATION D'OXAZOLES TRISUBSTITUES  
[54] PROCESS FOR THE PREPARATION OF TRISUBSTITUTED OXAZOLES  
[72] DUMATS, JACQUELINE, FR  
[72] DALKO, MARIA, FR  
[71] L'OREAL, FR  
[22] 2000-10-25  
[43] 2001-04-27  
[30] FR (99 13 446) 1999-10-27

[21] 2,324,437  
[13] A1

[51] Int.Cl. 7C22C 38/18 7C23C 14/06  
[25] FR  
[54] TOLE D'ACIER DOTE E D'UN REVETEMENT COMPRENANT UNE COUCHE PRINCIPALE D'ALLIAGE ZINC-CHROME, DONT LA PHASE PREPONDERANTE PRESENTE UNE STRUCTURE .DELTA. ET/OU .ZETA.  
[54] STEEL SHEET WITH A COATING COMPRISING A MAIN LAYER OF ZINC-CHROME ALLOY, OF WHICH THE PREDOMINANT PHASE PRESENTS A STRUCTURE .DELTA AND/OR .ZETA.  
[72] CHALEIX, DANIEL, FR  
[72] CHOQUET, PATRICK, FR  
[72] LAMANDE, ALAIN, FR  
[72] SCOTT, COLIN, FR  
[72] OLIER, CHRISTOPHE, FR  
[71] USINOR, FR  
[22] 2000-10-25  
[43] 2001-04-26  
[30] FR (99 13 327) 1999-10-26

[21] 2,324,487  
[13] A1

[51] Int.Cl. 7B23P 19/04  
[25] EN  
[54] METHOD OF BOILER TUBE REMOVAL  
[54] TECHNIQUE DE DEPOSE DE TUBES DE CHAUDIERE  
[72] WEEKS, BRUCE V., US  
[71] ADVANCED CUTTING TECHNOLOGIES, LTD., US  
[22] 2000-10-26  
[43] 2001-04-27  
[30] US (09/428,043) 1999-10-27

[21] 2,324,489  
[13] A1

[51] Int.Cl. 7F04B 19/20  
[25] FR  
[54] POMPE DESTINEE A EQUIPER UN RECIPIENT, COMPORTANT UNE MEMBRANE ELASTIQUEMENT DEFORMABLE A L'EXTERIEUR DE LA CHAMBRE DE POMPAGE  
[54] PUMP DESIGNED TO BE FITTED TO A RECEPTACLE, COMPRISING AN ELASTICALLY DEFORMABLE DIAPHRAGM OUTSIDE THE PUMP CHAMBER  
[72] BAUDIN, GILLES, FR  
[71] L'OREAL, FR  
[22] 2000-10-26  
[43] 2001-04-26  
[30] FR (99 13 346) 1999-10-26

[21] 2,324,490  
[13] A1

[51] Int.Cl. 7G01S 7/285  
[25] FR  
[54] DISPOSITIF DE COMMANDE POUR LA FORMATION DE PLUSIEURS FAISCEAUX SIMULTANES DE RECEPTION RADAR A ANTENNE A BALAYAGE ELECTRONIQUE  
[54] CONTROL DEVICE FOR THE FORMATION OF SEVERAL SIMULTANEOUS BEAMS OF ELECTRONIC SWEEP ANTENNA RADAR RECEPTION  
[72] MAAS, OLIVIER, FR  
[72] MERLET, THOMAS, FR  
[71] THOMSON-CSF, FR  
[22] 2000-10-26  
[43] 2001-04-26  
[30] FR (99 13358) 1999-10-26

[21] 2,324,495  
[13] A1

[51] Int.Cl. 7C07D 493/04 7A61P 35/00 7C07H 15/26 7A61K 31/365 7A61K 31/4525 7A61K 31/496 7A61K 31/5377 7C07F 9/6561 7A61K 31/662 7A61K 31/7048  
[25] FR  
[54] NOUVEAUX DERIVES DE 9-(3,5-DIMETHOXYPHENYL)-5,8,8A,9-TETRAHYDROFURO -3',4':6,7]-NAPHTO -2,3-D] -1,3] DIOXOL-6(5AH)-ONE, LEUR PROCEDE DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT  
[54] NEW 9-(3,5-DIMETHOXYPHENYL)-5,8,8A,9-TETRAHYDROFURO -3',4':6,7]-NAPHTO -2,3-D] -1,3] DIOXOL-6(5AH)-ONE DERIVATIVES, THEIR PREPARATION PROCESS AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM  
[72] PFEIFFER, BRUNO, FR  
[72] RENARD, PIERRE, FR  
[72] MERESSE, PHILIPPE, FR  
[72] ATASSI, GHANEM, FR  
[72] BERTOUNESQUE, EMMANUEL, FR  
[72] MONNERET, CLAUDE, FR  
[72] PIERRE, ALAIN, FR  
[71] ADIR ET COMPAGNIE, FR  
[22] 2000-10-26  
[43] 2001-04-28  
[30] FR (99/13514) 1999-10-28

[21] 2,324,530  
[13] A1

[51] Int.Cl. 7G02B 6/126 7G02B 6/13  
[25] EN  
[54] OPTICAL COMPONENT AND METHOD OF MANUFACTURING THE SAME  
[54] COMPOSANT OPTIQUE ET METHODE DE FABRICATION DUDIT COMPOSANT  
[72] MIURA, HIDESHI, JP  
[72] TSUCHIYA, HARUHIKO, JP  
[72] HOSOKAWA, TADATOSHI, JP  
[72] TOKAIRIN, TOSHIO, JP  
[71] TOKIN CORPORATION, JP  
[22] 2000-10-27  
[43] 2001-04-28  
[30] JP (307194/1999) 1999-10-28

**Demandes canadiennes mises à la disponibilité du public**  
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[21] **2,324,531**  
[13] A1

[51] **Int.Cl. 7B60D 1/14 7B60D 1/60**  
[25] EN  
[54] **TRAILER HITCH ASSEMBLY WITH MULTIPLE RECEIVERS**  
[54] **DISPOSITIF D'ATTELAGE DE REMORQUE DOTE DE PLUSIEURS POINTS DE RECEPTION**  
[72] MCCOY, RICHARD W., US  
[72] LINENDMANN, THOMAS W., US  
[71] REESE PRODUCTS, INC., US  
[22] 2000-10-27  
[43] 2001-04-28  
[30] US (60/162,052) 1999-10-28

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[21] **2,324,532**  
[13] A1

[51] **Int.Cl. 7H01R 13/629 7H01R 24/00**  
[25] EN  
[54] **COUPLING SYSTEM**  
[54] **SYSTEME DE COUPLAGE**  
[72] BURGUERA, ELIO C., ZZ  
[72] MEJIAS, OSWALDO, VE  
[72] ALCANTARA, FRANCISCO, VE  
[71] BURGUERA, ELIO C., VE  
[22] 2000-10-27  
[43] 2001-04-28  
[30] VE (2196/99) 1999-10-28

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[21] **2,324,534**  
[13] A1

[51] **Int.Cl. 7A61F 11/14**  
[25] EN  
[54] **EAR PROTECTOR WITH HEADBAND**  
[54] **PROTEGE-OREILLE AVEC BANDEAU**  
[72] HERZIG, HUGO, CH  
[71] ARTILUX-HERZIG AG, CH  
[22] 2000-10-27  
[43] 2001-04-28  
[30] DE (299 18 929.5) 1999-10-28

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[21] **2,324,538**  
[13] A1

[51] **Int.Cl. 7A61K 31/704 7A61P 1/04 7A61K 31/57 7A61K 35/78**  
[25] EN  
[54] **GASTRIC ACID SECRETION**  
[54] **SECRETION GASTRIQUE ACIDE**  
[72] HAKKINEN, JOHN, US  
[72] MAHARAJ, VINESH, ZA  
[72] HORAK, ROELOF MARTHINUS, ZA  
[71] PHYTOPHARM PLC, GB  
[22] 2000-10-26  
[43] 2001-04-27  
[30] GB (9925457.5) 1999-10-27

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[21] **2,324,539**  
[13] A1

[51] **Int.Cl. 7G02F 1/09**  
[25] EN  
[54] **OPTICAL ISOLATOR WITH A COMPACT DIMENSION**  
[54] **ISOLATEUR OPTIQUE COMPACT**  
[72] KITAMURA, ATSUSHI, JP  
[72] TAKAYAMA, AKIO, JP  
[72] INOUE, MITSUTERU, JP  
[72] FUJII, TOSHITAKA, JP  
[72] KATO, HIDEKI, JP  
[72] ADACHI, SHIGEYUKI, JP  
[71] MINEBEA CO., LTD., JP  
[22] 2000-10-26  
[43] 2001-04-27  
[30] JP (HEI 11-305961) 1999-10-27

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[21] **2,324,543**  
[13] A1

[51] **Int.Cl. 7G06F 17/30**  
[25] EN  
[54] **COMMON DATA MODEL INCLUDING FIELD INTERDEPENDENCIES**  
[54] **MODELE DE DONNEES COMMUNES, Y COMPRIS LES INTERDEPENDANCES ENTRE DES CHAMPS**  
[72] SIMSER, DAVID, CA  
[72] MACISAAC, BRIAN, CA  
[71] MITEL CORPORATION, CA  
[22] 2000-10-26  
[43] 2001-04-26  
[30] GB (9925175.3) 1999-10-26

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[21] **2,324,551**  
[13] A1

[51] **Int.Cl. 7A63F 13/00 7G07F 17/32**  
[25] EN  
[54] **GRAPHICAL CONTROL OF A TIME-BASED SET-UP FEATURE FOR A VIDEO GAME**  
[54] **COMMANDE GRAPHIQUE D'UNE FONCTION D'INSTALLATION TEMPORELLE POUR JEU VIDEO**  
[72] STEELE, CHRISTOPHER M., US  
[72] SUCHOCKI, EDWARD J., US  
[71] MIDWAY AMUSEMENT GAMES, LLC, US  
[22] 2000-10-27  
[43] 2001-04-28  
[30] US (09/428,355) 1999-10-28

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[21] **2,324,552**  
[13] A1

[51] **Int.Cl. 7G01N 27/64 7G01N 27/00 7F23G 5/50**  
[25] EN  
[54] **METHOD AND APPARATUS FOR LASER ANALYSIS OF DIOXINS**  
[54] **METHODE ET APPAREIL POUR L'ANALYSE DES DIOXINES A L'AIDE D'UN LASER**  
[72] TAKATSUDO, YASUHIRO, JP  
[72] FUTAMI, HIROSHI, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[22] 2000-10-26  
[43] 2001-04-26  
[30] JP (11-303438) 1999-10-26  
[30] JP (11-326444) 1999-11-17

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[21] **2,324,577**  
[13] A1

[51] **Int.Cl. 7A61M 29/00 7A61F 2/06**  
[25] EN  
[54] **RAPID EXCHANGE SELF-EXPANDING STENT DELIVERY CATHETER SYSTEM**  
[54] **SYSTEME DE CATHETER D'ACHEMINEMENT A TUTEUR AUTODEPLOYANT A CHANGEMENT DE CONFIGURATION RAPIDE**  
[72] HEALY, STEPHEN R., US  
[72] INDERBITZEN, MARK N., US  
[71] CORDIS CORPORATION, US  
[22] 2000-10-26  
[43] 2001-04-27  
[30] US (60/161,862) 1999-10-27  
[30] US (09/571,477) 2000-05-16

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[21] **2,324,589**  
[13] A1

[51] **Int.Cl. 7A63F 1/00 7A63F 9/24**  
[25] EN  
[54] **21 DRAW POKER GAME**  
[54] **JEU DE POKER - TIRAGE DE 21**  
[72] DEMAREST, PHILLIP W., US  
[71] DEMAREST, PHILLIP W., US  
[22] 2000-10-27  
[43] 2001-04-28  
[30] US (60/161,913) 1999-10-28  
[30] US (UNKNOWN) 2000-10-26

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[21] **2,324,619**  
[13] A1  
[51] **Int.Cl. 7F04D 29/10 7F04D 29/04**  
[25] EN  
[54] **VERTICAL PUMP WITH OIL LUBRICANT; C-SEAL FOR PUMP; AND PUMP WITH THREADED SHAFT POSITION ADJUSTMENT**  
[54] **POMPE VERTICALE AVEC LUBRIFIANT A L'HUILE; JOINT EN C POUR POMPE; ET POMPE AVEC DISPOSITIF DE POSITIONNEMENT D'AXE FILETE**  
[72] ROCKWOOD, ROBERT E., US  
[71] ENVIRONAMICS CORPORATION, US  
[22] 2000-10-26  
[43] 2001-04-27  
[30] US (09/427,692) 1999-10-27

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[21] **2,324,630**  
[13] A1  
[51] **Int.Cl. 7C07F 5/02 7C07F 9/00 7C07F 5/06 7H01M 10/26**  
[25] EN  
[54] **COMPLEX SALTS FOR USE IN ELECTROCHEMICAL CELLS**  
[54] **SELS COMPLEXES POUR UTILISATION DANS DES CELLULES ELECTROCHIMIQUES**  
[72] VAUGHAN, JULIAN, DE  
[72] WIEDERHOLT, HOLGER, DE  
[72] FRANZ, KLAUS-DIETER, DE  
[72] KUHNER, ANDREAS, DE  
[72] OESTEN, RUDIGER, DE  
[72] HEIDER, UDO, DE  
[72] SCHMIDT, MICHAEL, DE  
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE  
[22] 2000-10-26  
[43] 2001-04-28  
[30] DE (199 51 804.1) 1999-10-28

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[21] **2,324,632**  
[13] A1  
[51] **Int.Cl. 7B03B 5/06**  
[25] EN  
[54] **SOLIDS RAISED SCREENS**  
[54] **CREPINES SURELEVES POUR SOLIDES**  
[72] LILIE, GLENN T., US  
[72] AREHART, FRED B., US  
[71] CPI SALES & MFG., INC., US  
[22] 2000-10-26  
[43] 2001-04-27  
[30] US (09/427,797) 1999-10-27

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[21] **2,324,633**  
[13] A1  
[51] **Int.Cl. 7G06F 17/30 7G01M 17/00 7B60R 16/02**  
[25] EN  
[54] **METHOD AND APPARATUS FOR VEHICLE DATA TRANSFER OPTIMIZATION**  
[54] **METHODE ET APPAREIL POUR OPTIMISER LE TRANSFERT DES DONNEES DANS UN VEHICULE**  
[72] LAGUER-DIAZ, JUAN, US  
[72] PANDER, JAMES E., US  
[72] PURI, ASHISH, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2000-10-27  
[43] 2001-04-28  
[30] US (60/162,294) 1999-10-28  
[30] US (UNKNOWN) 2000-10-26

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[21] **2,324,676**  
[13] A1  
[51] **Int.Cl. 7G02F 1/09**  
[25] EN  
[54] **MAGNETO-OPTICAL MEMBER**  
[54] **ELEMENT MAGNETO-OPTIQUE**  
[72] ADACHI, SHIGEYUKI, JP  
[72] KITAMURA, ATSUSHI, JP  
[72] INOUE, MITSUTERU, JP  
[72] FUJII, TOSHITAKA, JP  
[72] TAKAYAMA, AKIO, JP  
[72] KATO, HIDEKI, JP  
[71] MINEBEA CO., LTD., JP  
[22] 2000-10-26  
[43] 2001-04-27  
[30] JP (11-305960) 1999-10-27  
[30] JP (2000-232020) 2000-07-31

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[21] **2,324,684**  
[13] A1  
[51] **Int.Cl. 7H04L 29/02 7H04L 12/56**  
[25] EN  
[54] **ATM CELL TRANSMISSION RATE CONTROL**  
[54] **REGULATION DU DEBIT DE TRANSMISSION D'UNE CELLULE ATM**  
[72] ROUTLIFFE, STEPHEN GUY, CA  
[71] MITEL CORPORATION, CA  
[22] 2000-10-26  
[43] 2001-04-27  
[30] GB (9925313.0) 1999-10-27

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[21] **2,324,689**  
[13] A1  
[51] **Int.Cl. 7C30B 33/00 7H01S 5/30**  
[25] EN  
[54] **METHOD AND APPARATUS FOR THE CONTROLLED OXIDATION OF MATERIALS**  
[54] **METHODE ET APPAREIL POUR L'OXYDATION REGULEE DE SUBSTANCES**  
[72] SALOMONSSON, FREDRIK, SE  
[72] CHITICA, NICOLAE PANTAZI, SE  
[72] RISBERG, ANITA, SE  
[71] MITEL SEMICONDUCTOR AB, SE  
[22] 2000-10-26  
[43] 2001-04-26  
[30] GB (9925176.1) 1999-10-26

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[21] **2,324,705**  
[13] A1  
[51] **Int.Cl. 7E21B 11/00**  
[25] EN  
[54] **DUAL CUTTING MILL**  
[54] **MACHINE DE FORAGE DOUBLE**  
[72] BOSWELL, BARRY, DE  
[72] HOLLAND, JIMMIE J., US  
[71] BAKER HUGHES INCORPORATED, US  
[22] 2000-10-27  
[43] 2001-04-27  
[30] US (09/427,816) 1999-10-27

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[21] **2,324,712**  
[13] A1  
[51] **Int.Cl. 7B61C 17/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ONBOARD LOCOMOTIVE FUEL USAGE INDICATOR**  
[54] **INDICATEUR DE BORD DONNANT LA CONSOMMATION DE CARBURANT D'UNE LOCOMOTIVE ET METHODE CONNEXE**  
[72] TILL, RONALD HERMAN, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2000-10-30  
[43] 2001-04-28  
[30] US (60/161,302) 1999-10-28

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[21] **2,324,733**  
[13] A1

[51] **Int.Cl. 7B60B 37/10**  
[25] EN  
[54] **EMBEDDED SINGLE BEARING WHEEL**  
[54] **ROUE ENCASTREE A UN PALIER**  
[72] ORR, KENNETH R., US  
[71] ORR, KENNETH R., US  
[22] 2000-10-26  
[43] 2001-04-26  
[30] US (60/161,576) 1999-10-26  
[30] US (09/651,237) 2000-08-30

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[21] **2,324,734**  
[13] A1

[51] **Int.Cl. 7B01D 27/10**  
[25] EN  
[54] **AN AUTOMATED OIL FILTER REPLACEMENT ASSEMBLY**  
[54] **ASSEMBLAGE AUTOMATISE DE REMPLACEMENT DU FILTRE A HUILE**  
[72] SPRIEGEL, ANDREW RAYMOND, US  
[72] BOGACKI, FRANK J., US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2000-10-26  
[43] 2001-04-28  
[30] US (09/428,360) 1999-10-28

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[21] **2,324,738**  
[13] A1

[51] **Int.Cl. 7B23Q 3/00**  
[25] EN  
[54] **FREE-FLOATING HYDRAULIC CLAMPING DEVICE USING EXPANDABLE ARBOR**  
[54] **DISPOSITIF DE FIXATION HYDRAULIQUE MOBILE UTILISANT UN MANDRIN EXTENSIBLE**  
[72] CHUPICK, CHARLES, US  
[71] CHUPICK, CHARLES, US  
[22] 2000-10-26  
[43] 2001-04-26  
[30] US (09/426,597) 1999-10-26

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[21] **2,324,739**  
[13] A1

[51] **Int.Cl. 7A01D 69/08**  
[25] EN  
[54] **AGRICULTURAL IMPLEMENT, IN PARTICULAR A MOWING MACHINE**  
[54] **MACHINE AGRICOLE, EN PARTICULIER UNE FAUCHEUSE**  
[72] WUBBELS, RICHARD, DE  
[71] MASCHINENFABRIK KEMPER GMBH & CO KG, DE  
[22] 2000-10-26  
[43] 2001-04-27  
[30] DE (199 51 644.8) 1999-10-27

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[21] **2,324,744**  
[13] A1

[51] **Int.Cl. 7B63H 1/04**  
[25] EN  
[54] **PORTABLE PADDLE ASSEMBLY FOR A WATERCRAFT**  
[54] **PAGAIE PORTATIVE POUR VEHICULE MARIN**  
[72] BROOKS, GRANT, CA  
[71] BROOKS, GRANT, CA  
[22] 2000-10-26  
[43] 2001-04-26  
[30] CA (2,287,594) 1999-10-26

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[21] **2,324,752**  
[13] A1

[51] **Int.Cl. 7B65B 51/10**  
[25] EN  
[54] **BAG FILLING AND SEALING MACHINE AND METHOD FOR HANDLING BAGS**  
[54] **REMP LISSEUSE ET SCELLEUSE DE SACS AINSI QUE TECHNIQUE DE MANUTENTION DE SACS**  
[72] GATES, GEORGE C., US  
[72] GATES, ROD S., US  
[71] GATES AUTOMATION, INC., US  
[22] 2000-10-27  
[43] 2001-04-27  
[30] US (60/161,772) 1999-10-27

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[21] **2,324,753**  
[13] A1

[51] **Int.Cl. 7A61J 7/04**  
[25] EN  
[54] **DEVICE INDICATOR OF THE TIME OF ADMINISTRATION OF MEDICINES OR SIMILAR**  
[54] **DISPOSITIF INDICATEUR DE L'HEURE D'ADMINISTRATION DE MEDICAMENTS OU DE SUBSTANCES SEMBLABLES**  
[72] CAPORELLI, AUGUSTO JOSE, AR  
[71] CAPORELLI, AUGUSTO JOSE, AR  
[22] 2000-10-27  
[43] 2001-04-27  
[30] AR (99 01 05430) 1999-10-27

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[21] **2,324,766**  
[13] A1

[51] **Int.Cl. 7E21B 10/08 7F16J 15/16**  
[25] EN  
[54] **ROCK BIT SEAL WITH MULTIPLE DYNAMIC SEAL SURFACE ELEMENTS**  
[54] **JOINT D'ETANCHEITE DE TREPAN A MOLETTES AVEC DE MULTIPLES FACETTES DE JOINT D'ETANCHEITE DYNAMIQUE**  
[72] FANG, ZHIGANG, US  
[72] CAWTHORNE, CHRIS, US  
[72] HUANG, SUJIAN, US  
[72] MOURIK, NEPHI M., US  
[71] SMITH INTERNATIONAL INC., US  
[22] 2000-10-27  
[43] 2001-04-28  
[30] US (09/428,878) 1999-10-28

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[21] **2,324,782**  
[13] A1

[51] **Int.Cl. 7C21B 11/00 7F27B 1/16**  
[25] EN  
[54] **A DIRECT SMELTING APPARATUS AND PROCESS**  
[54] **APPAREIL ET PROCEDE DE FUSION DIRECTE**  
[72] DRY, RODNEY JAMES, AU  
[71] TECHNOLOGICAL RESOURCES PTY. LTD., AU  
[22] 2000-10-25  
[43] 2001-04-26  
[30] AU (PQ3657) 1999-10-26

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[21] **2,324,789**  
[13] A1

[51] **Int.Cl. 7B27B 17/00**  
[25] EN  
[54] **CHAINSAW GUIDE BAR WITH LIQUID CHANNELS**  
[54] **GUIDE-CHA~NE DE SCIE A CHA~NE AVEC CONDUITS DE LIQUIDE**  
[72] FORSBERG, KARL-ERIK, US  
[72] PETTERSSON, KARL-OLOV, US  
[71] KAPMAN AB, SE  
[22] 2000-10-25  
[43] 2001-04-28  
[30] SE (9903889-5) 1999-10-28

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[21] **2,324,790**  
[13] A1

[51] **Int.Cl. 7H04L 7/00 7H04N 7/10**  
[25] EN  
[54] **REAL TIME DEVICE POLLING FOR MULTIPLEXED TRANSMISSION**  
[54] **INTERROGATION DE DISPOSITIFS EN TEMPS REEL POUR EMISSION MULTIPLEXEE**  
[72] MOORE, THOMAS E., US  
[72] SUNDELIN, ANDREW W., US  
[72] WEAVER, JEFF, US  
[71] CABLE TELEVISION LABORATORIES, INC., US  
[22] 2000-10-25  
[43] 2001-04-26  
[30] US (09/426,969) 1999-10-26

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[21] **2,324,894**  
[13] A1

[51] **Int.Cl. 7G01B 11/00 7G01V 8/00 7G01B 11/14 7G01B 11/26**  
[25] EN  
[54] **SYSTEM FOR DETERMINING SPATIAL POSITION AND/OR ORIENTATION OF ONE OR MORE OBJECTS**  
[54] **SYSTEME POUR DETERMINER LA POSITION OU L'ORIENTATION SPATIALE D'UN OU DE PLUSIEURS OBJETS**  
[72] KIRSCH, STEFAN, CH  
[72] FRANTZ, DONALD DIETER, CA  
[72] SCHILLING, CHRISTIAN, CH  
[72] LEIS, STEPHEN ELDON, CA  
[71] NORTHERN DIGITAL INC., CA  
[71] MEDNETIX AG, CH  
[22] 2000-10-25  
[43] 2001-04-28  
[30] US (09/428,834) 1999-10-28

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[21] **2,325,033**  
[13] A1

[51] **Int.Cl. 7A61K 31/7004 7A61P 43/00 7A61K 31/194**  
[25] EN  
[54] **USE OF RIBOSE TO TREAT FIBROMYALGIA**  
[54] **UTILISATION DU RIBOSE POUR TRAITER LA FIBROMYALGIE**  
[72] MACCARTER, DEAN J., US  
[72] BUTLER, TERRI L., US  
[72] MACCARTER, DARYL K., US  
[71] BIOENERGY INC., US  
[22] 2000-10-27  
[43] 2001-04-27  
[30] US (60/161,841) 1999-10-27

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[21] **2,325,065**  
[13] A1

[51] **Int.Cl. 7H04N 7/64 7H03M 13/00 7H04N 7/15**  
[25] EN  
[54] **PICTURE CODING AND DECODING APPARATUS WITH LESS TRANSMISSION AMOUNT**  
[54] **APPAREIL DE CODAGE ET DE DECODAGE D'UNE IMAGE NECESSITANT MOINS DE TRANSMISSION**  
[72] MIYAZAKI, TAKASHI, JP  
[71] NEC CORPORATION, JP  
[22] 2000-10-27  
[43] 2001-04-28  
[30] JP (306199/1999) 1999-10-28

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[21] **2,332,747**  
[13] A1

[51] **Int.Cl. 7A61F 2/48**  
[25] EN  
[54] **ULTRASONIC PROSTHESIS CONTROL SYSTEM**  
[54] **SYSTEME DE COMMANDE DE PROTHESE PAR ULTRASONS**  
[72] VDOVENKOV, ILIA, CA  
[71] VDOVENKOV, ILIA, CA  
[22] 2001-01-31  
[43] 2001-04-27

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[13] A1  
[51] Int.Cl. 7C07D 307/87 7A61P 25/24  
7A61K 31/343 7C07C 255/56 7C07C 309/  
63  
[25] EN  
[54] METHOD FOR THE  
PREPARATION OF CITALOPRAM  
[54] METHODE DE PREPARATION DE  
LA CITALOPRAM  
[72] ELLEGAARD, PETER, DK  
[72] PETERSEN, HANS, DK  
[72] ROCK, MICHAEL HAROLD, DK  
[71] H. LUNDBECK A/S, DK  
[85] 1999-11-24  
[86] 1999-10-25 (PCT/DK99/00581)  
[87] 2001-04-25 ()

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[21] **2,332,086**  
[13] A1  
[51] Int.Cl. 7A01K 61/00  
[25] EN  
[54] METHOD AND APPARATUS FOR  
SUPPORTING AQUACULTURED  
MUSSELS  
[54] METHODE ET APPAREIL POUR  
SUPPORTER UNE AQUACULTURE DE  
MOULES  
[72] JEFFERDS, IAN W., US  
[71] PENN COVE SHELLFISH, LLC, US  
[85] 2001-02-13  
[86] 2000-09-28 (PCT/US00/26801)  
[87] 2001-04-26 ()  
[30] US (60/157,255) 1999-10-01

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[21] **2,334,958**  
[13] A1  
[51] Int.Cl. 7C07K 7/08 7C07H 21/00  
7A61P 35/00 7A61K 38/10  
[25] EN  
[54] PEPTIDE MIMICS USEFUL FOR  
TREATING DISEASE  
[54] MIMETIQUES PEPTIDIQUES  
UTILISABLES POUR TRAITER DES  
MALADIES  
[72] FERRONE, SOLDANO, US  
[71] NEW YORK MEDICAL COLLEGE,  
US  
[85] 2000-06-23  
[86] 1998-12-24 (PCT/US98/27633)  
[87] 2000-07-06 (WO00/38515)

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[21] **2,314,432**  
[13] A1  
[51] Int.Cl. 7G01M 13/00 7A61B 17/00  
7G01B 21/04  
[25] EN  
[54] DEVICE FOR GAUGING AND  
VERIFYING THE PRECISION OF  
SURGICAL INSTRUMENTS  
[54] DISPOSITIF POUR MESURER ET  
VERIFIER LA PRECISION D'UN  
INSTRUMENT CHIRURGICAL  
[72] SCHERRER, JOSE L., CH  
[72] FORRER, RUTH, CH  
[71] SYNTHES (U.S.A.), US  
[85] 2000-07-24  
[86] 1998-01-27 (PCT/CH98/00030)  
[87] 1999-07-29 (WO99/37232)

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[21] **2,334,957**  
[13] A1  
[51] Int.Cl. 7C12Q 1/68  
[25] EN  
[54] GENOTYPING HUMAN UDP-  
GLUCURONOSYLTRANSFERASE 2B4  
(UGT2B4), 2B7 (UGT2B7) AND 2B15  
(UGT2B15) GENES  
[54] ETABLISSEMENT DU GENOTYPE  
DE GENES HUMAINS DE L'UDP-  
GLUCORONOSYL-TRANSFERASE 2B4  
(UGT2B4), 2B7 (UGT2B7) ET 2B15  
(UGT2B15)  
[72] GALVIN, MARGARET, US  
[72] MILLER, ANDREW, US  
[72] RIEDY, MICHAEL, US  
[72] PENNY, LAURA, US  
[71] AXYS PHARMACEUTICALS, INC.,  
US  
[85] 2001-01-18  
[86] 1999-07-22 (PCT/US99/16675)  
[87] 2000-02-10 (WO00/06776)  
[30] US (60/094,391) 1998-07-28

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[21] **2,335,090**  
[13] A1  
[51] Int.Cl. 7C12N 15/13 7A01K 67/027  
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7G01N 33/68 7C12Q 1/68 7A61K 31/70  
7C12N 15/70 7C12N 15/85  
[25] EN  
[54] IMMUNOLOGICAL REAGENT  
SPECIFICALLY INTERACTING WITH  
THE EXTRACELLULAR DOMAIN OF  
THE HUMAN ZETA CHAIN  
[54] REACTIF IMMUNOLOGIQUE  
CAPABLE D'INTERAGIR  
SPECIFIQUEMENT AVEC LE  
DOMAINE EXTRACELLULAIRE DE LA  
CHAINE ZETA HUMAINE  
[72] REITER, CHRISTIAN, DE  
[71] CONNEX GMBH, DE  
[85] 2001-01-09  
[86] 1999-07-09 (PCT/EP99/04838)  
[87] 2000-01-20 (WO00/03016)  
[30] EP (98112867.1) 1998-07-10



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[13] A1

[51] **Int.Cl. 7C12N 15/57 7C12N 5/10 7C12N 1/19 7C12N 1/21 7C12Q 1/37 7A61K 38/48 7C12N 9/64**  
[25] EN  
[54] **NEW CASPASE HOMOLOGUE**  
[54] **NOUVEL HOMOLOGUE DE CASPASE**  
[72] VANDENABEELE, PETER, BE  
[72] FIERS, WALTER, BE  
[72] DECLERCQ, WIM, BE  
[72] VAN DE CRAEN, MARC, BE  
[71] VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOLOGIE VZW, BE  
[85] 2001-01-16  
[86] 1999-07-12 (PCT/EP99/04939)  
[87] 2000-01-27 (WO00/04169)  
[30] EP (98202422.6) 1998-07-17

[21] **2,335,102**  
[13] A1

[51] **Int.Cl. 7C07K 14/02**  
[25] EN  
[54] **BENZODIAZEPINES AND BENZOTHIAZEPINES DERIVATIVES AND HBSAG PEPTIDES BINDING TO ANNEXINS, THEIR COMPOSITIONS AND USE**  
[54] **DERIVES DE BENZODIAZEPINES ET DE BENZOTHIAZEPINES, ET PEPTIDES HBSAG SE LIANT AUX ANNEXINES: COMPOSITIONS ET UTILISATIONS**  
[72] MAERTENS, GEERT, BE  
[72] MOEREELS, HENRI, BE  
[72] DEPLA, ERIK, BE  
[71] INNOGENETICS N.V., BE  
[85] 2001-01-18  
[86] 1999-08-25 (PCT/EP99/06231)  
[87] 2000-03-09 (WO00/12547)  
[30] EP (98870186.8) 1998-09-01  
[30] EP (99870062.9) 1999-03-29

[21] **2,335,105**  
[13] A1

[51] **Int.Cl. 7A61K 47/48 7A61K 48/00 7C07K 19/00 7C12N 15/19 7C12N 15/29 7C12N 15/31 7C07K 14/415 7C07K 14/52 7C12N 15/62**  
[25] EN  
[54] **CONJUGATES FOR TREATING INFLAMMATORY DISORDERS AND ASSOCIATED TISSUE DAMAGE**  
[54] **TRAITEMENT DE DEGATS TISSULAIRES SECONDAIRES, ETATS INFLAMMATOIRES ET AUTRES TROUBLES, ET COMPOSITIONS A CET EFFET**  
[72] MCDONALD, JOHN R., CA  
[72] COGGINS, PHILIP J., CA  
[71] OSPREY PHARMACEUTICALS LIMITED, CA  
[85] 2001-01-18  
[86] 1999-07-21 (PCT/CA99/00659)  
[87] 2000-02-03 (WO00/04926)  
[30] US (09/120,523) 1998-07-22

[21] **2,335,107**  
[13] A1

[51] **Int.Cl. 7G01N 33/50 7A61P 37/00 7A61K 38/19 7A61K 38/22 7A61K 31/35 7C12Q 1/68**  
[25] EN  
[54] **LEPTIN-MEDIATED GENE-INDUCTION**  
[54] **INDUCTION DE GENES A MEDIATION PAR LA LEPTINE**  
[72] WAELPUT, WIM, BE  
[72] TAVERNIER, JAN, BE  
[72] BROEKAERT, DANIEL, BE  
[72] VANDEKERCKHOVE, JOEL STEFAAN, BE  
[72] VERHEE, ANNICK, BE  
[71] VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOLOGIE VZW, BE  
[85] 2001-01-22  
[86] 1999-07-27 (PCT/EP99/05489)  
[87] 2000-02-10 (WO00/07014)  
[30] EP (98202524.9) 1998-07-28

[21] **2,335,228**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 48/00 7C12N 5/10 7C07K 16/18 7A61K 38/47 7C07K 14/47 7A61K 7/48 7G01N 33/50 7C12N 15/62 7C12Q 1/68 7C12N 15/86**  
[25] EN  
[54] **HUMAN EPIDERMAL PROTEINS HEPI-1 TO HEPI-6**  
[54] **PROTEINES EPIDERMiques HUMAINES HEPI-1 A HEPI-6**  
[72] LAL, PREETI, US  
[72] YUE, HENRY, US  
[72] TANG Y., TOM, US  
[72] GUEGLER, KARL J., US  
[72] PATTERSON, CHANDRA, US  
[72] BAUGHN, MARIAH R., US  
[72] CORLEY, NEIL C., US  
[71] INCYTE PHARMACEUTICALS, INC., US  
[85] 2001-01-22  
[86] 1999-07-27 (PCT/US99/17107)  
[87] 2000-02-10 (WO00/06727)  
[30] US (60/155,203) 1998-07-28  
[30] US (60/155,254) 1998-12-07

[21] **2,335,394**  
[13] A1

[51] **Int.Cl. 7C07K 7/56 7C07K 7/08 7A61K 38/10 7A61K 38/12**  
[25] EN  
[54] **AEROTHICIN ANALOGS, THEIR PREPARATION AND USE**  
[54] **ANALOGUES D'AEROTHICINE, PREPARATION ET APPLICATIONS**  
[72] MASUBUCHI, KAZUNAO, JP  
[72] SAKAITANI, MASAHIRO, JP  
[72] OKADA, TAKEHIRO, JP  
[72] AOKI, MASAHIRO, JP  
[72] KOHCHI, MASAMI, JP  
[72] OHKUMA, HIROAKI, JP  
[72] MURATA, TAKESHI, JP  
[72] MIZUGUCHI, EISAKU, JP  
[72] WATANABE, TAKAHIDE, JP  
[72] SHIMMA, NOBUO, JP  
[72] YASUDA, YURI, JP  
[72] YANAGISAWA, MIEKO, JP  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2001-01-19  
[86] 1999-07-22 (PCT/EP99/05235)  
[87] 2000-02-03 (WO00/05251)  
[30] EP (98113744.1) 1998-07-23  
[30] EP (99107637.3) 1999-04-16

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[21] **2,336,218**  
[13] A1  
[51] **Int.Cl. 7C12N 15/12 7A61K 48/00 7A61K 38/18 7C07K 16/22 7C07K 14/475 7G01N 33/50 7G01N 33/53 7G01N 33/68 7C12Q 1/68**  
[25] EN  
[54] **NEUROTROPHIC FACTORS**  
[54] **FACTEURS NEUROTROPHIQUES**  
[72] JOHANSEN, TEIT E., DK  
[72] HANSEN, CLAUD, DK  
[72] BLOM, NIKOLAJ, DK  
[71] NSGENE A/S, DK  
[85] 2001-01-04  
[86] 1999-07-05 (PCT/DK99/00384)  
[87] 2000-01-13 (WO00/01815)  
[30] DK (1998 00904) 1998-07-06  
[30] US (60/092,229) 1998-07-09  
[30] DK (1998 01048) 1998-08-19  
[30] US (60/097,774) 1998-08-25  
[30] DK (1998 01265) 1998-10-06  
[30] US (60/103,908) 1998-10-13  
[30] US (09/347,613) 1999-07-02

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[21] **2,336,219**  
[13] A1  
[51] **Int.Cl. 6C12N 15/12 6A01K 67/027 6C07K 16/28 6G01N 33/50 6C07K 14/705**  
[25] EN  
[54] **IDENTIFICATION AND CHARACTERIZATION OF MULTIPLE SPLICE VARIANTS OF THE KAPPA3-RELATED OPIOID RECEPTOR (KOR-3) GENE**  
[54] **IDENTIFICATION ET CARACTERISATION DE MULTIPLES VARIANTS D'EPISSURE DU GENE RECEPTEUR OPIOIDE KAPPA3 (KOR-3)**  
[72] PASTERNAK, GAVRIL, US  
[72] PAN, YING-XIAN, US  
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US  
[85] 2001-01-16  
[86] 1999-07-15 (PCT/US99/15977)  
[87] 2000-01-27 (WO00/04151)  
[30] US (60/093,002) 1998-07-16

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[21] **2,336,220**  
[13] A1  
[51] **Int.Cl. 7C12N 5/02 7C12N 5/06**  
[25] EN  
[54] **METHOD FOR MAINTENANCE AND PROPAGATION OF GERMLINE STEM CELLS USING MEMBERS OF THE TGF-.BETA. FAMILY OF GROWTH FACTORS**  
[54] **PROCEDE DE PRESERVATION ET DE REPRODUCTION DE CELLULES SOUCHES DE GERME A L'AIDE DE MEMBRES DE LA FAMILLE TGF-.BETA. DES FACTEURS DE CROISSANCE**  
[72] SPRADLING, ALLAN C., US  
[72] XIE, TING, US  
[71] THE CARNEGIE INSTITUTION OF WASHINGTON, US  
[85] 2001-01-17  
[86] 1999-07-23 (PCT/US99/16633)  
[87] 2000-02-03 (WO00/05344)  
[30] US (60/094,008) 1998-07-24

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[21] **2,336,221**  
[13] A1  
[51] **Int.Cl. 7C12N 15/12 7G01N 33/68 7C07K 14/705**  
[25] EN  
[54] **HUMAN NEURONAL ACID-SENSITIVE CATIONIC CHANNELS, ITS CLONING AND APPLICATIONS**  
[54] **FAMILLES HUMAINES ET MURINES DE CANAUX CATIONIQUES NEURONAUX ACIDO-SENSIBLES; CLONAGE ET UTILISATIONS**  
[72] BASSILANA, FREDERIC, FR  
[72] WALDMANN, RAINER, FR  
[72] DE WEILLE, JAN R., FR  
[72] LAZDUNSKI, MICHEL, FR  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE-CNRS, FR  
[85] 2001-01-18  
[86] 1999-08-05 (PCT/IB99/01445)  
[87] 2000-02-17 (WO00/08149)  
[30] US (60/095,408) 1998-08-05

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[21] **2,336,222**  
[13] A1  
[51] **Int.Cl. 7C12N 15/12 7C07K 16/18 7C07K 14/435 7G01N 33/53 7G01N 33/532 7G01N 33/577 7C12Q 1/68**  
[25] EN  
[54] **SEROLOGICAL DIAGNOSIS OF PROTOSTRONGYLIDAE INFECTIONS AND IDENTIFICATION OF UNIQUE ANTIGENS**  
[54] **DIAGNOSTIC SEROLOGIQUE D'INFECTIONS DUES AU PROTOSTRONGYLIDAE, ET IDENTIFICATION D'ANTIGENES UNIQUES**  
[72] OGUNREMI, OLADELE, CA  
[72] GAJADHAR, ALVIN, CA  
[71] HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE CANADIAN, CA  
[85] 2001-01-22  
[86] 1999-07-23 (PCT/CA99/00663)  
[87] 2000-02-10 (WO00/06721)  
[30] US (60/094,117) 1998-07-24  
[30] US (60/094,064) 1998-07-24

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[21] **2,336,236**  
[13] A1  
[51] **Int.Cl. 6C12Q 1/68 6C07K 5/00 6C12N 15/00 6C07H 21/04 6C12P 19/34**  
[25] EN  
[54] **MUTATIONS IN AND GENOMIC STRUCTURE OF HERG - A LONG QT SYNDROME GENE**  
[54] **MUTATIONS DU GENE HERG DU SYNDROME DE QT LONG ET SA STRUCTURE GENOMIQUE**  
[72] SPLAWSKI, IGOR, US  
[72] KEATING, MARK T., US  
[71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US  
[85] 2001-01-25  
[86] 1999-07-20 (PCT/US99/16337)  
[87] 2000-02-10 (WO00/06772)  
[30] US (09/122,847) 1998-07-27  
[30] US (09/226,012) 1999-01-06

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[21] **2,336,238**  
[13] A1

[51] **Int.Cl. 7C07K 5/00 7A61K 38/00 7C07K 7/00 7C07K 16/00 7G01N 33/53**  
[25] EN  
[54] **SYNTHETIC PEPTIDES AND METHODS OF USE FOR AUTOIMMUNE DISEASE THERAPIES**  
[54] **PEPTIDES SYNTHETIQUES ET PROCEDES D'UTILISATION DE CEUX-CI DANS DES THERAPIES DE MALADIES AUTO-IMMUNES**  
[72] FRIDKIS-HARELI, MASHA, US  
[72] STROMINGER, JACK L., US  
[71] THE PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US  
[85] 2001-01-23  
[86] 1999-07-22 (PCT/US99/16617)  
[87] 2000-02-03 (WO00/05249)  
[30] US (60/093,859) 1998-07-23  
[30] US (60/123,675) 1999-03-09

[21] **2,336,249**  
[13] A1

[51] **Int.Cl. 7C12N 15/82 7A01H 1/00 7C12N 9/26**  
[25] EN  
[54] **A NOVEL PLASTID-TARGETING NUCLEIC ACID SEQUENCE, A NOVEL BETA-AMYLASE SEQUENCE, A STIMULUS-RESPONSIVE PROMOTER AND USES THEREOF**  
[54] **NOUVELLE SEQUENCE D'ACIDE NUCLEIQUE DE CIBLAGE PLASTIDIAL, SEQUENCE DE .BETA.-AMYLASE, PROMOTEUR RECEPTEUR REAGISSANT AUX STIMULI ET LEURS UTILISATIONS**  
[72] KAVANAGH, THOMAS ANTHONY, IE  
[72] LAO, NGA THI, IE  
[71] ADVANCED TECHNOLOGIES (CAMBRIDGE) LIMITED, GB  
[85] 2001-01-23  
[86] 1999-08-13 (PCT/GB99/02697)  
[87] 2000-03-02 (WO00/11144)  
[30] GB (9817959.1) 1998-08-19  
[30] GB (9817963.3) 1998-08-19  
[30] GB (9913014.8) 1999-06-05

[21] **2,336,250**  
[13] A1

[51] **Int.Cl. 7C07K 16/28 7A61K 39/395 7G01N 33/53**  
[25] EN  
[54] **ANTI-CRR2 ANTIBODIES AND METHODS OF USE THEREFOR**  
[54] **ANTICORPS ANTI-CCR2 ET PROCEDES D'UTILISATION CORRESPONDANTS**  
[72] LAROSA, GREGORY J., US  
[72] NEWMAN, WALTER, US  
[72] HORVATH, CHRISTOPHER, US  
[71] MILLENNIUM PHARMACEUTICALS, INC., US  
[85] 2001-01-23  
[86] 1999-07-22 (PCT/US99/16452)  
[87] 2000-02-03 (WO00/05265)  
[30] US (09/121,781) 1998-07-23

[21] **2,336,367**  
[13] A1

[51] **Int.Cl. 6B67D 1/10 6B01F 3/04**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONTROLLING A PUMP**  
[54] **PROCEDE ET APPAREIL DE COMMANDE DE POMPE**  
[72] BEWLEY, MARK E., US  
[72] SIMMONS, DARREN W., US  
[71] LANCER PARTNERSHIP, LTD., US  
[85] 2000-12-29  
[86] 1999-07-08 (PCT/US99/15404)  
[87] 2000-01-20 (WO00/02641)  
[30] US (09/112,576) 1998-07-09

[21] **2,336,467**  
[13] A1

[51] **Int.Cl. 7G03F 7/00**  
[25] EN  
[54] **METHOD OF MAKING OPTICAL REPLICAS BY STAMPING IN PHOTORESIST AND REPLICAS FORMED THEREBY**  
[54] **PROCEDE DE PRODUCTION DE REPLIQUES OPTIQUES PAR PRESSAGE DANS UNE PHOTORESINE ET REPLIQUES FORMEES PAR CE PROCEDE**  
[72] SULESKI, THOMAS J., US  
[71] DIGITAL OPTICS CORPORATION, US  
[85] 2001-01-02  
[86] 1999-06-30 (PCT/US99/14792)  
[87] 2000-01-13 (WO00/02089)  
[30] US (09/109,914) 1998-07-02

[21] **2,336,706**  
[13] A1

[51] **Int.Cl. 7C12N 15/82**  
[25] EN  
[54] **BENDING AND/OR LEANING-INDUCED PLANT PROMOTER**  
[54] **PROMOTEUR DE VEGETAL INDUIT PAR FLEXION OU INCLINAISON**  
[72] CHEN, CUIYING, BE  
[72] BOERJAN, WOUT, BE  
[71] VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOLOGIE VZW, BE  
[85] 2001-01-26  
[86] 1999-07-27 (PCT/EP99/05490)  
[87] 2000-02-10 (WO00/06752)  
[30] EP (98202518.1) 1998-07-27

[21] **2,336,707**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C12N 5/10 7C07K 14/47 7G01N 33/50 7C12Q 1/68**  
[25] EN  
[54] **XIAP IRES AND USES THEREOF**  
[54] **SEQUENCE IRES DU GENE XIAP ET SES UTILISATIONS**  
[72] KORNELUK, ROBERT G., CA  
[72] LISTON, PETER, CA  
[72] HOLCIK, MARTIN, CA  
[71] UNIVERSITY OF OTTAWA, CA  
[85] 2001-01-24  
[86] 1999-07-22 (PCT/IB99/01415)  
[87] 2000-02-03 (WO00/05366)  
[30] US (09/121,979) 1998-07-24  
[30] US (09/332,319) 1999-06-14

[21] **2,336,708**  
[13] A1

[51] **Int.Cl. 7C12N 15/31 7A61K 48/00 7A61K 39/02 7C07K 16/12 7C07K 14/295 7G01N 33/53 7G01N 33/543 7G01N 33/569 7C12N 15/62 7C12Q 1/68**  
[25] EN  
[54] **CHLAMYDIA ANTIGENS AND CORRESPONDING DNA FRAGMENTS AND USES THEREOF**  
[54] **ANTIGENES DE CHLAMYDIA ET FRAGMENTS D'ADN CORRESPONDANTS, ET UTILISATIONS DE CEUX-CI**  
[72] OOMEN, RAYMOND P., CA  
[72] MURDIN, ANDREW D., CA  
[71] CONNAUGHT LABORATORIES LIMITED, CA  
[85] 2001-01-26  
[86] 1999-07-27 (PCT/IB99/01329)  
[87] 2000-02-10 (WO00/06740)  
[30] US (60/094,191) 1998-07-27  
[30] US (09/361,040) 1999-07-26

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[21] **2,337,093**  
[13] A1

[51] **Int.Cl. 6A01H 1/00 6A01H 5/00 6C07K 1/00 6C12N 15/00 6C12N 5/04 6C12N 15/10 6C12N 15/11 6C12N 15/29 6C12N 15/52 6C12N 15/63 6C12N 15/66 6C12N 15/67 6C12N 15/82 6C12N 15/84**

[25] EN

[54] **RECEPTOR-LIKE PROTEIN KINASE, RKN, AND METHODS OF USE FOR INCREASING GROWTH AND YIELD IN PLANTS**

[54] **PROTEINE KINASE DU TYPE RECEPTEUR (RKN), TECHNIQUE D'UTILISATION DE LA RKN POUR RENFORCER LA CROISSANCE DE PLANTES ET ACCROITRE LEUR RENDEMENT**

[72] ZHONG, JINGPING, US  
[72] LAMB, CHRISTOPHER J., US  
[72] ZHU, QUN, US  
[71] THE SALK INSTITUTE FOR BIOLOGICAL STUDIES, US

[85] 2001-01-26  
[86] 1999-07-21 (PCT/US99/16639)  
[87] 2000-02-03 (WO00/04761)  
[30] US (09/120,855) 1998-07-21

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[21] **2,337,096**  
[13] A1

[51] **Int.Cl. 6C12N 15/29 6A01G 1/00 6C12N 15/00 6C07H 21/02 6A01H 1/04 6C07H 21/04 6C12P 21/06 6A01H 5/10 6C12N 15/10 6C07K 16/16 6C07K 14/415 6C12N 15/63 6C12N 15/84**

[25] EN

[54] **CONSTITUTIVE DISEASE RESISTANCE GENE (CDR1), AND METHODS OF USE THEREOF**

[54] **GENE DE RESISTANCE ACQUISE AUX MALADIES (CDR1) ET SES METHODES D'UTILISATION**

[72] LAMB, CHRISTOPHER, GB  
[72] XIA, YIJI, US  
[72] DIXON, RICHARD A., US  
[71] THE SALK INSTITUTE FOR BIOLOGICAL STUDIES, US

[85] 2001-01-29  
[86] 1999-07-14 (PCT/US99/12374)  
[87] 2000-01-27 (WO00/04040)  
[30] US (60/092,696) 1998-07-14

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[21] **2,337,099**  
[13] A1

[51] **Int.Cl. 7C12N 15/53 7C12N 9/02 7C12N 9/10 7C12N 15/54 7C12N 15/62 7C12N 15/82**

[25] EN

[54] **ENZYMES FOR BIOPOLYMER PRODUCTION**

[54] **ENZYMES POUR LA PRODUCTION DE BIOPOLYMERES**

[72] PEOPLES, OLIVER P., US  
[72] HUISMAN, GJALT W., US  
[72] MADISON, LARA, US  
[71] METABOLIX, INC., US

[85] 2001-01-30  
[86] 1999-07-30 (PCT/US99/17452)  
[87] 2000-02-10 (WO00/06747)  
[30] US (60/094,674) 1998-07-30

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[21] **2,337,865**  
[13] A1

[51] **Int.Cl. 6F01N 3/20 6F02D 45/00 6F01N 9/00 6F02D 41/14 6F01N 3/24**

[25] EN

[54] **METHOD OF JUDGING DETERIORATION OF EMISSION GAS CONTROL CATALYST DEVICE**

[54] **PROCEDE D'APPRECIATION DES DETERIORATIONS D'UN DISPOSITIF CATALYSEUR POUR LA REGULATION DES GAZ D'EMISSION**

[72] AKAZAKI, SHUSUKE, JP  
[72] YASUI, YUJI, JP  
[72] UENO, MASAKI, JP  
[72] SATOH, TADASHI, JP  
[72] IWAKI, YOSHIHISA, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP

[85] 2001-01-16  
[86] 1999-07-05 (PCT/JP99/03621)  
[87] 2000-01-27 (WO00/04282)  
[30] JP (10/202579) 1998-07-17

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[21] **2,337,866**  
[13] A1

[51] **Int.Cl. 7H04Q 7/36**

[25] EN

[54] **METHOD, EXCHANGE, TELECOMMUNICATION SYSTEM AND MOBILE STATION FOR TEMPORARY SELECTIVE NATIONAL ROAMING AT PREDETERMINED NETWORK OPERATION CONDITIONS IN A MOBILE RADIO COMMUNICATION SYSTEM**

[54] **PROCEDE, CENTRAL, SYSTEME DE TELECOMMUNICATION ET STATION MOBILE PERMETTANT UNE ITINERANCE NATIONALE SELECTIVE TEMPORAIRE, DANS DES CONDITIONS DE FONCTIONNEMENT DE RESEAU DETERMINEES, DANS UN SYSTEME DE RADIOCOMMUNICATION MOBILE**

[72] SALMINEN, REIJO, DE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE

[85] 2001-01-16  
[86] 1999-07-29 (PCT/EP99/05441)  
[87] 2000-02-17 (WO00/08884)  
[30] DE (198 34 674.3) 1998-07-31

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[21] **2,337,867**  
[13] A1

[51] **Int.Cl. 7A47K 10/42**

[25] EN

[54] **STACKED WET WIPES HAVING ANTI EVAPORATION LAYERS**

[54] **LINGETTES HUMIDES EMPILEES COMPORTANT DES COUCHES ANTI-EVAPORATION**

[72] PUCCI, MAURIZIO, IT  
[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2001-01-16  
[86] 1999-08-03 (PCT/US99/17556)  
[87] 2000-02-17 (WO00/07490)  
[30] EP (98114513.9) 1998-08-03

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[21] **2,337,868**  
[13] A1

[51] **Int.Cl. 7C08G 59/32 7C08G 59/40 7C08G 59/42**  
[25] EN  
[54] **A POLYMERIC PIGMENT DISPERSANT HAVING AN ACRYLIC BACKBONE, POLYESTER SIDE CHAINS, CYCLIC IMIDE GROUPS AND QUATERNARY AMMONIUM GROUPS**  
[54] **AGENT DISPERSANT PIGMENTE POLYMERIQUE A SQUELETTE ACRYLIQUE, AVEC CHAINES LATERALES DE POLYESTER, CONTENANT DES GROUPES AMINE CYCLIQUES ET DES GROUPES AMMONIUM QUATERNAIRES**  
[72] SIMMS, JOHN A., US  
[72] SORSER, ALEKSANDR, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2001-01-16  
[86] 1999-09-01 (PCT/US99/19979)  
[87] 2000-03-09 (WO00/12582)  
[30] US (09/145,656) 1998-09-02

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[21] **2,337,869**  
[13] A1

[51] **Int.Cl. 7A61K 51/12 7A61K 49/00**  
[25] EN  
[54] **METHOD FOR LABELING BIOPOLYMERS USING ISOTOPES**  
[54] **TECHNIQUE DE MARQUAGE ISOTOPIQUE DE BIOPOLYMERES**  
[72] HEUMANN, HERMANN, DE  
[71] SILANTES GMBH, DE  
[85] 2001-01-16  
[86] 1999-08-21 (PCT/EP99/06154)  
[87] 2000-03-09 (WO00/12140)  
[30] DE (198 39 491.8) 1998-08-29

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[21] **2,337,870**  
[13] A1

[51] **Int.Cl. 7B01J 27/188 7C07C 51/215**  
[25] EN  
[54] **WELLS-DAWSON TYPE HETEROPOLYACIDS, THEIR PREPARATION AND USE AS OXIDATION CATALYSTS**  
[54] **HETEROPOLYACIDES DU TYPE WELLS-DAWSON, LEUR PREPARATION ET LEUR UTILISATION EN TANT QUE CATALYSEURS D'OXYDATION**  
[72] LYONS, JAMES E., US  
[72] ELLIS, PAUL E., JR., US  
[72] WIJESKERA, TILAK P., US  
[71] ROHM AND HAAS COMPANY, US  
[71] SUNOCO, INC. (R&M), US  
[85] 2001-01-16  
[86] 1999-08-12 (PCT/US99/18414)  
[87] 2000-02-24 (WO00/09262)  
[30] US (09/135,409) 1998-08-14

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[21] **2,337,871**  
[13] A1

[51] **Int.Cl. 6A61B 5/00**  
[25] EN  
[54] **OPTICAL MAMMOGRAPHY**  
[54] **MAMMOGRAPHIE OPTIQUE**  
[72] PORATH, ASHER, IL  
[71] YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALE, IL  
[85] 2001-01-16  
[86] 1998-07-30 (PCT/IL98/00359)  
[87] 2000-02-10 (WO00/06016)

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[21] **2,337,872**  
[13] A1

[51] **Int.Cl. 6C07F 9/08 6C08J 5/00 6C08L 101/00 6C08L 85/02 6C09K 21/12 6C09K 21/14 6C08K 5/5399 6C07F 9/6581**  
[25] EN  
[54] **CROSS-LINKED PHENOXYPHOSPHAZENE COMPOUND, PROCESS FOR PRODUCING THE SAME, FLAME RETARDANT, FLAME-RETARDANT RESIN COMPOSITION, AND MOLDED FLAME-RETARDANT RESIN**  
[54] **COMPOSE DE PHENOXYPHOSPHAZENE RETICULE, SON PROCEDE DE PRODUCTION, COMPOSITION DE RESINE DE RETARDATEUR DE FLAMME, ET RESINE DE RETARDATEUR DE FLAMME MOULEE**  
[72] TADA, YUJI, JP  
[72] NISHIOKA, YOICHI, JP  
[72] YABUHARA, TADAO, JP  
[72] NAKACHO, YOSHIFUMI, JP  
[71] OTSUKA CHEMICAL CO., LTD., JP  
[85] 2001-01-16  
[86] 1999-08-05 (PCT/JP99/04256)  
[87] 2000-02-24 (WO00/09518)  
[30] JP (10/228897) 1998-08-13  
[30] JP (10/248415) 1998-09-02

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[21] **2,337,873**  
[13] A1

[51] **Int.Cl. 7H01P 1/203**  
[25] EN  
[54] **A SWITCHABLE LOW-PASS FILTER**  
[54] **FILTRE PASSE-BAS COMMUTABLE**  
[72] ZHOU, SHU-ANG, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-01-16  
[86] 1999-07-16 (PCT/SE99/01284)  
[87] 2000-01-27 (WO00/04602)  
[30] SE (9802584-4) 1998-07-17

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[21] **2,337,874**  
[13] A1

[51] **Int.Cl. 6H01P 3/08 6H01L 39/16**  
[25] EN  
[54] **A SWITCHABLE INDUCTOR**  
[54] **INDUCTEUR COMMUTABLE**  
[72] ZHOU, SHU-ANG, SE  
[72] WIKBORG, ERLAND, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-01-16  
[86] 1999-07-16 (PCT/SE99/01283)  
[87] 2000-01-27 (WO00/04603)  
[30] SE (9802583-6) 1998-07-17

[21] **2,338,183**  
[13] A1

[51] **Int.Cl. 7B65G 17/38 7F16G 15/12 7B65G 19/20**  
[25] EN  
[54] **PLATE LINK CHAIN COMPRISING AN INSPECTION PLATE FOR VERIFYING AN UNACCEPTABLE CHAIN LENGTH**  
[54] **CHAINE ARTICULEE AVEC MAILLON DE CONTROLE D'ALLONGEMENT DE CHAINE INADMISSIBLE**  
[72] BAHR, THOMAS, DE  
[71] AUMUND-FORDERERBAU GMBH MASCHINENFABRIK, DE  
[85] 2001-01-29  
[86] 1999-07-15 (PCT/DE99/02234)  
[87] 2000-02-17 (WO00/07909)  
[30] DE (198 34 806.1) 1998-08-01

[21] **2,338,185**  
[13] A1

[51] **Int.Cl. 7C12N 15/31 7C12N 9/12 7C07K 14/195 7C12P 19/34 7C12Q 1/68**  
[25] EN  
[54] **THERMOSTABLE IN VITRO COMPLEX WITH POLYMERASE ACTIVITY**  
[54] **COMPLEXE IN VITRO THERMOSTABLE A ACTIVITE DE POLYMERASE**  
[72] MOECKEL, GERD, DE  
[72] KOBER, INGO, DE  
[72] VOSS, HARTMUT, DE  
[72] KILGER, CHRISTIAN, DE  
[71] LION BIOSCIENCE AG, DE  
[85] 2001-02-05  
[86] 1999-08-06 (PCT/DE99/02480)  
[87] 2000-02-17 (WO00/08164)  
[30] DE (198 35 653.6) 1998-08-06  
[30] DE (198 40 771.8) 1998-09-07  
[30] EP (99111795.3) 1999-06-18

[21] **2,338,186**  
[13] A1

[51] **Int.Cl. 6C12N 15/00 6A61K 38/00 6A61K 39/00 6C07K 1/00 6C07K 16/00 6C12N 15/03 6C12N 15/09 6C12N 15/11 6A61K 38/19 6C07K 16/24 6C12N 15/28 6A61K 39/395 6C07K 16/46 6G01N 33/48 6G01N 33/50 6C07K 14/525 6G01N 33/53 6G01N 33/566 6C12N 15/63 6C12Q 1/68 6C12N 15/74**  
[25] EN  
[54] **TUMOR NECROSIS FACTOR-GAMMA**  
[54] **FACTEUR DE NECROSE TUMORALE GAMMA**  
[72] NI, JIAN, US  
[72] YU, GUO-LIANG, US  
[72] ROSEN, CRAIG A., US  
[72] ZHANG, JUN, US  
[71] HUMAN GENOME SCIENCES, INC., US  
[85] 2001-02-05  
[86] 1999-02-08 (PCT/US99/02722)  
[87] 2000-02-17 (WO00/08139)  
[30] US (09/131,237) 1998-08-07

[21] **2,338,187**  
[13] A1

[51] **Int.Cl. 7C12N 15/82 7C08B 30/00 7A01H 5/00 7C12N 9/26 7C12N 15/54**  
[25] EN  
[54] **NUCLEIC ACID MOLECULE CODING FOR BETA-AMYLASE, PLANTS SYNTHESIZING A MODIFIED STARCH, METHOD OF PRODUCTION AND APPLICATIONS**  
[54] **MOLECULE D'ACIDE NUCLEIQUE CODANT POUR UNE BETA-AMYLASE, PLANTES SYNTHETISANT UN AMIDON MODIFIE, PROCEDE DE PRODUCTION ET APPLICATIONS**  
[72] FROHBERG, CLAUS, DE  
[71] AVENTIS CROPSCIENCE GMBH, DE  
[85] 2001-01-30  
[86] 1999-07-30 (PCT/EP99/05523)  
[87] 2000-02-17 (WO00/08185)  
[30] DE (198 36 099.1) 1998-07-31

[21] **2,338,306**  
[13] A1

[51] **Int.Cl. 6E06C 9/14 6E06C 1/56**  
[25] EN  
[54] **ESCAPE LADDER HAVING HIGHLY NESTING RUNGS**  
[54] **ECHELLE D'EVACUATION A BARREAUX FORTEMENT EMPILABLES**  
[72] IVE, ANDREW D., US  
[72] DIBELARDINO, ALDO J., US  
[71] X-IT PRODUCTS, LLC, US  
[85] 2001-01-22  
[86] 1999-05-10 (PCT/US99/10031)  
[87] 2000-02-17 (WO00/08292)  
[30] CN (98 2 16422.X) 1998-08-03

[21] **2,338,331**  
[13] A1

[51] **Int.Cl. 6A61C 19/06 6A61K 7/16**  
[25] EN  
[54] **A DELIVERY SYSTEM FOR AN ORAL CARE SUBSTANCE USING A PERMANENTLY DEFORMABLE STRIP OF MATERIAL**  
[54] **SYSTEME DE DISTRIBUTION D'UNE SUBSTANCE ORALE POUR SOINS AU MOYEN D'UNE BANDE DE MATERIAU POUVANT ETRE DEFORMEE EN PERMANENCE -**  
[72] SAGEL, PAUL ALBERT, US  
[72] DIRKSING, ROBERT STANLEY, US  
[72] TWEDDELL, RICHARD III, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-01-22  
[86] 1998-08-04 (PCT/US98/17774)  
[87] 2000-02-17 (WO00/07518)

[21] **2,338,333**  
[13] A1

[51] **Int.Cl. 7B65B 35/44**  
[25] EN  
[54] **APPARATUS AND METHOD FOR CONVEYING ITEMS**  
[54] **APPAREIL ET PROCEDE POUR ACHEMINER DES ARTICLES**  
[72] FRANZAROLI, MASSIMO, IT  
[71] PULSAR S.R.L., IT  
[85] 2001-01-22  
[86] 1999-07-21 (PCT/IB99/01303)  
[87] 2000-02-03 (WO00/05138)  
[30] IT (BO98A000461) 1998-07-24  
[30] IT (BO99A000153) 1999-04-01

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[21] **2,338,335**  
[13] A1

[51] **Int.Cl. 6H01L 23/528 6H05K 7/20 6H01L 23/538**  
[25] EN  
[54] **THREE-DIMENSIONAL PACKAGING TECHNOLOGY FOR MULTI-LAYERED INTEGRATED CIRCUITS**  
[54] **ASSEMBLAGE TRIDIMENSIONNEL POUR CIRCUITS INTEGRES MULTICOUCHES**  
[72] FARIS, SADEG M., US  
[71] REVEO, INC., US  
[85] 2001-01-22  
[86] 1998-07-27 (PCT/US98/15477)  
[87] 2000-02-10 (WO00/07240)

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

[51] **Int.Cl. 6A47L 5/38 6A47L 9/10**  
[25] EN  
[54] **CENTRAL VACUUM CLEANING SYSTEM**  
[54] **SYSTEME CENTRAL DE NETTOYAGE PAR ASPIRATION**  
[72] KANG, HEUNG-MOOK, KR  
[71] KANG, HEUNG-MOOK, KR  
[85] 2001-01-22  
[86] 1998-07-22 (PCT/KR98/00222)  
[87] 2000-02-03 (WO00/04814)

[21] **2,338,340**  
[13] A1

[51] **Int.Cl. 6B60N 2/38**  
[25] EN  
[54] **BICYCLE SEAT ASSEMBLY**  
[54] **SELLE DE BICYCLETTE**  
[72] WHITE, THOMAS H., US  
[71] WHITE, THOMAS H., US  
[85] 2001-01-22  
[86] 1999-07-23 (PCT/US99/16643)  
[87] 2000-02-03 (WO00/05098)  
[30] US (60/094,021) 1998-07-24

[21] **2,338,345**  
[13] A1

[51] **Int.Cl. 7A61K 38/16 7C07K 1/00 7C07K 17/02 7A61K 9/113**  
[25] EN  
[54] **ENCAPSULATION OF WATER SOLUBLE PEPTIDES**  
[54] **ENCAPSULATION DE PEPTIDES HYDROSOLUBLES**  
[72] IGNATIOUS, FRANCIS X., US  
[71] SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS SCIENTIFIQUES S.A.S., FR  
[85] 2001-01-22  
[86] 1999-07-09 (PCT/US99/14869)  
[87] 2000-02-03 (WO00/04916)  
[30] US (09/121,653) 1998-07-23  
[30] US (60/093,914) 1998-07-23

[21] **2,338,347**  
[13] A1

[51] **Int.Cl. 7F02B 75/02 7F01C 11/00 7F02G 3/02 7F01C 1/10 7F01C 21/10**  
[25] EN  
[54] **QUASI-ISOTHERMAL BRAYTON CYCLE ENGINE**  
[54] **MOTEUR A CYCLE BRAYTON QUASI ISOTHERME**  
[72] HOLTZAPPLE, MARK T., US  
[72] RABROKER, ANDREW G., US  
[71] THE TEXAS A & M UNIVERSITY SYSTEM, US  
[85] 2001-01-22  
[86] 1999-07-30 (PCT/US99/17237)  
[87] 2000-02-10 (WO00/06876)  
[30] US (60/094,920) 1998-07-31

[21] **2,338,349**  
[13] A1

[51] **Int.Cl. 7C07D 239/54**  
[25] EN  
[54] **METHOD FOR PRODUCING 4,6-DISUBSTITUTED 2-ISOCYANATOPYRIMIDINES AND TO THEIR USE AS INTERMEDIATE PRODUCTS FOR ACTIVE INGREDIENT SYNTHESSES**  
[54] **PROCEDE DE PRODUCTION DE 4,6-2-ISOCYANATOPYRIMIDINES BISUBSTITUEES ET LEUR UTILISATION COMME PRODUITS INTERMEDIAIRES POUR LA SYNTHESE DE PRINCIPES ACTIFS**  
[72] LACHHEIN, STEPHEN, DE  
[72] FORD, MARK JAMES, DE  
[71] AVENTIS CROPSCIENCE GMBH, DE  
[85] 2001-01-22  
[86] 1999-07-13 (PCT/EP99/04910)  
[87] 2000-02-03 (WO00/05220)  
[30] DE (198 33 007.3) 1998-07-23

[21] **2,338,351**  
[13] A1

[51] **Int.Cl. 7B22D 41/14**  
[25] EN  
[54] **SLIDE GATE FOR A CONTAINER CONTAINING MOLTEN METAL**  
[54] **SYSTEME DE FERMETURE COULISSANT POUR RECIPIENT CONTENANT DU METAL FONDU**  
[72] TOALDO, WALTER, CH  
[71] STOPINC AKTIENGESELLSCHAFT, CH  
[85] 2001-01-22  
[86] 1999-07-05 (PCT/CH99/00295)  
[87] 2000-02-10 (WO00/06325)  
[30] CH (1574/98) 1998-07-26

[21] **2,338,417**  
[13] A1

[51] **Int.Cl. 7A61B 3/02**  
[25] EN  
[54] **VISUAL FUNCTION TESTING WITH VIRTUAL RETINAL DISPLAY**  
[54] **CONTROLE DES FONCTIONS VISUELLES AU MOYEN D'UN AFFICHAGE RETINIEN**  
[72] WROBLEWSKI, DARIUSZ, US  
[72] BRAEUNING, JOHANNES, DE  
[72] MCCLURE, RICHARD J., US  
[72] MASSENGILL, R. KEMP, US  
[71] VIRTUAL-EYE.COM, INC., US  
[71] WROBLEWSKI, DARIUSZ, US  
[71] BRAEUNING, JOHANNES, DE  
[85] 2001-01-23  
[86] 2000-05-26 (PCT/US00/14685)  
[87] 2000-12-07 (WO00/72745)  
[30] US (60/136,151) 1999-05-27  
[30] US (60/165,082) 1999-11-12  
[30] US (09/467,360) 1999-12-20

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[13] A1

[51] **Int.Cl. 7G06K 1/12 7G06C 5/00 7G06K 19/06 7G06K 7/12**  
[25] EN  
[54] **METHOD OF EXPRESSION, RECORDING, REPRODUCTION, AND COMMUNICATION OF COMPUTER OBJECT USING COLOR, APPARATUS FOR RECORDING AND/OR REPRODUCTION, RECORDING MEDIUM, AND METHOD OF PREPARATION OF CODE**  
[54] **PROCEDE D'EXPRESSION, D'ENREGISTREMENT, DE REPRODUCTION ET DE COMMUNICATION DESTINE A DES OBJETS INFORMATIQUES EN COULEUR, DISPOSITIF D'ENREGISTREMENT ET/OU LECTURE, SUPPORT D'ENREGISTREMENT ET PROCEDE DE CRYPTAGE**  
[72] TANI, OKIE, JP  
[71] TANI ELECTRONICS CORPORATION, JP  
[85] 2001-01-23  
[86] 2000-05-24 (PCT/JP00/03315)  
[87] 2000-11-30 (WO00/72228)  
[30] JP (11/182235) 1999-05-24

[21] **2,338,424**  
[13] A1

[51] **Int.Cl. 7C11D 3/48 7A01N 25/02 7A01N 33/12 7C11D 3/20 7A01N 25/30 7C11D 3/43 7C11D 1/62 7C11D 1/66 7C11D 1/75 7C11D 1/835**  
[25] EN  
[54] **LOW RESIDUE AQUEOUS HARD SURFACE CLEANING AND DISINFECTING COMPOSITIONS**  
[54] **COMPOSITIONS AQUEUSES A RESIDU FAIBLE DESTINEES AU NETTOYAGE ET A LA DESINFECTION DE SURFACES DURES**  
[72] HARRISON, KENNETH ALLEN, US  
[72] LYNCH, ANN MARIE, US  
[72] WELLER, JEANNE MARIE, US  
[71] RECKITT BENCKISER INC., US  
[85] 2001-01-23  
[86] 1999-07-23 (PCT/GB99/02212)  
[87] 2000-02-03 (WO00/05330)  
[30] US (60/094,054) 1998-07-24

[21] **2,338,428**  
[13] A1

[51] **Int.Cl. 7C07C 4/06 7C07B 37/06 7C07C 69/54**  
[25] EN  
[54] **METHOD OF MICROWAVE BOND CLEAVAGE OF A HYDROCARBON COMPOUND IN A LIQUID PHASE**  
[54] **PROCEDE DE CLIVAGE MICRO-ONDES D'UNE LIAISON D'UN COMPOSE D'HYDROCARBURES DANS UNE PHASE LIQUIDE**  
[72] FRANZ, JAMES A., US  
[72] KANDANARACHCHI, PRAMOD, CA  
[72] DING, QIZHU, CA  
[72] TANNER, DENNIS D., CA  
[71] BATTELLE MEMORIAL INSTITUTE, US  
[71] GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA  
[85] 2001-01-23  
[86] 1999-07-23 (PCT/US99/16851)  
[87] 2000-02-03 (WO00/05185)  
[30] US (09/122,530) 1998-07-24

[21] **2,338,430**  
[13] A1

[51] **Int.Cl. 7B23D 35/00 7B21B 15/00 7B23D 19/06**  
[25] EN  
[54] **METHOD AND DEVICE FOR EXCHANGING SHEARS IN THE CUTTING TO LENGTH OF STRIPS OR SHEETS IN THE ROLLING OR TRANSPORT LINE**  
[54] **PROCEDE ET DISPOSITIF DE DEPLACEMENT DES CISAILLES SERVANT A SEPARER TRANSVERSALEMENT DES RUBANS OU DES TOLES DANS LA LIGNE DE LAMINAGE OU DE TRANSPORT**  
[72] MUNKER, MAX, DE  
[72] LADDA-ZUNK, BARBARA, DE  
[72] GRAFE, HORST, DE  
[71] SMS SCHLOEMANN-SIEMAG AKTIENGESELLSCHAFT, DE  
[85] 2001-01-23  
[86] 1999-07-17 (PCT/EP99/05115)  
[87] 2000-02-03 (WO00/05019)  
[30] DE (198 33 324.2) 1998-07-24

[21] **2,338,444**  
[13] A1

[51] **Int.Cl. 6C09K 7/02**  
[25] EN  
[54] **POLYSACCHARIDE-CONTAINING WELL DRILLING AND SERVICING FLUIDS**  
[54] **BOUES DE FORAGE ET D'ENTRETIEN CONTENANT DES POLYSACCHARIDES**  
[72] HOUSE, ROY F., US  
[71] VENTURE INNOVATIONS, INC, US  
[85] 2001-01-23  
[86] 1999-05-07 (PCT/US99/10047)  
[87] 2000-02-03 (WO00/05322)  
[30] US (09/121,712) 1998-07-24

[21] **2,338,447**  
[13] A1

[51] **Int.Cl. 7G07F 7/10**  
[25] FR  
[54] **PROCEDE DE CONTROLE DE L'EXECUTION D'UNE DEMANDE D'ACTIONS TRANSMISE PAR UN SERVEUR VERS UNE CARTE A PUCE VIA UN TERMINAL**  
[54] **METHOD FOR CONTROLLING THE EXECUTION OF A REQUEST FOR ACTION TRANSMITTED BY A SERVER TO A CHIP CARD VIA A TERMINAL**  
[72] IMBERT, PATRICK, FR  
[72] DREHER, DOMINIQUE, FR  
[71] GEMPLUS, FR  
[85] 2001-01-23  
[86] 1999-07-26 (PCT/FR99/01826)  
[87] 2000-02-10 (WO00/07153)  
[30] FR (98/09575) 1998-07-27

[21] **2,338,449**  
[13] A1

[51] **Int.Cl. 7G02B 6/46 7G02B 6/00**  
[25] EN  
[54] **OUTSIDE PLANT OPTICAL FIBER DISTRIBUTION APPARATUS**  
[54] **PROCEDE ET APPAREIL DE DISTRIBUTION DE FIBRES EN MILIEU EXTERIEUR**  
[72] TISCHLER, ANTHONY L., US  
[72] JOHNSON, BRIAN L., US  
[72] THOMPSON, PATRICK, US  
[71] ADC TELECOMMUNICATIONS, INC., US  
[85] 2001-01-23  
[86] 1999-07-26 (PCT/US99/16938)  
[87] 2000-02-10 (WO00/07053)  
[30] US (09/122,947) 1998-07-27



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[21] **2,338,450**  
[13] A1

[51] **Int.Cl. 7C09D 183/04 7C04B 41/45 7C04B 41/49**  
[25] EN  
[54] **COATING COMPOSITION AND METHOD OF USE**  
[54] **COMPOSITION D'ENDUCTION ET TECHNIQUE D'UTILISATION**  
[72] ST. GERMAIN, MICHAEL KENNETH, CA  
[72] WINTER, NOEL AUSTIN, CA  
[72] FIGIEL, DENNIS, CA  
[71] SILTEX COATINGS CANADA INC., CA  
[85] 2001-01-23  
[86] 1999-07-23 (PCT/CA99/00670)  
[87] 2000-02-03 (WO00/05314)  
[30] CA (2,243,800) 1998-07-23

[21] **2,338,451**  
[13] A1

[51] **Int.Cl. 6H04B 7/212 6H04J 3/00 6H04J 3/16 6H04Q 7/24**  
[25] EN  
[54] **COMMUNICATION SYSTEM WITH FAST CONTROL TRAFFIC**  
[54] **SYSTEME DE TELECOMMUNICATIONS A TRAFIC DE COMMANDE RAPIDE**  
[72] JENSEN, RYAN N., US  
[72] LINDSAY, CHARLES L., US  
[72] ANDERSON, GARY B., US  
[71] OMNIPOINT CORPORATION, US  
[85] 2001-01-23  
[86] 1999-07-14 (PCT/US99/16017)  
[87] 2000-02-03 (WO00/05828)  
[30] US (09/122,565) 1998-07-24

[21] **2,338,452**  
[13] A1

[51] **Int.Cl. 6B65D 1/34**  
[25] EN  
[54] **FOOD SERVICE TRAY**  
[54] **PLATEAU DE RESTAURATION**  
[72] WOOD, JAMES ROBERT, US  
[72] RIDGEWAY, JOHN MARK, US  
[71] TRAYMAX, INC., US  
[85] 2001-01-23  
[86] 1999-07-22 (PCT/US99/16611)  
[87] 2000-02-03 (WO00/05140)  
[30] US (60/093,980) 1998-07-24

[21] **2,338,456**  
[13] A1

[51] **Int.Cl. 7G01N 27/414**  
[25] EN  
[54] **ASSEMBLY AND APPARATUS FOR EXTRACELLULAR ELECTROPHYSIOLOGICAL RECORDINGS AND THEIR USE**  
[54] **ENSEMBLE, APPAREIL POUR ENREGISTREMENTS ELECTROPHYSIOLOGIQUES EXTRACELLULAIRES ET LEUR UTILISATION**  
[72] KNOLL, WOLFGANG, DE  
[72] OFFENHAUSER, ANDREAS, DE  
[71] SYMBIOSIS GMBH, DD  
[85] 2001-01-23  
[86] 1999-07-23 (PCT/EP99/05298)  
[87] 2000-02-03 (WO00/05574)  
[30] EP (98113783.9) 1998-07-23

[21] **2,338,459**  
[13] A1

[51] **Int.Cl. 7G01C 19/22 7F16C 11/12 7B64G 1/38**  
[25] EN  
[54] **SYSTEM AND METHOD FOR SPACECRAFT ATTITUDE CONTROL**  
[54] **DISPOSITIF DE COMMANDE D'ATTITUDE D'ASTRONEF ET TECHNIQUE CORRESPONDANTE**  
[72] TYC, GEORGE, CA  
[72] FRISE, PETER R., CA  
[72] STALEY, DOUGLAS A., CA  
[71] BRISTOL AEROSPACE LIMITED, CA  
[85] 2001-01-23  
[86] 1999-07-23 (PCT/CA99/00678)  
[87] 2000-02-03 (WO00/05549)  
[30] US (60/093,801) 1998-07-23

[21] **2,338,461**  
[13] A1

[51] **Int.Cl. 7B03C 3/16 7B03C 3/53 7B03C 3/86**  
[25] EN  
[54] **PRECIPITATION TUBE BUNDLE FOR WET ELECTROSTATIC FILTERS**  
[54] **FAISCEAU DE TUBES DE PRECIPITATION DESTINE A FILTRES ELECTROSTATIQUE HUMIDE**  
[72] SCHARKOWSKI, JURGEN, DE  
[71] STEULER-INDUSTRIEWERKE GMBH, DE  
[85] 2001-01-23  
[86] 1999-07-22 (PCT/EP99/05248)  
[87] 2000-02-03 (WO00/04996)  
[30] DE (198 33 226.2) 1998-07-23

[21] **2,338,463**  
[13] A1

[51] **Int.Cl. 7H04L 29/06 7H04L 12/46**  
[25] EN  
[54] **VIRTUAL SWITCHING FOR INTERCONNECTED NETWORKS**  
[54] **COMMUTATION VIRTUELLE DE RESEAUX INTERCONNECTES**  
[72] YEH, CHIANG, US  
[71] NORTEL NETWORKS LIMITED, CA  
[85] 2001-01-23  
[86] 1999-07-20 (PCT/US99/16593)  
[87] 2000-02-03 (WO00/05853)  
[30] US (09/122,433) 1998-07-24

[21] **2,338,465**  
[13] A1

[51] **Int.Cl. 7A61K 31/445**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR TREATING GASTRO-ESOPHAGEAL REFLUX DISEASE**  
[54] **TRAITEMENTS DU REFLUX GASTRO-OESOPHAGIEN ET COMPOSITIONS A CET EFFET**  
[72] JERUSSI, THOMAS P., US  
[72] MCCULLOUGH, JOHN R., US  
[71] SEPRACOR, INC., US  
[85] 2001-01-23  
[86] 1999-07-23 (PCT/US99/16736)  
[87] 2000-02-10 (WO00/06165)  
[30] US (09/123,892) 1998-07-28

[21] **2,338,466**  
[13] A1

[51] **Int.Cl. 7B21B 31/02 7B23Q 1/00**  
[25] EN  
[54] **SYSTEM OF SUPPLY, DISCHARGE AND DISTRIBUTION LINES FOR NOTABLY LIQUID OPERATING MEDIA IN ROLLING STANDS**  
[54] **SYSTEME DE CONDUITES D'ALIMENTATION, D'EVACUATION ET DE DISTRIBUTION, POUR SUBSTANCES D'EXPLOITATION NOTAMMENT LIQUIDES, AU NIVEAU DE CAGES DE LAMINOIR**  
[72] HOPFENZIZ, HEINZ, DE  
[72] BENNER, FRANK, DE  
[72] STOTZEL, HELMUT, DE  
[72] TRUDEWIND, HEINZ, DE  
[72] RACKEL, HARALD, DE  
[72] NIETSCH, WALTER, DE  
[72] REIMANN, FRIEDHELM, DE  
[71] SMS SCHLOEMANN-SIEMAG AKTIENGESELLSCHAFT, DE  
[85] 2001-01-23  
[86] 1999-07-17 (PCT/EP99/05114)  
[87] 2000-02-03 (WO00/05005)  
[30] DE (198 33 323.4) 1998-07-24

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[21] **2,338,468**  
[13] A1

[51] **Int.Cl. 7B67D 3/04**  
[25] EN  
[54] **STOWABLE SPIGOT**  
[54] **CANNELLE ESCAMOTABLE**  
[72] GRITTMANN, GUNTER, DE  
[71] GRITTMANN, GUNTER, DE  
[85] 2001-01-23  
[86] 1999-07-19 (PCT/EP99/05125)  
[87] 2000-02-17 (WO00/07927)  
[30] DE (198 35 569.6) 1998-08-06

[21] **2,338,470**  
[13] A1

[51] **Int.Cl. 7H03G 3/30 7H03G 1/00**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR MANAGEMENT OF CURRENT CONSUMPTION AND PERFORMANCE IN A RECEIVER DOWN CONVERTER OF A WIRELESS DEVICE**

[54] **SYSTEMES ET PROCEDES DE GESTION DE CONSOMMATION DE COURANT ET DE PERFORMANCE DANS UN ABAISSEUR DE FREQUENCE RECEPTEUR D'UN DISPOSITIF SANS FIL**

[72] FREED, JOHN G., US  
[71] ERICSSON INC., US  
[85] 2001-01-23  
[86] 1999-06-25 (PCT/US99/14433)  
[87] 2000-02-17 (WO00/08752)  
[30] US (09/129,854) 1998-08-06

[21] **2,338,472**  
[13] A1

[51] **Int.Cl. 7C08F 4/602 7C08F 10/00 7B01J 27/12 7B01J 31/14 7B01J 31/22**

[25] EN  
[54] **FUNCTIONALIZED CATALYST SUPPORTS AND SUPPORTED CATALYST SYSTEMS**

[54] **SUPPORTS CATALYTIQUES FONCTIONNALISES ET SYSTEMES CATALYSEURS SUR SUPPORTS**  
[72] JACOBSEN, GRANT B., US  
[72] CARNAHAN, EDMUND M., US  
[71] THE DOW CHEMICAL COMPANY, US

[85] 2001-01-23  
[86] 1999-09-16 (PCT/US99/21590)  
[87] 2000-03-23 (WO00/15672)  
[30] US (60/100,488) 1998-09-16

[21] **2,338,475**  
[13] A1

[51] **Int.Cl. 7E01F 9/04 7C09D 5/00 7C09D 201/00 7E01F 9/08**

[25] EN  
[54] **WEAR-RESISTANT TRANSPORTATION SURFACE MARKING METHOD AND MATERIALS**  
[54] **PROCEDE HYDRORESISTANT DE MARQUAGE DE SURFACES DE TRANSPORT ET MATERIAUX ASSOCIES**

[72] KONERIPALLI, NAGRAJ, US  
[72] KUSILEK, THOMAS V., US  
[72] PATEL, SUMAN K., US  
[72] TOLLIVER, HOWARD R., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2001-01-23  
[86] 1999-07-15 (PCT/US99/16237)  
[87] 2000-02-24 (WO00/09811)  
[30] US (09/132,270) 1998-08-11

[21] **2,338,478**  
[13] A1

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

[25] EN  
[54] **METHOD AND SYSTEM FOR RECONCILING CONCURRENT STREAMS OF TRANSACTIONS IN A DATABASE**

[54] **PROCEDE ET SYSTEME PERMETTANT DE CONCILIER DES FLUX DE TRANSACTIONS CONCURRENTS DANS UNE BASE DE DONNEES**

[72] KOPPSTEIN, PETER, US  
[72] PARK, BENJAMIN, US  
[72] SHASHA, DENNIS, US  
[71] TELCORDIA TECHNOLOGIES, INC., US

[85] 2001-01-23  
[86] 1999-07-15 (PCT/US99/16004)  
[87] 2000-02-10 (WO00/07119)  
[30] US (09/126,168) 1998-07-30

[21] **2,338,481**  
[13] A1

[51] **Int.Cl. 7A21D 2/02 7A21D 10/00 7A21D 8/02 7A21D 10/02 7A21D 10/04**

[25] EN  
[54] **PROCESS AND FORMULATION FOR A CHEMICALLY LEAVENED DOUGH OR BAKERY PRODUCT**  
[54] **PROCEDE ET FORMULATION POUR PATE OU POUR PRODUIT DE BOULANGERIE LEVES**

**CHIMIQUENT**  
[72] HEIDOLPH, BARBARA B., US  
[72] CORLISS, GLENN, US  
[72] BOOK, SHARON, US  
[71] SOLUTIA INC., US  
[85] 2001-01-23  
[86] 1999-07-21 (PCT/US99/16568)  
[87] 2000-02-03 (WO00/04782)  
[30] US (60/094,050) 1998-07-24

[21] **2,338,485**  
[13] A1

[51] **Int.Cl. 7A61B 17/00**

[25] EN  
[54] **SPECIALLY SHAPED BALLOON DEVICE FOR USE IN SURGERY AND METHOD OF USE**

[54] **DISPOSITIF A BALLONNET SPECIAL A USAGE CHIRURGICAL ET PROCEDE D'UTILISATION**

[72] STAFFORD, GARY ASHLEY, US  
[72] TANAKA, SHIGERU, US  
[71] GENERAL SURGICAL INNOVATIONS, INC., US  
[85] 2001-01-23  
[86] 2000-05-26 (PCT/US00/14823)  
[87] 2000-12-07 (WO00/72760)  
[30] US (09/322,201) 1999-05-28

[21] **2,338,486**  
[13] A1

[51] **Int.Cl. 6F28D 7/00 6B23K 20/02**

[25] EN  
[54] **HEAT EXCHANGER**  
[54] **ECHANGEUR THERMIQUE**  
[72] SYMONDS, KEITH THOMAS, GB  
[71] CHART HEAT EXCHANGERS LIMITED, GB

[85] 2001-01-24  
[86] 1998-09-01 (PCT/GB98/02625)  
[87] 1999-03-11 (WO99/11993)  
[30] GB (9718542.5) 1997-09-02

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,338,487</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 48/00 7C12N 5/10</b> [25] EN [54] <b>GENETICALLY ENGINEERED CELLS AND TISSUES</b> [54] <b>CELLULES GENETIQUEMENT MODIFIEES ET TISSUS</b> [72] MANSBRIDGE, JONATHON N., US [72] NAUGHTON, GAIL K., US [71] ADVANCED TISSUE SCIENCES, INC., US [85] 2001-01-23 [86] 1999-07-28 (PCT/US99/16961) [87] 2000-02-10 (WO00/06204) [30] US (60/094,408) 1998-07-28</p>	<p style="text-align: right;">[21] <b>2,338,490</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07C 59/76 7C07D 333/04 7A61K 31/19 7C07D 207/30 7A61K 31/335 7C07D 307/34 7A61K 31/38 7A61K 31/40</b> [25] EN [54] <b>DIKETOACID-DERIVATIVES AS INHIBITORS OF POLYMERASES</b> [54] <b>DERIVES DE DICETOACIDES UTILISES COMME INHIBITEURS DE POLYMERASES</b> [72] KOCH, UWE, IT [72] NEUNER, PHILIPPE JEAN SIEGFRIED, IT [72] SUMMA, VINCENZO, IT [72] ALTAMURA, SERGIO, IT [72] TOMEI, LICIA, IT [71] ISTITUTO DI RICERCHE DI BIOLOGIA MOLECOLARE P. ANGELETTI S.P.A., IT [85] 2001-01-24 [86] 1999-07-27 (PCT/GB99/02446) [87] 2000-02-10 (WO00/06529) [30] GB (9816358.7) 1998-07-27 [30] US (60/096,528) 1998-08-13</p>	<p style="text-align: right;">[21] <b>2,338,493</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 2/16</b> [25] EN [54] <b>FLUID MODULATED INTRAOCULAR LENS</b> [54] <b>LENTILLES INTRAOCULAIRES A MODULATION PAR FLUIDE</b> [72] AYOUB, ADHAM, EG [71] JOHNS HOPKINS UNIVERSITY, US [85] 2001-01-24 [86] 1999-07-23 (PCT/US99/16547) [87] 2000-02-03 (WO00/04849) [30] US (60/093,994) 1998-07-24</p>
<p style="text-align: right;">[21] <b>2,338,488</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04N 7/14 7H04N 7/173</b> [25] EN [54] <b>TELEVISION CHAT SYSTEM</b> [54] <b>SYSTEME DE DIALOGUE TELEVISUEL</b> [72] ELLIS, MICHAEL D., US [72] MCKISSICK, PAMELA L., US [72] THOMAS, WILLIAM L., US [72] DEWEESE, TOBY, US [71] UNITED VIDEO PROPERTIES, INC., US [85] 2001-01-24 [86] 1999-08-26 (PCT/US99/19548) [87] 2000-03-09 (WO00/13416) [30] US (60/099,301) 1998-08-26 [30] US (09/356,270) 1999-07-16</p>	<p style="text-align: right;">[21] <b>2,338,491</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A45D 40/00</b> [25] EN [54] <b>DISPENSING CONTAINER</b> [54] <b>RECIPIENT DISTRIBUTEUR</b> [72] BAINES, ROGER ANTHONY, GB [72] MOORE, JONATHAN JUSTIN, GB [71] UNILEVER PLC, GB [85] 2001-01-23 [86] 1999-07-26 (PCT/EP99/05347) [87] 2000-02-24 (WO00/08970) [30] GB (9817813.0) 1998-08-14</p>	<p style="text-align: right;">[21] <b>2,338,494</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C01B 3/26</b> [25] EN [54] <b>CATALYTIC MICROWAVE CONVERSION OF GASEOUS HYDROCARBONS</b> [54] <b>CONVERSION CATALYTIQUE A MICRO-ONDES D'HYDROCARBURES GAZEUX</b> [72] TANNER, DENNIS D., CA [72] DING, QIZHU, CA [71] GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA [85] 2001-01-23 [86] 1999-07-23 (PCT/IB99/01441) [87] 2000-02-03 (WO00/05167) [30] US (09/122,515) 1998-07-24</p>
<p style="text-align: right;">[21] <b>2,338,489</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61F 13/15 7B32B 27/12</b> [25] EN [54] <b>DISPOSABLE ABSORBENT ARTICLE COMPRISING FECAL MANAGEMENT LAYER HAVING FIBERS ORIENTED IN THE Z-DIRECTION</b> [54] <b>ARTICLE ABSORBANT JETABLE A ELEMENT DE GESTION FECALE A FIBRES ORIENTEES DANS LA DIRECTION Z</b> [72] MULLER, JORG, DE [72] FLOHR, ANDREAS, DE [72] PESCHER, GEORG, DE [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2001-01-24 [86] 1999-08-03 (PCT/US99/17814) [87] 2000-02-17 (WO00/07535) [30] EP (98114858.8) 1998-08-07</p>	<p style="text-align: right;">[21] <b>2,338,492</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E21B 7/06</b> [25] EN [54] <b>WHIPSTOCK</b> [54] <b>SIFFLET DE DEVIATION</b> [72] GILLIES, IAN, GB [72] MCGARIAN, BRUCE, GB [71] SMITH INTERNATIONAL, INC., US [85] 2001-01-23 [86] 1999-07-20 (PCT/GB99/02353) [87] 2000-02-17 (WO00/08294) [30] GB (9816888.3) 1998-08-03</p>	<p style="text-align: right;">[21] <b>2,338,495</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B21B 27/05</b> [25] EN [54] <b>BACK-UP OR INTERMEDIATE ROLLER FOR PRODUCING A FLAT ROLLED PRODUCT IN A ROLLING MILL</b> [54] <b>CYLINDRE D'APPUI OU INTERMEDIAIRE MONTE DANS DES LAMINOIRS POUR LE LAMINAGE D'UN PRODUIT PLAT</b> [72] FIGGE, DIETER, DE [72] SCHWERDT, WILHELM, DE [72] QUITMANN, UWE, DE [71] SMS DEMAG AG, DE [85] 2001-01-23 [86] 1999-07-12 (PCT/DE99/02176) [87] 2000-02-10 (WO00/06315) [30] DE (198 35 089.9) 1998-07-24</p>

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[21] **2,338,501**  
[13] A1  
[51] **Int.Cl. 6B22D 25/04 6B22D 13/00 6H01M 4/84**  
[25] EN  
[54] **DIE-FORMING MAGAZINE CASSETTE, METHOD FOR MANUFACTURING BATTERY LEAD GRIDS USING SAID MAGAZINE CASSETTES, AND EQUIPMENT ACCOMPLISHING SAID METHOD**  
[54] **CASSETTE A CHARGEUR FORMATEUR DE MOULE, PROCEDE DE FABRICATION DE GRILLES DE PLOMB POUR BATTERIES ET EQUIPEMENT CORRESPONDANT**  
[72] TOTH, LASZLO, HU  
[72] SAROSI, GYORGY, HU  
[71] AKKU BOTOND FEJLESZTO ES GYARTO KORLATOLT FELELOSSEG TARSAGAG, HU  
[85] 2001-01-23  
[86] 1998-07-24 (PCT/HU98/00070)  
[87] 2000-02-03 (WO00/05016)

[21] **2,338,502**  
[13] A1  
[51] **Int.Cl. 7B22D 17/22**  
[25] EN  
[54] **CASTING SYSTEM FOR THIXOFORMS**  
[54] **SYSTEME DE COULEE POUR FORMES THIXOTROPES**  
[72] IMWINKELRIED, THOMAS, CH  
[71] ALUSUISSE TECHNOLOGY & MANAGEMENT LTD., CH  
[85] 2001-01-24  
[86] 1999-07-10 (PCT/EP99/04862)  
[87] 2000-02-10 (WO00/06323)  
[30] EP (98810732.2) 1998-07-30

[21] **2,338,503**  
[13] A1  
[51] **Int.Cl. 6A01N 37/10 6A01N 43/36**  
[25] EN  
[54] **TREATMENT OF PLANTS WITH SALICYLIC ACID AND ORGANIC AMINES**  
[54] **TRAITEMENT DE PLANTES AU MOYEN D'ACIDE SALICYLIQUE ET D'AMINES ORGANIQUES**  
[72] DEAN, FRANK W., US  
[71] STOLLER ENTERPRISES, INC., US  
[85] 2001-01-23  
[86] 1999-07-20 (PCT/US99/16365)  
[87] 2000-02-10 (WO00/05954)  
[30] US (09/126,202) 1998-07-30

[21] **2,338,507**  
[13] A1  
[51] **Int.Cl. 6G05F 1/00**  
[25] EN  
[54] **ELECTRONIC BALLAST WITH FREQUENCY MANAGEMENT**  
[54] **BALLAST ELECTRONIQUE A GESTION DE FREQUENCE**  
[72] BEZDON, RONALD J., US  
[72] KEEGAN, PATRICK J., US  
[72] CROUSE, KENT E., US  
[71] ENERGY SAVINGS, INC., US  
[85] 2001-01-23  
[86] 1999-07-20 (PCT/US99/16513)  
[87] 2000-02-03 (WO00/05634)  
[30] US (09/122,231) 1998-07-24

[21] **2,338,510**  
[13] A1  
[51] **Int.Cl. 6C09K 7/02 6E21B 21/00 6E21B 33/138**  
[25] EN  
[54] **APHRON-CONTAINING WELL DRILLING AND SERVICING FLUIDS OF ENHANCED STABILITY**  
[54] **FLUIDES DE FORAGE ET D'ENTRETIEN D'UN Puits CONTENANT DES APHRONS A STABILITE AMELIOREE**  
[72] BROOKEY, TOMMY F., US  
[71] ACTISYSTEMS, INC., US  
[85] 2001-01-23  
[86] 1999-07-12 (PCT/US99/15725)  
[87] 2000-02-03 (WO00/05323)  
[30] US (09/121,713) 1998-07-24

[21] **2,338,512**  
[13] A1  
[51] **Int.Cl. 7H04Q 7/00**  
[25] EN  
[54] **ENHANCED CALL DELIVERY SYSTEM**  
[54] **SYSTEME PERFECTIONNE D'ACHEMINEMENT D'APPEL**  
[72] SILVER, ANDREW, US  
[72] STEPHENS, GARY B., US  
[71] NORTEL NETWORKS LIMITED, CA  
[85] 2001-01-23  
[86] 1999-07-23 (PCT/IB99/01318)  
[87] 2000-02-03 (WO00/05907)  
[30] US (60/094,035) 1998-07-24  
[30] US (09/359,818) 1999-07-23

[21] **2,338,517**  
[13] A1  
[51] **Int.Cl. 7G02B 6/44 7E21B 17/00**  
[25] EN  
[54] **OPTICAL FIBER CABLE FOR USE IN HARSH ENVIRONMENTS**  
[54] **CABLE A FIBRE OPTIQUE S'UTILISANT DANS DES ENVIRONNEMENTS HOSTILES**  
[72] BONJA, JEFFREY A., US  
[72] NORTON, DOUGLAS A., US  
[72] RUBINO, ROBERT A., US  
[72] CHESTNUT, CHRISTOPHER J., US  
[71] CIDRA CORPORATION, US  
[85] 2001-01-23  
[86] 1999-07-22 (PCT/US99/16590)  
[87] 2000-02-03 (WO00/05612)  
[30] US (09/121,468) 1998-07-23

[21] **2,338,518**  
[13] A1  
[51] **Int.Cl. 7A61F 2/04**  
[25] EN  
[54] **ANTI-REFLUX ESOPHAGEAL PROSTHESIS**  
[54] **PROTHESE OESOPHAGIENNE ANTI-REFLUX**  
[72] MOORE, SCOTT T., US  
[72] DUA, KULWINDER S., US  
[71] WILSON-COOK MEDICAL INC., US  
[85] 2001-01-24  
[86] 1999-08-31 (PCT/US99/19704)  
[87] 2000-06-08 (WO00/32137)  
[30] US (60/098,542) 1998-08-31

[21] **2,338,530**  
[13] A1  
[51] **Int.Cl. 6G06F 13/00 6H04L 9/00 6G06F 15/16**  
[25] EN  
[54] **SECURE MESSAGE MANAGEMENT SYSTEM**  
[54] **SYSTEME DE GESTION DE MESSAGES SECURISES**  
[72] KARNIELI, RAVIV, IL  
[71] VANGUARD SECURITY TECHNOLOGIES LTD., IL  
[85] 2001-01-24  
[86] 1999-07-26 (PCT/IL99/00408)  
[87] 2000-02-10 (WO00/07355)  
[30] IL (125516) 1998-07-26

## PCT Applications Entering the National Phase

<p style="text-align: center;">[21] <b>2,338,541</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 5/10 7A61K 35/14</b> [25] EN [54] <b>GENETICALLY MODIFIED CD34-NEGATIVE ADHERENTLY GROWING STEM CELLS AND THEIR USE IN GENE THERAPY</b> [54] <b>CELLULES SOUCHES GENETIQUEMENT MODIFIEES CD34-NEGATIVES, CROISSANTES PAR ADHESION ET LEUR UTILISATION EN THERAPIE GENIQUE</b> [72] HUSS, RALF, DE [71] HUSS, RALF, DE [85] 2001-01-24 [86] 1999-07-22 (PCT/DE99/02309) [87] 2000-02-10 (WO00/06705) [30] DE (198 33 476.1) 1998-07-24</p>	<p style="text-align: center;">[21] <b>2,338,554</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F04B 43/08</b> [25] EN [54] <b>SYSTEM AND METHOD FOR INCREASED FLOW UNIFORMITY</b> [54] <b>SYSTEME ET PROCEDE POUR OBTENIR UN ECOULEMENT PLUS REGULIER</b> [72] BUTTERFIELD, ROBERT D., US [71] ALARIS MEDICAL SYSTEMS, INC., US [85] 2001-01-25 [86] 1999-07-29 (PCT/US99/17187) [87] 2000-02-17 (WO00/08337) [30] US (09/128,302) 1998-08-03</p>	<p style="text-align: center;">[21] <b>2,338,560</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04J 11/00</b> [25] EN [54] <b>COMMUNICATION METHODS AND APPARATUS BASED ON ORTHOGONAL HADAMARD-BASED SEQUENCES HAVING SELECTED CORRELATION PROPERTIES</b> [54] <b>PROCEDES ET APPAREIL DE COMMUNICATION BASES SUR DES SEQUENCES D'HADAMARD ORTHOGONALES POSSEDANT DES PROPRIETES DE CORRELATION SELECTIONNEES</b> [72] NYSTROM, JOHAN, SE [72] POPOVIC, BRANISLAV, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2001-01-25 [86] 1999-07-30 (PCT/SE99/01331) [87] 2000-02-24 (WO00/10277) [30] US (09/135,247) 1998-08-17</p>
<p style="text-align: center;">[21] <b>2,338,543</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 33/566</b> [25] EN [54] <b>ENDOGENOUS CONSTITUTIVELY ACTIVATED G PROTEIN-COUPLED ORPHAN RECEPTORS</b> [54] <b>RECEPTEURS ORPHELINS ENDOGENES A ACTIVATION CONSTITUTIVE COUPLES A LA PROTEINE G</b> [72] BEHAN, DOMINIC P., US [72] LOWITZ, KEVIN P., US [72] LIAW, CHEN W., US [72] LIN, I-LIN, US [72] CHALMERS, DEREK T., US [72] CHEN, RUOPING, US [71] ARENA PHARMACEUTICALS, INC., US [85] 2001-01-23 [86] 1999-07-30 (PCT/US99/17425) [87] 2000-02-10 (WO00/06597) [30] US (60/094,879) 1998-07-31 [30] US (60/106,300) 1998-10-30 [30] US (60/110,906) 1998-12-04 [30] US (60/121,851) 1999-02-26</p>	<p style="text-align: center;">[21] <b>2,338,556</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04L 27/26 7H03B 28/00</b> [25] EN [54] <b>SYSTEM AND METHOD EMPLOYING A REDUCED NCO LOOKUP TABLE</b> [54] <b>SYSTEME ET PROCEDE FAISANT APPEL A UNE TABLE DE RECHERCHE REDUITE D'OSCILLATEUR A COMMANDE NUMERIQUE</b> [72] HELLBERG, RICHARD, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2001-01-25 [86] 1999-07-27 (PCT/SE99/01319) [87] 2000-02-17 (WO00/08792) [30] US (09/128,062) 1998-08-03</p>	<p style="text-align: center;">[21] <b>2,338,561</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07K 14/435 7C12N 15/12 7A61K 38/16 7C07K 16/18 7A61K 39/395 7G01N 33/53 7C12N 15/63 7G01N 33/68</b> [25] EN [54] <b>ANTAGONISTS SPECIFIC FOR THE CORTICOTROPIN-RELEASING FACTOR RECEPTOR TYPE 2 (CRFR2)</b> [54] <b>ANTAGONISTES SPECIFIQUES DU RECEPTEUR DE LA CORTICOLIBERINE DE TYPE 2 (CRFR2)</b> [72] RUHMANN, ANDREAS, AU [72] SPIESS, JOACHIM, DE [71] MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V., DE [85] 2001-01-24 [86] 1999-07-23 (PCT/EP99/05297) [87] 2000-02-03 (WO00/05253) [30] EP (98113896.9) 1998-07-24</p>
	<p style="text-align: center;">[21] <b>2,338,558</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/565</b> [25] EN [54] <b>USE OF BIOGENIC ESTROGEN SULFAMATES FOR HORMONE REPLACEMENT THERAPY</b> [54] <b>UTILISATION DE SULFAMATES D'OESTROGENES BIOGENES POUR L'HORMONOTHERAPIE SUBSTITUTIVE</b> [72] LAHTENMAKI, PEKKA, FI [72] ELGER, WALTER, DE [72] ZIMMERMANN, HOLGER, DE [72] OETTEL, MICHAEL, DE [72] SCHWARZ, SIGFRID, DE [72] REDDERSEN, GUDRUN, DE [72] LEHTINEN, MATTI, FI [71] JENAPHARM GMBH &amp; CO. KG, DE [85] 2001-01-25 [86] 1999-05-13 (PCT/DE99/01496) [87] 2000-02-10 (WO00/06175) [30] DE (198 34 931.9) 1998-07-28</p>	

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[21] **2,338,565**  
[13] A1

[51] **Int.Cl. 7B05D 3/00 7B05C 11/10 7B05D 1/26**  
[25] EN  
[54] **METHOD AND DEVICE FOR OPTIMISING LACQUERS**  
[54] **PROCEDE ET DISPOSITIF PERMETTANT D'OPTIMISER DES PEINTURES**  
[72] SCHWALM, REINHOLD, DE  
[72] MEISENBURG, UWE, DE  
[72] PFAU, ANDREAS, DE  
[72] SCHROF, WOLFGANG, DE  
[72] HORN, DIETER, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2001-01-25  
[86] 1999-07-23 (PCT/EP99/05293)  
[87] 2000-02-10 (WO00/06306)  
[30] DE (198 34 184.9) 1998-07-29

[21] **2,338,567**  
[13] A1

[51] **Int.Cl. 7H04J 14/02 7G02B 27/00**  
[25] EN  
[54] **MULTI-PLATE COMB FILTER AND APPLICATIONS THEREFOR**  
[54] **FILTRE-PEIGNE MULTILPLAQUE ET APPLICATIONS ASSOCIEES**  
[72] CAI, BO, GB  
[72] TAI, KUOCHOU, US  
[71] E-TEK DYNAMICS, INC., US  
[85] 2001-01-25  
[86] 2000-06-07 (PCT/US00/15694)  
[87] 2000-12-14 (WO00/76104)  
[30] US (09/328,037) 1999-06-08

[21] **2,338,568**  
[13] A1

[51] **Int.Cl. 7A47C 1/022 7A47C 3/026 7A47C 7/44**  
[25] EN  
[54] **A CHAIR**  
[54] **CHAISE**  
[72] HANCOCK, WILLIAM JOHN, IE  
[71] ASHFIELD ENGINEERING COMPANY WEXFORD LIMITED, IE  
[85] 2001-01-25  
[86] 1999-07-27 (PCT/IE99/00078)  
[87] 2000-02-10 (WO00/05996)  
[30] IE (980624) 1998-07-27  
[30] IE (980890) 1998-10-29  
[30] IE (980891) 1998-10-29  
[30] IE (980892) 1998-10-29  
[30] IE (980893) 1998-10-29  
[30] IE (S981098) 1998-12-23  
[30] IE (990481) 1999-06-09

[21] **2,338,571**  
[13] A1

[51] **Int.Cl. 6B65G 31/04**  
[25] EN  
[54] **MULTIPLE CHANNEL SYSTEM, APPARATUS AND METHOD FOR TRANSPORTING PARTICULATE MATERIAL**  
[54] **SYSTEME A CANAUX MULTIPLES, APPAREIL ET PROCEDE AFFERENT DE TRANSPORT DE MATERIAU PARTICULAIRE**  
[72] PETERSON, ROGER L., US  
[72] HAY, ANDREW G., US  
[71] STAMET INCORPORATED, US  
[85] 2001-01-25  
[86] 1999-07-27 (PCT/US99/16916)  
[87] 2000-02-17 (WO00/07912)  
[30] US (09/129,714) 1998-08-05

[21] **2,338,572**  
[13] A1

[51] **Int.Cl. 6B01J 13/00 6C08B 30/02 6C08B 30/06**  
[25] EN  
[54] **SOLUBLE HYDROCOLLOID FOOD ADDITIVES AND THEIR PREPARATION**  
[54] **ADDITIFS ALIMENTAIRES COMPRENANT DES HYDROCOLLOIDES SOLUBLES ET PREPARATION DE CEUX-CI**  
[72] INGLETT, GEORGE E., US  
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICUL, US  
[85] 2001-01-25  
[86] 1999-08-06 (PCT/US99/17897)  
[87] 2000-02-17 (WO00/07715)  
[30] US (09/130,788) 1998-08-07

[21] **2,338,573**  
[13] A1

[51] **Int.Cl. 7B60C 17/00 7B60C 3/04**  
[25] EN  
[54] **RUNFLAT TIRE HAVING OPTIMIZED CARCASS PATH**  
[54] **PNEUMATIQUE A AFFAISSEMENT LIMITE COMPRENANT UN CHEMIN DE CARCASSE OPTIMISE**  
[72] COTTRELL, ROGER CARY, US  
[71] MICHELIN RECHERCHE ET TECHNIQUE, CH  
[85] 2001-01-26  
[86] 1999-05-27 (PCT/US99/11812)  
[87] 2000-12-07 (WO00/73093)

[21] **2,338,574**  
[13] A1

[51] **Int.Cl. 6E05B 65/20 6E05B 17/04 6E05B 17/20**  
[25] EN  
[54] **VEHICLE DOOR LOCK WITH IMPROVED ANTI-THEFT FEATURES**  
[54] **SERRURE DE PORTE DE VEHICULE COMPORTANT DES CARACTERISTIQUES ANTIVOL AMELIOREES**  
[72] OVERBURY, DOUGLAS G., CA  
[72] GROSZKOWSKI, KRZYSZTOF, CA  
[72] KIREJCZYK, JULIUSZ, CA  
[71] ATOMA INTERNATIONAL CORP., CA  
[85] 2001-01-26  
[86] 1999-07-12 (PCT/CA99/00623)  
[87] 2000-02-10 (WO00/06859)  
[30] US (60/094,528) 1998-07-29

[21] **2,338,575**  
[13] A1

[51] **Int.Cl. 6F16D 41/06 6E05F 15/10 6F16H 1/16 6B60J 1/17**  
[25] EN  
[54] **CLUTCH AND DRIVE DEVICE HAVING THE CLUTCH**  
[54] **EMBRAYAGE ET DISPOSITIF DE COMMANDE EQUIPE DUDIT EMBRAYAGE**  
[72] YAMAMOTO, HIROAKI, JP  
[72] OKA, SHINJI, JP  
[72] TORII, KATSUHIKO, JP  
[71] ASMO CO., LTD., JP  
[85] 2001-01-26  
[86] 1999-08-03 (PCT/JP99/04158)  
[87] 2000-02-17 (WO00/08349)  
[30] JP (10/219050) 1998-08-03  
[30] JP (10/364594) 1998-12-22  
[30] JP (11/109495) 1999-04-16  
[30] JP (11/110805) 1999-04-19

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[21] **2,338,576**  
[13] A1  
[51] **Int.Cl. 7B01J 8/02 7B01J 12/00 7C01B 3/16 7C01B 3/38**  
[25] EN  
[54] **METHOD AND APPARATUS FOR OBTAINING ENHANCED PRODUCTION RATE OF THERMAL CHEMICAL REACTIONS**  
[54] **PROCEDE ET DISPOSITIF PERMETTANT D'AMELIORER LE COEFFICIENT DE PRODUCTION DES REACTIONS CHIMIQUES THERMIQUES**  
[72] GAO, YUFEI, US  
[72] TONKOVICH, ANNA LEE Y., US  
[72] WANG, YONG, US  
[72] WEGENG, ROBERT S., US  
[71] BATTELLE MEMORIAL INSTITUTE, US  
[85] 2001-01-26  
[86] 1999-07-27 (PCT/US99/17084)  
[87] 2000-02-10 (WO00/06295)  
[30] US (09/123,779) 1998-07-27

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[21] **2,338,578**  
[13] A1  
[51] **Int.Cl. 6F16D 41/06 6E05F 15/10 6F16H 1/16 6B60J 1/17**  
[25] EN  
[54] **DRIVING APPARATUS EQUIPPED WITH MOTOR AND DECELERATING MECHANISM**  
[54] **DISPOSITIF DE COMMANDE EQUIPE D'UN MOTEUR ET D'UN MECANISME DE REDUCTION DE LA VITESSE**  
[72] TORII, KATSUHIKO, JP  
[72] YAMAMOTO, HIROAKI, JP  
[72] OKA, SHINJI, JP  
[71] ASMO CO., LTD., JP  
[85] 2001-01-26  
[86] 1999-08-03 (PCT/JP99/04164)  
[87] 2000-02-17 (WO00/08350)  
[30] JP (10/219050) 1998-08-03  
[30] JP (10/364594) 1998-12-22  
[30] JP (11/109491) 1999-04-16  
[30] JP (11/154799) 1999-06-02

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[21] **2,338,580**  
[13] A1  
[51] **Int.Cl. 6B32B 1/08**  
[25] EN  
[54] **READILY DONNED, POWDER-FREE ELASTOMERIC ARTICLE**  
[54] **ARTICLE ELASTOMERE NON POUVRE FACILE A REVETIR**  
[72] LITTLETON, KERMIT R., US  
[72] GLORIANI, RONALD, US  
[72] BROWN, GARTH, US  
[72] WILLIAMS, JALI LAMAR, US  
[72] BAKER, JASON, US  
[72] NGUYEN, K. C., US  
[71] TACTYL TECHNOLOGIES, INC., US  
[85] 2001-01-25  
[86] 1999-08-06 (PCT/US99/16705)  
[87] 2000-02-24 (WO00/09320)  
[30] US (09/133,056) 1998-08-11

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[21] **2,338,582**  
[13] A1  
[51] **Int.Cl. 6F04B 49/02 6A47K 3/00**  
[25] EN  
[54] **FLUID VACUUM SAFETY DEVICE FOR FLUID TRANSFER SYSTEMS**  
[54] **DISPOSITIF DE SECURITE POUR SYSTEME DE TRANSFERT DE FLUIDES**  
[72] FRITZE, MARK, US  
[72] RIZZI, DAVID, US  
[72] DOWNEY, ROBERT M., US  
[72] MCKAIN, PAUL C., US  
[71] FRITZE, MARK, US  
[71] DOWNEY, ROBERT M., US  
[71] MCKAIN, PAUL C., US  
[85] 2001-01-26  
[86] 1998-07-29 (PCT/US98/15819)  
[87] 2000-02-10 (WO00/06903)

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[21] **2,338,583**  
[13] A1  
[51] **Int.Cl. 6A45B 3/00 6A45B 25/00**  
[25] EN  
[54] **PATIO UMBRELLA WITH RADIANT HEATER**  
[54] **PARASOL DE JARDIN AVEC SYSTEME DE CHAUFFAGE RADIANT**  
[72] CLARK, WALTER B., US  
[72] DAVIS, M. ROBERT, US  
[71] CLARK, WALTER B., US  
[71] DAVIS, M. ROBERT, US  
[85] 2001-01-25  
[86] 1999-08-09 (PCT/US99/18046)  
[87] 2000-02-24 (WO00/08965)  
[30] US (09/133,098) 1998-08-12

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[21] **2,338,585**  
[13] A1  
[51] **Int.Cl. 7A61B 17/68**  
[25] EN  
[54] **FIXING ELEMENT FOR BONE FRAGMENTS**  
[54] **ELEMENT DE FIXATION POUR FRAGMENTS OSSEUX**  
[72] LOB, HELKE, DE  
[71] LOB, HELKE, DE  
[85] 2001-01-24  
[86] 1999-07-20 (PCT/EP99/05194)  
[87] 2000-02-10 (WO00/06037)  
[30] DE (198 35 096.1) 1998-07-25

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[21] **2,338,593**  
[13] A1  
[51] **Int.Cl. 7H04Q 3/00**  
[25] EN  
[54] **TELECOMMUNICATIONS SWITCHING SYSTEM UTILIZING A CHANNELIZED DATABASE ACCESS MECHANISM**  
[54] **SYSTEME DE COMMUTATION DE TELECOMMUNICATIONS UTILISANT UN MECANISME D'ACCES DE BASES DE DONNEES A TOPOGRAPHIE EN CANAL**  
[72] MELAMPY, PATRICK J., US  
[72] RYAN, THERESA H., US  
[72] FISHER, DUNCAN S., US  
[72] PENFIELD, ROBERT F., US  
[71] PRIORITY CALL MANAGEMENT, INC., US  
[85] 2001-01-24  
[86] 1999-02-19 (PCT/US99/03760)  
[87] 2000-02-03 (WO00/05919)  
[30] US (09/122,148) 1998-07-24

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[21] **2,338,602**  
[13] A1  
[51] **Int.Cl. 6H04Q 7/30 6H04Q 7/32**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ALLOWING CORDLESS COMMUNICATION ATTEMPTS IN A MULTIPLE MODE SYSTEM**  
[54] **PROCEDE ET APPAREIL PERMETTANT DES TENTATIVES DE COMMUNICATION SANS CORDON DANS UN SYSTEME A MODES MULTIPLES**  
[72] HOWE, WALTER WESLEY, US  
[71] GTE WIRELESS SERVICE CORPORATION, US  
[85] 2001-01-24  
[86] 1999-07-23 (PCT/US99/16263)  
[87] 2000-02-10 (WO00/07395)  
[30] US (09/123,021) 1998-07-27

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[21] **2,338,627**  
[13] A1

[51] **Int.Cl. 7C07C 2/02 7C07F 7/00 7C07F 17/00 7C07F 3/02**  
[25] EN  
[54] **SYNTHESIS OF BIS(ALKYL CYCLOPENTADIENYL) METALLOCENES**  
[54] **SYNTHESE DE BIS(ALKYL CYCLOPENTADIENYL) METALLOCENES**  
[72] SULLIVAN, JEFFREY M., US  
[72] CRAWFORD, RICHARD D., US  
[72] HUMMEL, ALBERT A., US  
[71] BOULDER SCIENTIFIC COMPANY, US  
[85] 2001-01-25  
[86] 2000-05-30 (PCT/US00/14948)  
[87] 2000-12-07 (WO00/73248)  
[30] US (09/322,927) 1999-06-01  
[30] US (09/373,735) 1999-08-13

[21] **2,338,633**  
[13] A1

[51] **Int.Cl. 6B07C 5/00 6G06K 19/06**  
[25] EN  
[54] **METHODS AND APPARATUS EMPLOYING MULTI-SPECTRAL IMAGING FOR THE REMOTE IDENTIFICATION AND SORTING OF OBJECTS**  
[54] **PROCEDE ET DISPOSITIF UTILISANT L'IMAGERIE MULTISPECTRALE POUR L'IDENTIFICATION ET LE TRI D'OBJETS A DISTANCE**  
[72] LAWANDY, NABIL M., US  
[72] MOON, JOHN, US  
[71] SPECTRA SCIENCE CORPORATION, US  
[85] 2001-01-26  
[86] 1999-08-24 (PCT/US99/19281)  
[87] 2000-03-09 (WO00/12229)  
[30] US (60/097,906) 1998-08-26  
[30] US (60/140,567) 1999-06-23  
[30] US (09/379,062) 1999-08-23

[21] **2,338,636**  
[13] A1

[51] **Int.Cl. 7H05B 41/295**  
[25] EN  
[54] **CIRCUIT ARRANGEMENT FOR ENERGY-SAVING OPERATION OF A FLUORESCENT TUBE**  
[54] **CONFIGURATION DE CIRCUIT DESTINEE AU FONCTIONNEMENT A FAIBLE CONSOMMATION D'ENERGIE D'UN TUBE FLUORESCENT**  
[72] REINIG, WERNER, DE  
[71] INOTEC GESELLSCHAFT FUR VERKAUFSFORDERUNG, INNOVATION UND TECHNIK MBH, DE  
[85] 2001-01-26  
[86] 1999-09-30 (PCT/EP99/07256)  
[87] 2000-04-13 (WO00/21342)  
[30] DE (298 17 509.6) 1998-10-01  
[30] DE (198 45 131.8) 1998-10-01  
[30] DE (198 53 138.9) 1998-11-18

[21] **2,338,642**  
[13] A1

[51] **Int.Cl. 6B03C 3/40**  
[25] EN  
[54] **ELECTROSTATIC REDUCTION SYSTEM FOR REDUCING AIRBORNE DUST AND MICROORGANISMS**  
[54] **SYSTEME REDUCTEUR ELECTROSTATIQUE DESTINE A REDUIRE LA QUANTITE DE POUSSIERE ET DE MICRO-ORGANISMES AEROPORTES**  
[72] STONE, HENRY D., US  
[72] MITCHELL, BAILEY W., US  
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICUL, US  
[85] 2001-01-26  
[86] 1999-07-27 (PCT/US99/17047)  
[87] 2000-02-10 (WO00/06304)  
[30] US (09/122,850) 1998-07-28

[21] **2,338,645**  
[13] A1

[51] **Int.Cl. 6B21K 1/34 6B60B 1/04**  
[25] EN  
[54] **TENSIONED SPOKED BICYCLE WHEEL ASSEMBLY AND METHOD**  
[54] **PROCEDE ET ENSEMBLE DE ROUE DE BICYCLETTE A RAYON TENDU**  
[72] DIETRICH, ROLF, US  
[71] DIETRICH, ROLF, US  
[85] 2001-01-26  
[86] 1999-07-29 (PCT/US99/17175)  
[87] 2000-02-10 (WO00/06319)  
[30] US (60/094,512) 1998-07-29

[21] **2,338,646**  
[13] A1

[51] **Int.Cl. 7A61K 9/16**  
[25] EN  
[54] **MICROPARTICLES WITH ADSORBENT SURFACES, METHODS OF MAKING SAME, AND USES THEREOF**  
[54] **MICROPARTICULES AVEC DES SURFACES ADSORBANTES, PROCEDES DE FABRICATION DE CES DERNIERES, ET UTILISATION DE CES DERNIERES**  
[72] O'HAGEN, DEREK, US  
[72] SINGH, MANMOHAN, US  
[72] OTT, GARY S., US  
[72] KAZZAZ, JINA, US  
[72] BARACKMAN, JOHN, US  
[71] CHIRON CORPORATION, US  
[85] 2001-01-26  
[86] 1999-07-29 (PCT/US99/17308)  
[87] 2000-02-10 (WO00/06123)  
[30] US (09/124,533) 1998-07-29  
[30] US (09/285,855) 1999-04-02

[21] **2,338,649**  
[13] A1

[51] **Int.Cl. 7C07C 217/60 7A61K 31/135**  
[25] EN  
[54] **NEW PHENYLETHYLAMINE DERIVATIVES, PROCESSES FOR PREPARING THEM AND THEIR USE AS PHARMACEUTICAL COMPOSITIONS**  
[54] **NOUVEAUX DERIVES PHENYLETHYLAMINES, LEURS PROCEDES DE PREPARATION ET LEUR UTILISATION COMME COMPOSITIONS PHARMACEUTIQUES**  
[72] BIRKE, FRANZ, DE  
[72] JENNEWEIN, HANS-MICHAEL, DE  
[72] ANDERSKEWITZ, RALF, DE  
[71] BOEHRINGER INGELHEIM PHARMA KG, DE  
[85] 2001-01-26  
[86] 1999-07-22 (PCT/EP99/05221)  
[87] 2000-02-17 (WO00/07977)  
[30] DE (198 34 713.8) 1998-07-31



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[21] **2,338,650**  
[13] A1

[51] **Int.Cl. 7A23L 1/10 7A23L 1/185 7A23L 3/3472**  
[25] EN  
[54] **AGENT FOR STABILIZING FOODSTUFFS AND COSMETIC AGENTS, AND A METHOD FOR THE PRODUCTION THEREOF**  
[54] **AGENT POUR STABILISER DES PRODUITS ALIMENTAIRES ET DES PRODUITS COSMETIQUES, ET SON PROCEDE DE PRODUCTION**  
[72] EL SAHARTY, YASSER SHAKER IBRAHIM, EG  
[72] KRINGS, ULRICH, DE  
[72] BERGER, RALF GUNTHER, DE  
[71] UNIVERSITAT HANNOVER, DD  
[85] 2001-01-26  
[86] 1999-07-26 (PCT/DE99/02258)  
[87] 2000-02-17 (WO00/07464)  
[30] DE (198 34 764.2) 1998-08-01

[21] **2,338,651**  
[13] A1

[51] **Int.Cl. 7C07D 513/04 7C07D 209/00 7C07D 281/00 7A61P 25/18 7A61K 31/554**  
[25] EN  
[54] **PYRROLO-2,1-B|-1,3|BENZOTHIAZEPINES WITH ATYPICAL ANTIPSYCHOTIC ACTIVITY**  
[54] **PYRROLO-2,1-B|BENZOTHIAZEPINES PRESENTANT UNE ACTIVITE ANTIPSYCHOTIQUE ATYPIQUE**  
[72] NACCI, VITO, IT  
[72] CAMPANI, GIUSEPPE, IT  
[72] MINETTI, PATRIZIA, IT  
[72] DI CESARE, MARIA ASSUNTA, IT  
[71] SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE SPA, IT  
[85] 2001-01-26  
[86] 1999-07-27 (PCT/IT99/00240)  
[87] 2000-02-10 (WO00/06579)  
[30] IT (MI98A001748) 1998-07-28

[21] **2,338,652**  
[13] A1

[51] **Int.Cl. 6B65D 85/38 6A45C 11/04**  
[25] EN  
[54] **COMBINATION GLASSES AND GLASS CASE**  
[54] **LUNETTES COMBINEES ET ETUI A LUNETTES**  
[72] CONNER, WILLIAM A., US  
[71] MICROVISION OPTICAL, INC., US  
[85] 2001-01-26  
[86] 1999-07-06 (PCT/US99/15364)  
[87] 2000-02-17 (WO00/08513)  
[30] US (09/130,550) 1998-08-06

[21] **2,338,654**  
[13] A1

[51] **Int.Cl. 7C07D 471/04 7C07D 221/00 7C07D 249/00 7C07D 487/04 7C07D 211/34 7A61K 31/437**  
[25] EN  
[54] **TRIAZOLOPYRIDINES FOR THE TREATMENT OF THROMBOSIS DISORDERS**  
[54] **TRIAZOLOPYRIDINES POUR TRAITER LES DYSFONCTIONNEMENTS THROMBOTIQUES**  
[72] LAWSON, EDWARD C., US  
[72] MARYANOFF, BRUCE E., US  
[72] HOEKSTRA, WILLIAM J., US  
[71] ORTHO-MCNEIL PHARMACEUTICAL, INC., US  
[85] 2001-01-26  
[86] 1999-07-21 (PCT/US99/16572)  
[87] 2000-02-10 (WO00/06570)  
[30] US (60/094,231) 1998-07-27  
[30] US (09/354,032) 1999-07-15

[21] **2,338,656**  
[13] A1

[51] **Int.Cl. 6C07C 67/39 6C07C 51/265**  
[25] EN  
[54] **A PROCESS FOR PRODUCING TEREPHTHALIC ACID AND/OR DIMETHYL TEREPHTHALATE**  
[54] **PROCEDE DE PRODUCTION D'ACIDE TEREPHTALIQUE ET/OU DE TEREPHTALATE DE DIMETHYLE**  
[72] STERN, DAVID LAWRENCE, US  
[72] BECK, JEFFREY SCOTT, US  
[71] MOBIL OIL CORPORATION, US  
[85] 2001-01-26  
[86] 1999-07-20 (PCT/US99/16491)  
[87] 2000-02-10 (WO00/06530)  
[30] US (09/123,281) 1998-07-28

[21] **2,338,657**  
[13] A1

[51] **Int.Cl. 7B01J 27/26 7B01J 31/02 7C08G 18/48**  
[25] EN  
[54] **BIMETALLIC-CYANIDE CATALYSTS USED FOR PREPARING POLYETHER POLYOLS**  
[54] **CATALYSEURS DE CYANURE BIMETALLIQUES UTILISES POUR PREPARER DES POLYOLS DE POLYETHER**  
[72] GUPTA, PRAMOD, DE  
[72] SCHAFFER, WALTER, DE  
[72] HOFMANN, JORG, DE  
[72] OOMS, PIETER, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2001-01-26  
[86] 1999-07-20 (PCT/EP99/05150)  
[87] 2000-02-17 (WO00/07721)  
[30] DE (198 34 573.9) 1998-07-31

[21] **2,338,658**  
[13] A1

[51] **Int.Cl. 7C11D 17/00 7C11D 3/37**  
[25] EN  
[54] **COMPOSITION FOR USE IN A WATER RESERVOIR**  
[54] **COMPOSITION S'UTILISANT DANS UN RESERVOIR D'EAU**  
[72] WAESCHENBACH, GUIDO, DE  
[72] WIEDEMANN, RALF, DE  
[72] ROBINSON, PAUL W., DE  
[72] CORDELLINA, ANTONIO, IT  
[72] BOSCO, MANUELA, IT  
[72] CARBONELL, ENRIC, ES  
[72] CLOTET, JOAN, ES  
[72] ZAMUNER, DORA, IT  
[72] FRANZOLIN, GIORGIO, IT  
[71] BENCKISER N.V., NL  
[71] BENCKISER TEMIZLIK MALZEMESI SANAYI VE TICARET A.S., TR  
[85] 2001-01-26  
[86] 1999-07-29 (PCT/TR99/00035)  
[87] 2000-02-10 (WO00/06689)  
[30] DE (198 34 181.4) 1998-07-29

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[21] **2,338,661**  
[13] A1

[51] **Int.Cl. 7G07D 7/00**  
[25] EN  
[54] **SECURITY PAPER, METHOD AND DEVICE FOR CHECKING THE AUTHENTICITY OF DOCUMENTS RECORDED THEREON**  
[54] **PAPIER DE SECURITE, PROCEDE ET DISPOSITIF DE VERIFICATION DE L'AUTHEENTICITE DES ACTES IMPRIMES SUR CE PAPIER**  
[72] BROSOW, JOERGEN, US  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[71] BROSOW, JOERGEN, US  
[85] 2001-01-26  
[86] 1999-07-27 (PCT/EP99/05390)  
[87] 2000-02-10 (WO00/07151)  
[30] DE (198 33 746.9) 1998-07-27  
[30] DE (198 49 762.8) 1998-10-28

[21] **2,338,662**  
[13] A1

[51] **Int.Cl. 7A61F 2/06 7D03D 13/00 7D03J 5/00**  
[25] EN  
[54] **WOVEN STENT/GRAFT STRUCTURE**  
[54] **STRUCTURE TISSEE EXTENSEUR/GREFFON**  
[72] GREENHALGH, E. SKOTT, US  
[71] PRODESCO, INC., US  
[85] 2001-01-26  
[86] 1999-08-04 (PCT/US99/17646)  
[87] 2000-02-24 (WO00/09059)  
[30] US (09/134,192) 1998-08-14

[21] **2,338,665**  
[13] A1

[51] **Int.Cl. 7A61K 47/48 7C12N 9/06 7A61K 38/44**  
[25] EN  
[54] **PEG-URATE OXIDASE CONJUGATES AND USE THEREOF**  
[54] **CONJUGUES PEG - URATE OXYDASE ET UTILISATION ASSOCIEE**  
[72] SAIFER, MARK G.P., US  
[72] SHERMAN, MERRY R., US  
[72] KELLY, SUSAN J., US  
[72] HERSHFIELD, MICHAEL S., US  
[72] WILLIAMS, L. DAVID, US  
[71] MOUNTAIN VIEW PHARMACEUTICALS, INC., US  
[71] DUKE UNIVERSITY, US  
[85] 2001-01-26  
[86] 1999-08-02 (PCT/US99/17514)  
[87] 2000-02-17 (WO00/07629)  
[30] US (09/130,392) 1998-08-06

[21] **2,338,666**  
[13] A1

[51] **Int.Cl. 6G06K 5/00 6H04M 1/64**  
[25] EN  
[54] **METHOD FOR PREDICTIVE ROUTING OF INCOMING CALLS WITHIN A COMMUNICATION CENTER ACCORDING TO HISTORY AND MAXIMUM PROFIT/ CONTRIBUTION ANALYSIS**  
[54] **PROCEDE D'ACHEMINEMENT PREDICTIF D'APPELS ENTRANTS DANS UN CENTRE DE COMMUNICATION EN FONCTION DE L'HISTORIQUE ET D'UNE ANALYSE DE PROFIT/CONTRIBUTION MAXIMAUX**  
[72] SHENKMAN, GRIGORY, US  
[71] GENESYS TELECOMMUNICATIONS LABORATORIES, INC., US  
[85] 2001-01-26  
[86] 1999-07-26 (PCT/US99/16288)  
[87] 2000-02-10 (WO00/07135)  
[30] US (09/127,284) 1998-07-31

[21] **2,338,720**  
[13] A1

[51] **Int.Cl. 7B26F 1/20 7B26D 11/00**  
[25] EN  
[54] **PERFORATOR FOR WEBLIKE MATERIALS WITH MEANS FOR MODIFYING THE INTERVAL BETWEEN CONSECUTIVE LINES OF PERFORATIONS**  
[54] **PERFORATEUR POUR MATERIAUX DU TYPE EN BANDE, DOTE DE MOYENS DE MODIFICATION DE L'INTERVALLE ENTRE DES LIGNES CONSECUTIVES DE PERFORATIONS**  
[72] BIAGIOTTI, GUGLIELMO, IT  
[71] FABIO PERINI S.P.A., IT  
[85] 2001-01-26  
[86] 1999-07-21 (PCT/IT99/00230)  
[87] 2000-02-10 (WO00/06351)  
[30] IT (FI98U000081) 1998-07-27

[21] **2,338,721**  
[13] A1

[51] **Int.Cl. 7C07H 19/167 7C12Q 1/68**  
[25] EN  
[54] **NEW COFACTORS FOR METHYLTRANSFERASES**  
[54] **NOUVEAUX COFACTEURS DES METHYLTRANSFERASES**  
[72] WEINHOLD, ELMAR, DE  
[72] PIGNOT, MARC, DE  
[71] MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V., DE  
[85] 2001-01-26  
[86] 1999-07-28 (PCT/EP99/05405)  
[87] 2000-02-10 (WO00/06587)  
[30] EP (98114201.1) 1998-07-29

[21] **2,338,722**  
[13] A1

[51] **Int.Cl. 7A61M 15/00**  
[25] EN  
[54] **POWDER FEEDING DEVICE**  
[54] **DISPOSITIF D'ALIMENTATION EN POUDRE**  
[72] NILSSON, LARS-GUNNAR, SE  
[71] MICRODRUG AG, CH  
[85] 2001-01-26  
[86] 1999-07-08 (PCT/SE99/01243)  
[87] 2000-02-10 (WO00/06236)  
[30] SE (9802648-7) 1998-07-30

[21] **2,338,723**  
[13] A1

[51] **Int.Cl. 7H04Q 7/38 7H04L 12/28 7H04Q 7/32 7H04L 12/56**  
[25] EN  
[54] **POWER SAVING DURING RANDOM ACCESS**  
[54] **ECONOMIE D'ENERGIE PENDANT L'ACCES SELECTIF**  
[72] HERLITZ, ANDERS, SE  
[72] HANSSON, ROLF, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-01-26  
[86] 1999-07-13 (PCT/SE99/01264)  
[87] 2000-02-24 (WO00/10359)  
[30] US (09/132,058) 1998-08-11

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<p style="text-align: right;">[21] <b>2,338,724</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01S 7/52 7G01S 15/89</b> [25] EN [54] <b>METHOD AND APPARATUS FOR SPATIAL AND TEMPORAL FILTERING OF INTRAVASCULAR ULTRASONIC IMAGE DATA</b> [54] <b>PROCEDE ET DISPOSITIF DE FILTRAGE SPATIAL ET TEMPOREL DE DONNEES D'IMAGES ULTRASONORES INTRAVASCULAIRES</b> [72] ZHANG, XIANGMIN, US [72] TEO, TAT-JIN, US [71] BOSTON SCIENTIFIC LIMITED, BB [85] 2001-01-26 [86] 1999-07-29 (PCT/IB99/01346) [87] 2000-02-10 (WO00/07035) [30] US (09/127,029) 1998-07-30</p>	<p style="text-align: right;">[21] <b>2,338,726</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65B 1/04</b> [25] EN [54] <b>PLURAL LIQUID DELIVERY SYSTEM</b> [54] <b>SYSTEME DE DISTRIBUTION DE LIQUIDE MULTI-ELEMENTS</b> [72] MEISNER, EDWARD H., US [72] KRISTIANSEN, KEITH C., US [72] BALLONE, MICHAEL P., US [71] PERRIER GROUP OF AMERICA, INC., US [85] 2001-01-29 [86] 1999-07-27 (PCT/US99/16946) [87] 2000-02-10 (WO00/06451) [30] US (09/124,433) 1998-07-29</p>	<p style="text-align: right;">[21] <b>2,338,728</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/165 7A61K 9/08 7A61K 47/10</b> [25] EN [54] <b>PHARMACEUTICAL COMPOSITION FOR INJECTION BASED ON PARACETAMOL</b> [54] <b>COMPOSITION PHARMACEUTIQUE POUR INJECTIONS A BASE DE PARACETAMOL</b> [72] CAVALLO, GIOVANNI, IT [72] PINZA, MARIO, IT [71] AZIENDE CHIMICHE RIUNITE ANGELINI FRANCESCO A.C.R.A.F. S.P.A., IT [85] 2001-01-29 [86] 1999-07-27 (PCT/EP99/05486) [87] 2000-02-17 (WO00/07588) [30] IT (MI98A001795) 1998-07-31</p>
<p style="text-align: right;">[21] <b>2,338,725</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G11C 7/00 7H04N 1/21</b> [25] EN [54] <b>SEMICONDUCTOR MEMORY CARD, PLAYBACK APPARATUS, RECORDING APPARATUS, PLAYBACK METHOD, RECORDING METHOD, AND A COMPUTER-READABLE STORAGE MEDIUM</b> [54] <b>CARTE MEMOIRE A SEMICONDUCTEURS, APPAREIL DE LECTURE, APPAREIL D'ENREGISTREMENT, PROCEDE DE LECTURE, PROCEDE D'ENREGISTREMENT ET SUPPORT DE MEMORISATION LISIBLE PAR ORDINATEUR</b> [72] KOZUKA, MASAYUKI, US [72] TAGAWA, KENJI, JP [72] HIROTA, TERUTO, JP [72] MATSUSHIMA, HIDEKI, US [72] INOUE, SHINJI, JP [72] ISHIKAWA, TOMOKAZU, JP [71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP [85] 2001-01-26 [86] 2000-05-24 (PCT/JP00/03300) [87] 2000-12-07 (WO00/74061) [30] JP (11/149893) 1999-05-28 [30] JP (11/236724) 1999-08-24 [30] JP (11/372604) 1999-12-28</p>	<p style="text-align: right;">[21] <b>2,338,727</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/335 6C07D 205/02 6C07D 275/02 6C07D 277/02 6C07D 209/04 6C07D 241/04 6C07D 249/04 6C07D 285/04 6C07D 401/04 6C07D 403/04 6C07D 405/04 6C07D 409/04 6C07D 413/04 6C07D 417/04 6C07D 285/06 6C07D 401/06 6C07D 403/06 6C07D 405/06 6C07D 409/06 6C07D 413/06 6C07D 417/06 6C07D 249/08 6C07D 261/08 6C07D 285/08 6C07D 285/10 6C07D 209/12 6C07D 215/12 6C07D 219/12 6C07D 231/12 6C07D 285/12 6C07D 319/12 6C07D 401/12 6C07D 403/12 6C07D 405/12 6C07D 409/12 6C07D 413/12 6C07D 417/12 6C07D 209/14 6C07D 401/14 6C07D 403/14 6C07D 405/14 6C07D 409/14 6C07D 413/14 6C07D 417/14 6C07D 251/22 6C07D 211/26 6C07D 239/26 6C07D 317/26 6C07D 317/28 6C07D 211/30 6C07D 237/30 6C07D 263/32 6C07D 213/36 6A61K 31/38 6A61K 31/395 6A61K 31/40 6A61K 31/41 6A61K 31/415 6C07D 241/42 6A61K 31/42 6A61K 31/425 6A61K 31/435 6A61K 31/44 6A61K 31/445 6A61K 31/47 6A61K 31/495 6C07D 213/50 6A61K 31/505 6A61K 31/535 6C07D 231/54 6C07D 233/54 6C07D 213/56 6C07D 231/56 6C07D 233/56 6C07D 233/58 6C07D 209/82 6C07D 211/86</b> [25] EN [54] <b>INDOLE SPLA2 INHIBITORS</b> [54] <b>INHIBITEURS DE SPLA2 DE TYPE INDOLE</b> [72] PHILLIPS, MICHAEL LEROY, US [72] WARSHAWSKY, ALAN M., US [72] MIHELICH, EDWARD DAVID, US [71] ELI LILLY AND COMPANY, US [85] 2001-01-29 [86] 1999-08-02 (PCT/US99/17460) [87] 2000-02-17 (WO00/07591) [30] US (60/095,109) 1998-08-03</p>	<p style="text-align: right;">[21] <b>2,338,729</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B23B 51/00</b> [25] EN [54] <b>BORING TOOL COMPRISING A REPLACEABLE CUTTING INSERT WHICH IS SECURED AGAINST DETACHING</b> [54] <b>OUTIL DE PERCAGE COMPORTANT UNE PLAQUETTE DE COUPE REMPLACABLE INDESERRABLE</b> [72] GUHRING, JORG, DE [71] GUHRING, JORG, DE [85] 2001-01-29 [86] 1999-07-21 (PCT/EP99/05217) [87] 2000-02-17 (WO00/07761) [30] DE (198 34 635.2) 1998-07-31</p>
		<p style="text-align: right;">[21] <b>2,338,786</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61M 5/00</b> [25] EN [54] <b>LIGHT GUIDING DEVICE AND METHOD</b> [54] <b>DISPOSITIF DE GUIDAGE DE LUMIERE ET PROCEDE ASSOCIE</b> [72] LANDI, MICHAEL K., US [72] MCNEINNEY, JOHN C., US [71] MINRAD INC., US [85] 2001-01-25 [86] 1999-07-26 (PCT/US99/16273) [87] 2000-02-10 (WO00/06222) [30] US (09/122,922) 1998-07-27</p>

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<p style="text-align: right;">[21] <b>2,338,790</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E06B 9/36</b> [25] EN [54] <b>DRIVE DEVICE, ESPECIALLY FOR MOVING AND TURNING THE SLATS OF A BLIND IN A RUNNER</b> [54] <b>DISPOSITIF D'ENTRAINEMENT, NOTAMMENT POUR FAIRE COULISSER ET TOURNER DES LAMELLES D'UN STORE INTERIEUR DANS UNE GLISSIERE</b> [72] HUGIN, WALTER, DE [71] TRIETEX ANTRIEBSTECHNIK GMBH, DE [85] 2001-01-25 [86] 1999-07-21 (PCT/DE99/02282) [87] 2000-02-10 (WO00/06865) [30] DE (198 34 082.6) 1998-07-29</p>	<p style="text-align: right;">[21] <b>2,338,794</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 9/20 7A61P 1/00</b> [25] EN [54] <b>NEW ORAL FORMULATION FOR 5-HT4 AGONISTS OR ANTAGONISTS</b> [54] <b>NOUVELLE FORMULATION ORALE D'AGONISTES OU D'ANTAGONISTES DE 5-HT4</b> [72] ZUGER, OTHMAR, CH [72] DE BRUIJN, KAREL, FR [72] THEWISSEN, MICHAEL, DE [72] VITZLING, CHRISTIAN, FR [72] ENGEL, GUNTER, DE [72] PFANNKUCHE, HANS-JURGEN, DE [71] NOVARTIS AG, CH [85] 2001-01-26 [86] 1999-08-19 (PCT/EP99/06083) [87] 2000-03-02 (WO00/10526) [30] GB (9818340.3) 1998-08-21 [30] GB (9823477.6) 1998-10-27 [30] GB (9910320.2) 1999-05-05 [30] GB (9911059.5) 1999-05-12</p>	<p style="text-align: right;">[21] <b>2,338,798</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C09J 7/00 7C09J 5/00 7C09J 7/02</b> [25] EN [54] <b>ADHESIVE SYSTEM FOR ADHERING POLAR TO NON-POLAR SURFACES</b> [54] <b>SYSTEME D'ADHESIF SERVANT A COLLER DES SURFACES POLAIRES A DES SURFACES NON POLAIRES</b> [72] FISHER, DENNIS K., US [72] WOOD, JAMES F., US [72] EDER, STEPHEN J., US [71] ADCO PRODUCTS, INC., US [85] 2001-01-26 [86] 1999-07-23 (PCT/US99/16262) [87] 2000-02-10 (WO00/06662) [30] US (09/123,914) 1998-07-29</p>
<p style="text-align: right;">[21] <b>2,338,792</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 9/20</b> [25] EN [54] <b>RAPIDLY DISINTEGRABLE SOLID PREPARATION</b> [54] <b>PREPARATION SOLIDE A DESINTEGRATION RAPIDE</b> [72] NAKANO, YOSHINORI, JP [72] SHIMIZU, TOSHIHIRO, JP [72] SUGAYA, MASAE, JP [71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP [85] 2001-01-26 [86] 1999-07-27 (PCT/JP99/04015) [87] 2000-02-10 (WO00/06126) [30] JP (10/213049) 1998-07-28</p>	<p style="text-align: right;">[21] <b>2,338,797</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 38/18 6A61K 38/19 6A61K 38/20 6A61K 38/21 6A61K 38/25 6A61K 38/30 6A61K 38/47 6A61K 35/78</b> [25] EN [54] <b>HAIR GROWTH/MAINTENANCE COMPOSITIONS AND METHODS INVOLVING THE SAME</b> [54] <b>COMPOSITIONS DE POUSSE/ CONSERVATION DES CHEVEUX ET METHODES FAISANT APPEL AUXDITES COMPOSITIONS</b> [72] KO, THOMAS SAI YING, AU [71] MEDIKO PTY LTD., AU [85] 2001-01-26 [86] 1999-07-28 (PCT/AU99/00607) [87] 2000-02-10 (WO00/06188) [30] AU (PP 4897) 1998-07-28</p>	<p style="text-align: right;">[21] <b>2,338,800</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F16L 11/00 6F16L 9/00 6F16L 55/16 6F16L 9/18</b> [25] EN [54] <b>ENHANCEMENT OF PROFILED TUBULAR LINING SYSTEMS BY CHANNEL AUGMENTATION</b> [54] <b>AMELIORATION DE SYSTEMES TUBULAIRES A CHEMISE PROFILEE GRACE A UNE AUGMENTATION DES CONDUITS</b> [72] TAYLOR, JACK CURTIS, US [72] ROACH, MAX JERRY, US [71] SAFETYLINER SYSTEMS, LLC, US [85] 2001-01-26 [86] 1999-07-28 (PCT/US99/16968) [87] 2000-02-10 (WO00/06933) [30] US (60/094,326) 1998-07-28</p>

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,338,801</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07F 7/22 6A61K 31/32</b> [25] EN [54] <b>TIN POLYOXAALKANECARBOXYLATES AND COMPOSITIONS CONTAINING THEM</b> [54] <b>POLYOXAALCANECARBOXYLATES D'ETAİN ET COMPOSITIONS QUI LES CONTIENNENT</b> [72] GIELEN, MARCEL, BE [72] DE VOS, DICK, NL [72] BIESEMANS, MONIQUE, BE [72] KEMMER, MARTINE, LU [72] WILLEM, RUDOLPH, BE [71] PHARMACHEMIE B.V., NL [85] 2001-01-26 [86] 1998-07-29 (PCT/NL98/00429) [87] 2000-02-10 (WO00/06583)</p>	<p style="text-align: right;">[21] <b>2,338,804</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/34 6C07C 211/00 6C07D 211/06 6C07D 491/107 6A61K 31/135 6A61K 31/38 6A61K 31/40 6A61K 31/405 6A61K 31/42 6A61K 31/44 6A61K 31/47</b> [25] EN [54] <b>PROPENAMIDES AS CCR5 MODULATORS</b> [54] <b>PROPENAMIDES TENANT LIEU DE MODULATEURS DE CCR5</b> [72] BONDINELL, WILLIAM E., US [72] KU, THOMAS W., US [72] NEEB, MICHAEL J., US [71] SMITHKLINE BEECHAM CORPORATION, US [85] 2001-01-26 [86] 1999-07-28 (PCT/US99/17117) [87] 2000-02-10 (WO00/06153) [30] US (60/094,405) 1998-07-28</p>	<p style="text-align: right;">[21] <b>2,338,806</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 2/02</b> [25] EN [54] <b>COMPOSITION FOR FRESHENING NOSTRILS AND SINUS CAVITIES</b> [54] <b>COMPOSITION POUR RAFRAICHIR LES NARINES OU LES SINUS</b> [72] FUST, CHARLES A., US [71] FUST, CHARLES A., US [85] 2001-01-26 [86] 1999-07-28 (PCT/US99/17069) [87] 2000-02-10 (WO00/06050) [30] US (09/123,646) 1998-07-28 [30] US (09/152,151) 1998-09-11</p>
<p style="text-align: right;">[21] <b>2,338,802</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01N 25/08</b> [25] EN [54] <b>ANTIMICROBIAL TREATMENT OF ENCLOSED SYSTEMS HAVING CONTINUOUS OR INTERMITTENT FLUID FLOW</b> [54] <b>TRAITEMENT ANTIMICROBIEN DE SYSTEMES DE FLUIDES EN CIRCUIT FERME A ECOULEMENT CONTINU OU INTERMITTENT</b> [72] PATIL, ARVIND, S., US [71] MICROBAN PRODUCTS COMPANY, US [85] 2001-01-26 [86] 1999-07-29 (PCT/US99/17313) [87] 2000-02-10 (WO00/05949) [30] US (60/094,532) 1998-07-29 [30] US (09/362,619) 1999-07-28</p>	<p style="text-align: right;">[21] <b>2,338,805</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61N 1/08</b> [25] EN [54] <b>DEVICE AND METHOD FOR PRODUCTION OF VISUAL SENSATIONS BY OPTIC NERVE STIMULATION</b> [54] <b>PRODUCTION DE SENSATIONS VISUELLES PAR STIMULATION DU NERF OPTIQUE ET DISPOSITIF A CET EFFET</b> [72] MORTIMER, J.THOMAS, US [72] VERAART, CLAUDE G., BE [71] MORTIMER, J.THOMAS, US [71] VERAART, CLAUDE G., BE [85] 2001-01-26 [86] 1999-07-23 (PCT/US99/16793) [87] 2000-02-10 (WO00/06248) [30] US (60/094,266) 1998-07-27 [30] US (60/100,492) 1998-09-16</p>	<p style="text-align: right;">[21] <b>2,338,808</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61N 1/362</b> [25] EN [54] <b>AN ALGORITHM FOR AUTOMATICALLY CHECKING THE PACING SAFETY MARGIN IN CARDIAC PACING SYSTEMS</b> [54] <b>ALGORITHME DE VERIFICATION AUTOMATIQUE DE LA MARGE DE SECURITE DE LA STIMULATION DANS DES SYSTEMES DE STIMULATION CARDIAQUE</b> [72] LANG, DOUGLAS J., US [72] ZHU, QINGSHENG, US [71] CARDIAC PACEMAKERS, INC., US [85] 2001-01-26 [86] 1999-07-28 (PCT/US99/17068) [87] 2000-02-10 (WO00/06250) [30] US (09/124,796) 1998-07-29</p>
		<p style="text-align: right;">[21] <b>2,338,809</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E21B 4/02 7F03B 13/02 7F01D 1/34</b> [25] EN [54] <b>DRILLING TURBINE</b> [54] <b>TURBINE DE FORAGE</b> [72] STEWART, KENNETH RODERICK, GB [72] VAN DRENTHAM-SUSMAN, HECTOR FILIPPUS ALEXANDER, GB [71] ROTTECH HOLDINGS LIMITED, GB [85] 2001-01-26 [86] 1999-07-27 (PCT/GB99/02450) [87] 2000-02-17 (WO00/08293) [30] GB (9816607.7) 1998-07-31</p>

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,338,810</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B21B 35/00</b> [25] EN [54] <b>SHORT-HOLE DRILL BIT FORET POUR TROUS DE FAIBLE PROFONDEUR</b> [72] LARSON, FRED R., US [71] DIESEL TECHNOLOGY COMPANY, US [85] 2001-01-26 [86] 1999-07-27 (PCT/US99/17006) [87] 2000-02-10 (WO00/06329) [30] US (09/124,482) 1998-07-29</p>	<p style="text-align: right;">[21] <b>2,338,813</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08F 2/28 7C09D 5/14</b> [25] EN [54] <b>ANTIMICROBIAL POLYMER LATEXES DERIVED FROM UNSATURATED QUATERNARY AMMONIUM COMPOUNDS AND ANTIMICROBIAL COATINGS, SEALANTS, ADHESIVES AND ELASTOMERS PRODUCED FROM SUCH LATEXES</b> [54] <b>LATEX POLYMERES ANTI- MICROBIENS DERIVES DE COMPOSES D'AMMONIUM QUATERNAIRE INSATURE ET REVETEMENTS, AGENTS DE SCELLEMENT, ADHESIFS ET ELASTOMERES ANTI-MICROBIENS FABRIQUES A PARTIR DE CES LATEX</b> [72] SIDDIQUI, ADNAN, US [72] SCHULTZ, ALFRED K., US [71] STEPAN COMPANY, US [85] 2001-01-26 [86] 1999-07-28 (PCT/US99/17028) [87] 2000-02-10 (WO00/06612) [30] US (09/124,418) 1998-07-28</p>	<p style="text-align: right;">[21] <b>2,338,816</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 519/00 6A61K 31/425</b> [25] EN [54] <b>NOVEL CARBAPENEM DERIVATIVES</b> [54] <b>NOUVEAUX DERIVES DE CARBAPENEM</b> [72] KITAGAWA, HIDEO, JP [72] MARUYAMA, TAKAHISA, JP [72] IDA, TAKASHI, JP [72] AKIYAMA, YOSHIHISA, JP [72] TANABE, KIYOSHI, JP [72] TAKIZAWA, HIROMASA, JP [72] IWAMATSU, KATSUYOSHI, JP [72] ATSUMI, KUNIO, JP [72] SASAKI, TOSHIRO, JP [72] KANO, YUKO, JP [72] SAMBONGI, YUMIKO, JP [72] ANDO, TAKASHI, JP [72] AIHARA, KAZUHIRO, JP [71] MEIJI SEIKA KAISHA, LTD., JP [85] 2001-01-26 [86] 1999-07-27 (PCT/JP99/04025) [87] 2000-02-10 (WO00/06581) [30] JP (10/210534) 1998-07-27</p>
<p style="text-align: right;">[21] <b>2,338,812</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04J 3/16</b> [25] EN [54] <b>METHOD AND SYSTEM FOR IMPROVED SONET DATA COMMUNICATIONS CHANNEL</b> [54] <b>PROCEDE ET APPAREIL DE PRODUCTION D'UN CANAL AMELIORE DE COMMUNICATION DE DONNEES EN RESEAU OPTIQUE SYNCHRONE</b> [72] KLISH, CYPRIAN T., II, US [71] NORTEL NETWORKS LIMITED, CA [85] 2001-01-26 [86] 1999-07-27 (PCT/US99/16873) [87] 2000-02-10 (WO00/07313) [30] US (60/094,415) 1998-07-28</p>	<p style="text-align: right;">[21] <b>2,338,815</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B01J 37/02</b> [25] EN [54] <b>MULTILAYERED CATALYST AND METHOD FOR PREPARATION THEREOF</b> [54] <b>CATALYSEUR MULTICOUCHE ET SON PROCEDE DE FABRICATION</b> [72] GAO, YUFEI, US [72] WANG, YONG, US [72] TONKOVICH, ANNA LEE Y., US [71] BATTELLE MEMORIAL INSTITUTE, US [85] 2001-01-26 [86] 1999-07-27 (PCT/US99/17083) [87] 2000-02-10 (WO00/06301) [30] US (09/123,781) 1998-07-27</p>	<p style="text-align: right;">[21] <b>2,338,817</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A46D 9/00</b> [25] EN [54] <b>BRUSH WITH A BRISTLE HOLDER AND METHOD FOR THE PRODUCTION THEREOF</b> [54] <b>BROSSE AVEC SUPPORT DE POILS ET PROCEDE DE FABRICATION DE LADITE BROSSE</b> [72] WEIHRAUCH, GEORG, DE [71] CORONET-WERKE GMBH, DE [85] 2001-01-26 [86] 1999-07-13 (PCT/EP99/04900) [87] 2000-02-10 (WO00/05993) [30] DE (198 34 055.9) 1998-07-29</p>

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[21] **2,338,819**  
[13] A1

[51] **Int.Cl. 7C02F 5/00 7C11D 17/00 7C02F 5/08 7C02F 5/10 7C02F 5/12 7C02F 1/42 7C02F 1/50**  
[25] EN  
[54] **COMPOSITION FOR USE IN A WATER RESERVOIR**  
[54] **COMPOSITION S'UTILISANT DANS UN RESERVOIR D'EAU**  
[72] WAESCHENBACH, GUIDO, DE  
[72] CARBONELL, ENRIC, ES  
[72] WIEDEMANN, RALF, DE  
[72] ENDLEIN, EDGAR, DE  
[72] GIBIS, KARL LUDWIG, DE  
[71] BENCKISER N.V., NL  
[71] BENCKISER TEMIZLIK MALZEMESI SANAYI VE TICARET A.S., TR  
[85] 2001-01-26  
[86] 1999-07-29 (PCT/TR99/00036)  
[87] 2000-02-10 (WO00/06505)  
[30] DE (198 34 178.4) 1998-07-29

[21] **2,338,820**  
[13] A1

[51] **Int.Cl. 7C12N 15/67 7C12N 5/10 7C07K 14/47**  
[25] EN  
[54] **OVEREXPRESSION OF DESIRED PROTEINS IN EUKARYOTIC CELLS MEDIATED BY CYCLIN D1 OVEREXPRESSION**  
[54] **SUREXPRESSION DE PROTEINES RECHERCHEES DANS DES CELLULES EUCARYOTES PRODUITE PAR LA SUREXPRESSION DE LA CYCLINE D1**  
[72] BRANKOW, DAVID WILLIAM, US  
[72] GUDAS, JEAN MARIE, US  
[72] HU, SHAW-FEN SYLVIA, US  
[71] AMGEN INC., US  
[85] 2001-01-26  
[86] 1999-08-11 (PCT/US99/18213)  
[87] 2000-02-24 (WO00/09714)  
[30] US (60/096,086) 1998-08-11  
[30] US (09/371,309) 1999-08-10

[21] **2,338,821**  
[13] A1

[51] **Int.Cl. 7H04M 3/42 7H04Q 7/22 7H04Q 7/32**  
[25] EN  
[54] **PERFORMING INTERACTIVE SERVICE DIALOGS IN A TELECOMMUNICATION NETWORK**  
[54] **PROCEDE D'EXECUTION D'UN SERVICE DE DIALOGUES INTERACTIF DANS UN RESEAU DE TELECOMMUNICATION**  
[72] KLAS, GUNTER, DE  
[72] BECHER, REINHARD, DE  
[71] SIEMENS AKTIENGESSELLSCHAFT, DE  
[85] 2001-01-26  
[86] 1999-07-29 (PCT/DE99/02346)  
[87] 2000-02-10 (WO00/07348)  
[30] DE (198 34 210.1) 1998-07-29

[21] **2,338,822**  
[13] A1

[51] **Int.Cl. 7C11D 3/06 7C11D 3/08 7C11D 7/16**  
[25] EN  
[54] **MULTIFUNCTIONAL DETERGENT MATERIALS**  
[54] **DETERGENTS MULTIFONCTIONNELS**  
[72] ROJO, JOSE ANDRES, MX  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-01-26  
[86] 1999-08-17 (PCT/US99/18655)  
[87] 2000-02-24 (WO00/09641)  
[30] US (60/096,758) 1998-08-17

[21] **2,338,825**  
[13] A1

[51] **Int.Cl. 7C07D 239/74 7A61K 31/517**  
[25] EN  
[54] **LIPID-LOWERING QUINAZOLINE DERIVATIVE**  
[54] **DERIVE DE QUINAZOLINE HYPOLIPIDEMIAN**  
[72] UCKUN, FATIH M., US  
[72] TRIEU, VUONG N., US  
[72] LIU, XING-PING, US  
[71] PARKER HUGHES INSTITUTE, US  
[85] 2001-01-26  
[86] 1999-07-13 (PCT/US99/15841)  
[87] 2000-02-10 (WO00/06554)  
[30] US (09/126,940) 1998-07-30

[21] **2,338,826**  
[13] A1

[51] **Int.Cl. 7G11B 20/00**  
[25] EN  
[54] **THE COPY PROTECTION OF DIGITAL AUDIO COMPACT DISCS**  
[54] **PROTECTION CONTRE LA COPIE DE DISQUES COMPACTS NUMERIQUES AUDIO**  
[72] EDWARDS, ROGER, GB  
[71] MACROVISION EUROPE LIMITED, GB  
[85] 2001-01-26  
[86] 2000-05-25 (PCT/GB00/02011)  
[87] 2000-12-07 (WO00/74053)  
[30] GB (9912312.7) 1999-05-26

[21] **2,338,827**  
[13] A1

[51] **Int.Cl. 6C07D 215/54 6C07D 471/04 6C07D 495/04 6C07D 498/04 6C07D 491/048 6C07D 491/052 6C07D 491/056 6A01N 43/42 6C07D 241/44 6A01N 43/60 6A01N 43/90**  
[25] EN  
[54] **FUSED-HETEROCYCLE DICARBOXYLIC DIAMIDE DERIVATIVES OR SALTS THEREOF, HERBICIDES AND USAGE THEREOF**  
[54] **DERIVES DE DIAMIDE DICARBOXYLIQUE A HETEROCYCLE CONDENSE OU SELS DE CEUX-CI, HERBICIDES ET LEUR UTILISATION**  
[72] KAWABATA, YOUICHI, JP  
[72] HARAYAMA, HIROTO, JP  
[72] ODA, YOSHIKI, JP  
[72] YAMAGUCHI, HIROSHI, JP  
[72] MURAI, MASAHIKO, JP  
[72] KATSUHIRA, TAKESHI, JP  
[72] TAKAISHI, HIDEO, JP  
[71] NIHON NOHYAKU CO., LTD., JP  
[85] 2001-01-26  
[86] 1999-07-27 (PCT/JP99/04009)  
[87] 2000-02-10 (WO00/06549)  
[30] JP (10/212817) 1998-07-28

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,338,828</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B01J 13/00</b> [25] EN [54] <b>MICROPARTICLES PRODUCED FROM CYCLIC OLEFIN COPOLYMERS AND THEIR USE FOR THE CONTROLLED RELEASE OF ACTIVE AGENTS</b> [54] <b>MICROPARTICULES FABRIQUEES A PARTIR DE COPOLYMERES DE CYCLO-OLEFINES ET LEUR UTILISATION POUR LA LIBERATION CONTROLEE DE CONSTITUANTS ACTIFS</b> [72] RUEPPEL, DIETHER, DE [72] OSAN, FRANK, DE [72] BERGER, KLAUS, DE [72] SCHNELLER, ARNOLD, DE [72] HAHN, BERND, DE [71] AVENTIS RESEARCH &amp; TECHNOLOGIES GMBH &amp; CO. KG, DE [85] 2001-01-26 [86] 1999-07-03 (PCT/EP99/04642) [87] 2000-02-10 (WO00/06296) [30] DE (198 34 025.7) 1998-07-28</p>	<p style="text-align: right;">[21] <b>2,338,832</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 1/20 6A01N 63/02 6C07D 413/06 6C12P 17/18 6A61K 31/42 6A01N 43/76</b> [25] EN [54] <b>PROCESS FOR PRODUCING INDOLEMYCIN</b> [54] <b>PROCEDE DE PRODUCTION D'INDOLEMYCINE</b> [72] IZAWA, MOTOO, JP [72] MIYAGAWA, KEN-ICHIRO, JP [72] NAOTSUKA, AKIHIKO, JP [71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP [85] 2001-01-29 [86] 1999-07-29 (PCT/JP99/04073) [87] 2000-02-10 (WO00/06697) [30] JP (10/215650) 1998-07-30</p>	<p style="text-align: right;">[21] <b>2,338,836</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A47L 13/16</b> [25] EN [54] <b>WIPE ARTICLE HAVING A THREE-DIMENSIONAL WIPING SURFACE</b> [54] <b>ARTICLE DE NETTOYAGE, PRESENTANT UNE SURFACE DE NETTOYAGE TRIDIMENSIONNELLE</b> [72] HANSER, THOMAS ROBERT, US [72] GORLEY, RONALD THOMAS, US [72] TOUSSANT, JOHN WILLIAM, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2001-01-25 [86] 1999-08-11 (PCT/US99/18254) [87] 2000-02-24 (WO00/08998) [30] US (09/132,833) 1998-08-12</p>
<p style="text-align: right;">[21] <b>2,338,830</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61M 5/00</b> [25] EN [54] <b>SAFETY MEDICAL SYRINGE WITH RETRACTABLE NEEDLE</b> [54] <b>SERINGUE DE SECURITE A AIGUILLE RETRACTABLE</b> [72] JANEK, GREGORY A., US [72] LEE, MORRIS M., US [72] GILLESPIE, ELGENE R., US [71] SAFETY MEDICAL MANUFACTURING, INCORPORATED, US [85] 2001-01-25 [86] 1999-08-17 (PCT/US99/18659) [87] 2000-03-16 (WO00/13724) [30] US (09/137,429) 1998-08-21</p>	<p style="text-align: right;">[21] <b>2,338,833</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61F 2/06</b> [25] EN [54] <b>BIFURCATED CATHETER ASSEMBLY</b> [54] <b>ENSEMBLE CATHETER A FOURCHE</b> [72] MAUCH, KEVIN M., US [71] ADVANCED CARDIOVASCULAR SYSTEMS, INC., US [85] 2001-01-25 [86] 1999-08-24 (PCT/US99/19127) [87] 2000-03-02 (WO00/10489) [30] US (09/138,844) 1998-08-24</p>	<p style="text-align: right;">[21] <b>2,338,839</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G07F 11/00 6G06K 9/46 6G06K 9/66</b> [25] EN [54] <b>PHARMACEUTICAL PILL RECOGNITION AND VERIFICATION SYSTEM</b> [54] <b>SYSTEME DE RECONNAISSANCE ET DE VERIFICATION DE PILULES PHARMACEUTIQUES</b> [72] REZNACK, VICTOR V., US [72] HOBSON, GREGORY, US [72] WOOTTON, JOHN R., US [71] SYSTEMS &amp; ELECTRONICS, US [85] 2001-01-29 [86] 1999-07-29 (PCT/US99/17451) [87] 2000-02-10 (WO00/06078) [30] US (09/126,296) 1998-07-30</p>
<p style="text-align: right;">[21] <b>2,338,835</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A63B 37/00 7A63B 43/06</b> [25] EN [54] <b>GOLF BALL WITH LUMINESCENT DEVICE</b> [54] <b>BALLE DE GOLF A DISPOSITIF LUMINESCENT</b> [72] VON DER MARK, EBERHARD, DE [71] VON DER MARK, EBERHARD, DE [85] 2001-01-29 [86] 1999-07-27 (PCT/EP99/05382) [87] 2000-02-17 (WO00/07676) [30] DE (198 34 607.7) 1998-07-31</p>	<p style="text-align: right;">[21] <b>2,338,835</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A63B 37/00 7A63B 43/06</b> [25] EN [54] <b>GOLF BALL WITH LUMINESCENT DEVICE</b> [54] <b>BALLE DE GOLF A DISPOSITIF LUMINESCENT</b> [72] VON DER MARK, EBERHARD, DE [71] VON DER MARK, EBERHARD, DE [85] 2001-01-29 [86] 1999-07-27 (PCT/EP99/05382) [87] 2000-02-17 (WO00/07676) [30] DE (198 34 607.7) 1998-07-31</p>	<p style="text-align: right;">[21] <b>2,338,840</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06K 7/00</b> [25] EN [54] <b>ELECTRICAL CONNECTOR FOR THE SIMULTANEOUS CONNECTION OF TWO ELECTRONIC-MEMORY CARDS</b> [54] <b>CONNECTEUR ELECTRIQUE DESTINE A LA CONNEXION SIMULTANEE DE DEUX CARTES MEMOIRE ELECTRONIQUES</b> [72] BRICAUD, HERVE, FR [72] PIZARD, YVES, FR [71] ITT MANUFACTURING ENTERPRISES INC., US [85] 2001-01-25 [86] 1999-09-17 (PCT/EP99/06888) [87] 2000-03-30 (WO00/17806) [30] FR (98/11790) 1998-09-22</p>



## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,338,842</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F23Q 2/28</b> [25] EN [54] <b>IGNITER</b> [54] <b>ALLUMEUR</b> [72] SAITO, MASAKI, JP [72] ICHIKAWA, TOSHIHIRO, JP [71] TOKAI CORPORATION, JP [85] 2001-01-29 [86] 2000-05-25 (PCT/JP00/03346) [87] 2000-12-07 (WO00/73704) [30] JP (11/151184) 1999-05-31</p>	<p style="text-align: right;">[21] <b>2,338,847</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08F 4/80 7C08F 210/02</b> [25] EN [54] <b>A POLYMERIZATION PROCESS</b> [54] <b>PROCEDE DE POLYMERISATION</b> [72] SJARDIJN, WILLEM, NL [72] WANNINGER, KLAUS, NL [72] SUYKERBUYK, JACOBA, NL [72] DRENT, EIT, NL [71] BASELL TECHNOLOGY COMPANY B.V., NL [85] 2001-01-26 [86] 1999-07-22 (PCT/EP99/05355) [87] 2000-02-10 (WO00/06615) [30] EP (98202516.5) 1998-07-27</p>	<p style="text-align: right;">[21] <b>2,338,854</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07C 215/56 7C07D 471/00 7C07D 403/04 7C07D 491/052 7C07H 17/08 7C07D 295/088 7A61K 31/135 7C07D 473/18 7C07D 295/205 7C07D 241/24 7A61K 31/33 7C07C 215/44 7C07C 211/49 7C07D 213/86 7C07D 233/94</b> [25] EN [54] <b>NITRIC ESTERS AND NITRATE SALTS OF SPECIFIC DRUGS</b> [54] <b>ESTERS NITRIQUES ET NITRATES POUR MEDICAMENTS SPECIFIQUES</b> [72] DEL SOLDATO, PIERO, IT [71] NICOX S.A., FR [85] 2001-01-29 [86] 1999-07-20 (PCT/EP99/05171) [87] 2000-02-10 (WO00/06531) [30] IT (MI98A001743) 1998-07-28</p>
<p style="text-align: right;">[21] <b>2,338,844</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61L 15/58 7A61F 13/00 7A61L 24/06</b> [25] EN [54] <b>BIOADHESIVE COMPOSITIONS AND WOUND DRESSINGS CONTAINING THEM</b> [54] <b>COMPOSITIONS DE BIOADHESIFS ET PANSEMENTS CONTENANT CES DERNIERES</b> [72] YASIN, MOHAMMED, GB [72] MUNRO, HUGH SEMPLE, GB [71] FIRST WATER LIMITED, GB [85] 2001-01-26 [86] 1999-07-30 (PCT/GB99/02524) [87] 2000-02-17 (WO00/07638) [30] GB (9816826.3) 1998-07-31 [30] GB (9906700.1) 1999-03-24 [30] GB (9909348.6) 1999-04-23</p>	<p style="text-align: right;">[21] <b>2,338,849</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G08B 13/14</b> [25] EN [54] <b>CIRCUIT FOR ENERGIZING EAS MARKER DEACTIVATION DEVICE WITH DC PULSES OF ALTERNATING POLARITY</b> [54] <b>CIRCUIT PERMETTANT DE METTRE SOUS TENSION UN DISPOSITIF DE DESACTIVATION DE MARQUEUR DE SYSTEME ELECTRONIQUE DE SURVEILLANCE D'ARTICLES AU MOYEN D'IMPULSIONS DE COURANT CONTINU DEPOLARITE ALTERNANTE</b> [72] EASTER, RONALD B., US [71] SENSORMATIC ELECTRONICS CORPORATION, US [85] 2001-01-25 [86] 1999-08-06 (PCT/US99/17901) [87] 2000-02-24 (WO00/10143) [30] US (09/133,529) 1998-08-13</p>	
<p style="text-align: right;">[21] <b>2,338,846</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01L 33/00</b> [25] EN [54] <b>ZINC OXIDE FILMS CONTAINING P-TYPE DOPANT AND PROCESS FOR PREPARING SAME</b> [54] <b>FILMS D'OXYDE DE ZINC CONTENANT UN DOPANT P ET PROCEDE D'ELABORATION CORRESPONDANT</b> [72] WHITE, HENRY W., US [72] RYU, YUNGRYEL, US [72] ZHU, SHEN, US [71] THE CURATORS OF THE UNIVERSITY OF MISSOURI, US [85] 2001-01-25 [86] 1999-08-02 (PCT/US99/17486) [87] 2000-02-17 (WO00/08691) [30] US (09/128,516) 1998-08-03 [30] US (09/364,809) 1999-07-30</p>		

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[21] **2,338,855**  
[13] A1  
[51] **Int.Cl. 6A61K 31/335 6C07D 473/00 6C07D 205/02 6C07D 275/02 6C07D 277/02 6C07D 209/04 6C07D 241/04 6C07D 249/04 6C07D 285/04 6C07D 401/04 6C07D 403/04 6C07D 405/04 6C07D 409/04 6C07D 413/04 6C07D 417/04 6C07D 285/06 6C07D 327/06 6C07D 401/06 6C07D 403/06 6C07D 405/06 6C07D 407/06 6C07D 409/06 6C07D 413/06 6C07D 417/06 6C07D 207/08 6C07D 249/08 6C07D 261/08 6C07D 285/08 6C07D 407/08 6C07D 285/10 6C07D 209/12 6C07D 215/12 6C07D 219/12 6C07D 231/12 6C07D 285/12 6C07D 319/12 6C07D 401/12 6C07D 403/12 6C07D 405/12 6C07D 409/12 6C07D 413/12 6C07D 417/12 6C07D 209/14 6C07D 401/14 6C07D 403/14 6C07D 405/14 6C07D 409/14 6C07D 413/14 6C07D 417/14 6C07D 251/22 6C07D 211/26 6C07D 239/26 6C07D 317/26 6C07D 317/28 6C07D 211/30 6C07D 237/30 6C07D 263/32 6C07D 309/32 6A61K 31/34 6A61K 31/35 6C07D 207/36 6C07D 213/36 6C07D 307/38 6A61K 31/38 6A61K 31/39 6A61K 31/395 6A61K 31/40 6A61K 31/41 6A61K 31/415 6C07D 241/42 6A61K 31/42 6A61K 31/425 6A61K 31/435 6A61K 31/44 6A61K 31/445 6A61K 31/47 6A61K 31/495 6C07D 213/50 6A61K 31/505 6C07D 307/52 6A61K 31/52 6A61K 31/535 6C07D 231/54 6C07D 233/54 6C07D 213/56 6C07D 231/56 6C07D 233/56 6C07D 233/58 6C07D 209/82 6C07D 211/86**  
[25] EN  
[54] **INDOLE SPLA2 INHIBITORS**  
[54] **INHIBITEURS DE SPLA2 DE TYPE INDOLE**  
[72] SUAREZ, TULLIO, US  
[72] MIHELICH, EDWARD DAVID, US  
[72] BACH, NICHOLAS JAMES, US  
[72] DRAHEIM, SUSAN ELIZABETH, US  
[72] DILLARD, ROBERT DELANE, US  
[71] ELI LILLY AND COMPANY, US  
[85] 2001-01-29  
[86] 1999-08-02 (PCT/US99/17459)  
[87] 2000-02-17 (WO00/07590)  
[30] US (60/095,114) 1998-08-03

[21] **2,338,856**  
[13] A1  
[51] **Int.Cl. 7A61K 7/32 7A61K 7/38**  
[25] EN  
[54] **ANTIPERSPIRANT MATERIAL AND COMPOSITIONS CONTAINING IT**  
[54] **SUBSTANCE ANTISUDORIFIQUE ET COMPOSITIONS LA CONTENANT**  
[72] PARROTT, DAVID TERENCE, US  
[72] HOUGH, GORDON CHARLES, GB  
[72] RENNIE, JOHN HAROLD STEWART, GB  
[71] UNILEVER PLC, GB  
[85] 2001-01-29  
[86] 1999-08-04 (PCT/EP99/05613)  
[87] 2000-03-16 (WO00/13657)  
[30] GB (9819366.7) 1998-09-04

[21] **2,338,857**  
[13] A1  
[51] **Int.Cl. 7A61K 7/42**  
[25] EN  
[54] **SUNSCREEN COMPOSITIONS**  
[54] **COMPOSITIONS D'ECRAN SOLAIRE**  
[72] TANNER, PAUL ROBERT, US  
[72] IRWIN, CHRISTOPHER, US  
[72] DONOGHUE, MARGARET ANN, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-01-29  
[86] 1999-07-29 (PCT/US99/17160)  
[87] 2000-02-10 (WO00/06110)  
[30] US (09/126,486) 1998-07-30

[21] **2,338,858**  
[13] A1  
[51] **Int.Cl. 6H04Q 7/20**  
[25] EN  
[54] **CALL INTERCEPT CAPABILITY IN A GLOBAL MOBILE SATELLITE COMMUNICATIONS SYSTEM**  
[54] **CAPACITE D'INTERCEPTER UN APPEL DANS UN SYSTEME DE COMMUNICATIONS PAR SATELLITE, MOBILE, GLOBAL**  
[72] MAGNUSSON, OSKAR S., US  
[71] IRIDIUM, L.L.C., US  
[85] 2001-01-29  
[86] 1999-07-30 (PCT/US99/17239)  
[87] 2000-02-10 (WO00/07390)  
[30] US (09/127,761) 1998-07-31

[21] **2,338,859**  
[13] A1  
[51] **Int.Cl. 7A61K 9/70**  
[25] EN  
[54] **ESTRADIOL-CONTAINING PATCH FOR TRANSDERMAL ADMINISTRATION OF HORMONES**  
[54] **EMPLATRE CONTENANT DE L'ESTRADIOL POUR L'ADMINISTRATION TRANSDERMIQUE D'HORMONES**  
[72] MECONI, REINHOLD, DE  
[72] KIRSTGEN, ELVIRA, DE  
[71] LTS LOHMANN THERAPIE-SYSTEME AG, DE  
[85] 2001-01-29  
[86] 1999-07-16 (PCT/EP99/05085)  
[87] 2000-02-10 (WO00/06131)  
[30] DE (198 34 007.9) 1998-07-29

[21] **2,338,860**  
[13] A1  
[51] **Int.Cl. 7G02B 1/04 7F21V 8/00**  
[25] EN  
[54] **DISPLAYS**  
[54] **DISPOSITIF D'AFFICHAGE**  
[72] GRAHAM, ANDREW, GB  
[72] HINDLE, COLIN, GB  
[72] HAJTO, JANOS, GB  
[71] THE COURT OF NAPIER UNIVERSITY, GB  
[85] 2001-01-29  
[86] 1999-07-29 (PCT/GB99/02482)  
[87] 2000-02-10 (WO00/07039)  
[30] GB (9816490.8) 1998-07-29  
[30] GB (9820064.5) 1998-09-16

[21] **2,338,861**  
[13] A1  
[51] **Int.Cl. 7A61K 9/70**  
[25] EN  
[54] **ESTRADIOL-CONTAINING PATCH FOR TRANSDERMAL ADMINISTRATION OF HORMONES**  
[54] **PANSEMENT CONTENANT DE L'ESTRADIOL POUR L'APPLICATION TRANSDERMIQUE D'HORMONES**  
[72] KIRSTGEN, ELVIRA, DE  
[72] MECONI, REINHOLD, DE  
[71] LTS LOHMANN THERAPIE-SYSTEME AG, DE  
[85] 2001-01-29  
[86] 1999-07-16 (PCT/EP99/05084)  
[87] 2000-02-10 (WO00/06130)  
[30] DE (198 34 006.0) 1998-07-29

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<p style="text-align: center;">[21] <b>2,338,862</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 311/00 6C07D 213/02 6C07D 307/02 6C07D 333/02 6A61K 31/18 6A61K 31/34 6A61K 31/38 6A61K 31/44</b></p> <p>[25] EN</p> <p>[54] <b>ALKENYL SULPHONAMIDE DERIVATIVES</b></p> <p>[54] <b>ALCENYLE-SULFAMIDES</b></p> <p>[72] ZIMMERMAN, DENNIS MICHAEL, US</p> <p>[72] ZARRINMAYEH, HAMIDEH, US</p> <p>[72] ORNSTEIN, PAUL LESLIE, US</p> <p>[72] JONES, WINTON DENNIS, US</p> <p>[71] ELI LILLY AND COMPANY, US</p> <p>[85] 2001-01-29</p> <p>[86] 1999-07-28 (PCT/US99/16976)</p> <p>[87] 2000-02-10 (WO00/06539)</p> <p>[30] US (60/094,788) 1998-07-31</p>	<p style="text-align: center;">[21] <b>2,338,865</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01N 33/53 6C12Q 1/68</b></p> <p>[25] EN</p> <p>[54] <b>METHODS FOR OBTAINING PROBES OF PEPTIDE FUNCTION</b></p> <p>[54] <b>PROCEDES D'OBTENTION DE SONDRES DE FONCTION DE PEPTIDES</b></p> <p>[72] HUTCHENS, T.WILLIAM, US</p> <p>[72] HUSTON, JAMES S., US</p> <p>[71] HUTCHENS, T.WILLIAM, US</p> <p>[71] HUSTON, JAMES S., US</p> <p>[85] 2001-01-29</p> <p>[86] 1998-07-29 (PCT/US98/15895)</p> <p>[87] 1999-02-11 (WO99/06833)</p> <p>[30] US (08/903,035) 1997-07-29</p> <p>[30] US (08/903,035) 1998-05-14</p>	<p style="text-align: center;">[21] <b>2,338,869</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 9/318</b></p> <p>[25] EN</p> <p>[54] <b>CIRCUIT ARRANGEMENT AND METHOD FOR DATA CONVERSION IN A PROCESSOR</b></p> <p>[54] <b>ARRANGEMENT DE CIRCUIT ET PROCEDE DE CONVERSION DE DONNEES DANS UN PROCESSEUR</b></p> <p>[72] HAAS, PETER, DE</p> <p>[71] SIEMENS AKTIENGESELLSCHAFT, DE</p> <p>[85] 2001-01-29</p> <p>[86] 1999-07-05 (PCT/DE99/02086)</p> <p>[87] 2000-02-17 (WO00/08553)</p> <p>[30] DE (198 34 632.8) 1998-07-31</p>
<p style="text-align: center;">[21] <b>2,338,863</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F16L 13/02 6B23K 37/053</b></p> <p>[25] EN</p> <p>[54] <b>PIPE CLAMP</b></p> <p>[54] <b>BRIDE POUR TUYAUX</b></p> <p>[72] MILLIGAN, WILLIAM, GB</p> <p>[71] MILLIGAN, WILLIAM, GB</p> <p>[85] 2001-01-29</p> <p>[86] 1999-07-29 (PCT/GB99/02503)</p> <p>[87] 2000-02-10 (WO00/06935)</p> <p>[30] GB (9816373.6) 1998-07-29</p>	<p style="text-align: center;">[21] <b>2,338,866</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 401/14 6C07D 403/04 6C07D 471/04 6C07D 487/04 6C07D 498/06 6C07D 403/14 6A61K 31/40 6A61K 31/41 6A61K 31/415 6A61K 31/44 6A61K 31/445 6A61K 31/47 6A61K 31/495 6A61K 31/535 6A61K 31/54 6A61K 31/55</b></p> <p>[25] EN</p> <p>[54] <b>DISUBSTITUTED MALEIMIDE COMPOUNDS AND MEDICINAL UTILIZATION THEREOF</b></p> <p>[54] <b>COMPOSES DE MALEIMIDE DISUBSTITUES ET UTILISATION EN MEDECINE DE CES DERNIERS</b></p> <p>[72] SAKODA, KENJI, JP</p> <p>[72] TANAKA, MASAHIRO, JP</p> <p>[72] INABA, TAKASHI, JP</p> <p>[71] JAPAN TOBACCO INC., JP</p> <p>[85] 2001-01-29</p> <p>[86] 1999-07-28 (PCT/JP99/04085)</p> <p>[87] 2000-02-10 (WO00/06564)</p> <p>[30] JP (10/215070) 1998-07-30</p>	<p style="text-align: center;">[21] <b>2,338,870</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 39/39</b></p> <p>[25] EN</p> <p>[54] <b>ADJUVANT COMPRISING PULMONARY SURFACTANT</b></p> <p>[54] <b>ADJUVANT COMPRENANT UN TENSIOACTIF PULMONAIRE</b></p> <p>[72] VAN IWAARDEN, JOHAN FREDERIK, NL</p> <p>[72] KRAAL, GEORG, NL</p> <p>[72] JEURISSEN, SUSSANNE HENRIETTE MARIA, NL</p> <p>[71] NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPIJK ONDERZOEK TN, NL</p> <p>[71] ID-LELYSTAD, INSTITUUT VOOR DIERHOUDERIJ EN DIERGEZONDHEID B.V., NL</p> <p>[71] STICHTING VOOR DE TECHNISCHE WETENSCHAPPEN, NL</p> <p>[71] VRIJE UNIVERSITEIT AMSTERDAM, NL</p> <p>[85] 2001-01-29</p> <p>[86] 1999-07-26 (PCT/NL99/00478)</p> <p>[87] 2000-02-10 (WO00/06198)</p> <p>[30] EP (98202568.6) 1998-07-30</p>
<p style="text-align: center;">[21] <b>2,338,864</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/38 6C07D 263/02 6C07D 295/02 6C07D 307/02 6C07D 333/02 6C07D 235/04 6C07D 265/30 6A61K 31/415 6A61K 31/42 6A61K 31/44 6A61K 31/545</b></p> <p>[25] EN</p> <p>[54] <b>SULPHONAMIDE DERIVATIVES</b></p> <p>[54] <b>DERIVES DE SULFAMIDE</b></p> <p>[72] ZIMMERMAN, DENNIS MICHAEL, US</p> <p>[72] FRAY, ANDREW HENDLEY, US</p> <p>[72] ZARRINMAYEH, HAMIDEH, US</p> <p>[72] JONES, WINTON DENNIS, US</p> <p>[72] SIMON, RICHARD LEE, US</p> <p>[72] ORNSTEIN, PAUL LESLIE, US</p> <p>[72] ARNOLD, MACKLIN BRIAN, US</p> <p>[72] BENDER, DAVID MICHAEL, US</p> <p>[71] ELI LILLY AND COMPANY, US</p> <p>[85] 2001-01-29</p> <p>[86] 1999-07-28 (PCT/US99/17140)</p> <p>[87] 2000-02-10 (WO00/06157)</p> <p>[30] US (60/094,905) 1998-07-31</p>	<p style="text-align: center;">[21] <b>2,338,867</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04J 3/16 7H04L 12/56</b></p> <p>[25] EN</p> <p>[54] <b>CIRCUIT ARRANGEMENT AND METHOD FOR RECEIVING AND TRANSMITTING DATA</b></p> <p>[54] <b>CIRCUIT ET PROCEDE POUR LA RECEPTION ET L'EMISSION DE DONNEES</b></p> <p>[72] HAAS, PETER, DE</p> <p>[71] SIEMENS AKTIENGESELLSCHAFT, DE</p> <p>[85] 2001-01-29</p> <p>[86] 1999-07-06 (PCT/DE99/02077)</p> <p>[87] 2000-02-17 (WO00/08786)</p> <p>[30] DE (198 34 630.1) 1998-07-31</p>	

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<p style="text-align: right;">[21] <b>2,338,872</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B60T 13/00 6G01L 5/28</b> [25] EN [54] <b>RAILCAR AIR MOTOR DRIVEN GENERATOR</b> [54] <b>GENERATRICE ELECTRIQUE POUR VEHICULE FERROVIAIRE COMMANDE PAR UN MOTEUR PNEUMATIQUE</b> [72] WALDROP, JEREMY S., US [72] CLARKE, BRYAN J., US [71] ZEFTRON, INC., US [85] 2001-01-29 [86] 1999-07-29 (PCT/US99/17183) [87] 2000-02-10 (WO00/06435) [30] US (09/127,157) 1998-07-31</p>	<p style="text-align: right;">[21] <b>2,338,879</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C02F 1/32</b> [25] EN [54] <b>FLUID TREATMENT SYSTEM AND CLEANING APPARATUS THEREFOR</b> [54] <b>SYSTEME DE TRAITEMENT DE FLUIDE ET APPAREIL DE NETTOYAGE</b> [72] PENHALE, DOUGLAS, CA [72] LAWRYSHYN, YURI, CA [72] LEM, JOSEPH, CA [72] DALL' ARMI, VIVIAN, CA [72] FANG, GANG, CA [71] TROJAN TECHNOLOGIES INC., CA [85] 2001-01-29 [86] 2000-05-26 (PCT/CA00/00617) [87] 2000-12-07 (WO00/73213) [30] US (60/136,766) 1999-05-28</p>	<p style="text-align: right;">[21] <b>2,338,883</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/425 6C07D 513/04 6C07D 498/14 6A61K 31/435</b> [25] EN [54] <b>BENZOTHAZOLE DIOXETANES</b> [54] <b>DIOXETANES DE BENZOTHAZOLE</b> [72] EDWARDS, BROOKS, US [72] BRONSTEIN, IRENA, US [71] TROPIX, INC., US [85] 2001-01-29 [86] 1999-07-28 (PCT/US99/17094) [87] 2000-02-10 (WO00/06164) [30] US (60/094,336) 1998-07-28</p>
<p style="text-align: right;">[21] <b>2,338,875</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H05B 3/26</b> [25] EN [54] <b>INFRARED RADIATION SOURCES, SENSORS AND SOURCE COMBINATIONS, AND METHODS OF MANUFACTURE</b> [54] <b>SOURCES DE RAYONNEMENT INFRAROUGE, COMBINAISONS DE DETECTEURS ET DE SOURCE, PROCEDES DE PRODUCTION ASSOCIE</b> [72] DALEY, JAMES T., US [72] JOHNSON, EDWARD A., US [72] WOLLAM, JOHN S., US [72] BODKIN, W. ANDREW, US [71] ION OPTICS, INC., US [85] 2001-01-29 [86] 1999-07-30 (PCT/US99/17338) [87] 2000-02-10 (WO00/07411) [30] US (60/094,602) 1998-07-30 [30] US (60/096,133) 1998-08-10</p>	<p style="text-align: right;">[21] <b>2,338,880</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08G 59/66 7C09D 5/34</b> [25] EN [54] <b>PRIMERLESS SUBSTRATE REPAIR COMPOSITION AND METHOD</b> [54] <b>COMPOSITION ET PROCEDE SANS AMORCE DE RESTAURATION D'UN SUBSTRAT</b> [72] ABBEY, KIRK J., US [72] PRESSLEY, MARK W., US [72] BENNETT, RUTH M., US [71] LORD CORPORATION, US [85] 2001-01-29 [86] 1999-07-28 (PCT/US99/17059) [87] 2000-02-17 (WO00/08086) [30] US (09/128,605) 1998-08-03</p>	<p style="text-align: right;">[21] <b>2,338,884</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 38/40</b> [25] EN [54] <b>LIVER FUNCTION AMELIORATING AGENTS</b> [54] <b>AGENTS AMELIORANT LA FONCTION HEPATIQUE</b> [72] SHIMAMURA, SEIICHI, JP [72] TOIDA, TOMOHIRO, JP [72] TOMITA, MAMORU, JP [71] MORINAGA MILK INDUSTRY CO., LTD., JP [85] 2001-01-29 [86] 1999-07-27 (PCT/JP99/04005) [87] 2000-02-10 (WO00/06192) [30] JP (10/229434) 1998-07-30</p>
<p style="text-align: right;">[21] <b>2,338,878</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 471/02 6A61K 31/44</b> [25] EN [54] <b>INTEGRIN RECEPTOR ANTAGONISTS</b> [54] <b>ANTAGONISTES DE RECEPTEURS D'INTEGRINE</b> [72] HUTCHINSON, JOHN H., US [71] MERCK &amp; CO., INC., US [85] 2001-01-29 [86] 1999-08-09 (PCT/US99/17992) [87] 2000-02-24 (WO00/09503) [30] US (60/096,378) 1998-08-13</p>	<p style="text-align: right;">[21] <b>2,338,881</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61F 2/44</b> [25] EN [54] <b>INTERVERTEBRAL ALLOGRAFT SPACER</b> [54] <b>ESPACEUR D'ALLOGREFFE INTERVERTEBRAL</b> [72] EMCH, HANSJUERG, US [72] SCHENK, BEAT, US [72] PAUL, DAVID, US [71] SYNTHES (U.S.A.), US [85] 2001-01-29 [86] 1999-07-30 (PCT/EP99/05541) [87] 2000-02-17 (WO00/07527) [30] US (60/095,209) 1998-08-03 [30] EP (PCT/EP99/05008) 1999-07-15</p>	<p style="text-align: right;">[21] <b>2,338,886</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 48/00 6A61K 38/00 6C07K 5/00 6C12P 21/00</b> [25] EN [54] <b>EXPRESSION AND CHARACTERIZATION OF HIV-1 ENVELOPE PROTEIN ASSOCIATED WITH A BROADLY REACTIVE NEUTRALIZING ANTIBODY RESPONSE</b> [54] <b>EXPRESSION ET CARACTERISATION D'UNE PROTEINE D'ENVELOPPE VIH-1 ASSOCIEE A UNE REPONSE D'ANTICORPS DE NEUTRALISATION LARGEMENT REACTIFS</b> [72] ZHANG, PENG FEI, US [72] QUINNAN, GERALD V., JR., US [71] THE HENRY M. JACKSON FOUNDATION, US [85] 2001-01-29 [86] 1999-08-04 (PCT/US99/17596) [87] 2000-02-17 (WO00/07631) [30] US (60/095,267) 1998-08-04</p>

## PCT Applications Entering the National Phase

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[21] **2,338,887**  
[13] A1  
[51] **Int.Cl. 7G02B 6/38**  
[25] EN  
[54] **BONDING OPERATION FOR FABRICATING FIBER OPTIC TERMINUS**  
[54] **OPERATION DE LIAISON POUR LA FABRICATION D'UN BORNIER DE FIBRE OPTIQUE**  
[72] SHULICK, STEPHEN S., JR., US  
[72] ROWLAND, MARK W., US  
[72] MARCHITTO, LOUIS M., US  
[72] JEFFERSON, BERNARD H., US  
[71] SIKORSKY AIRCRAFT CORPORATION, US  
[85] 2001-01-29  
[86] 1999-06-21 (PCT/US99/13988)  
[87] 2000-02-10 (WO00/07051)  
[30] US (09/126,834) 1998-07-30

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[21] **2,338,888**  
[13] A1  
[51] **Int.Cl. 6H04N 5/253**  
[25] EN  
[54] **FILM SCANNER**  
[54] **SCANNER DE PELLICULES**  
[72] WOLTER, PETER, US  
[72] TRUC, JAMES A., US  
[72] DEUTSCH, DENNIS, US  
[72] HOGENSON, JAMES A., US  
[72] JOHNSON, BRADLEY, US  
[72] OVSAK, GREGG J., US  
[72] MC LEAN, ROB, US  
[72] ANDERSON, JAMES, US  
[72] PETERSON, DOUG, US  
[71] PAKON, INC., US  
[85] 2001-01-29  
[86] 1999-08-30 (PCT/US99/19709)  
[87] 2000-03-16 (WO00/14957)  
[30] US (09/149,612) 1998-09-08

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[21] **2,338,890**  
[13] A1  
[51] **Int.Cl. 7H04M 3/38 7H04M 1/27 7H04M 1/274**  
[25] EN  
[54] **A TELEPHONE**  
[54] **TELEPHONE**  
[72] DE BEER, LEON, GB  
[71] PATHFINDER TECHNICAL RESOURCES LIMITED, GB  
[85] 2001-01-29  
[86] 1999-07-13 (PCT/GB99/02243)  
[87] 2000-02-10 (WO00/07347)  
[30] GB (9816670.5) 1998-07-30  
[30] GB (9911968.7) 1999-05-21

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[21] **2,338,891**  
[13] A1  
[51] **Int.Cl. 7F03D 1/06 7F03D 11/00 7F16F 15/023**  
[25] EN  
[54] **WIND TURBINE BLADE WITH U-SHAPED OSCILLATION DAMPING MEANS**  
[54] **PALE D'EOLIENNE DOTEE D'UN ORGANE D'AMORTISSEMENT DES OSCILLATIONS EN FORME DE U**  
[72] VELDKAMP, HERMAN F., DK  
[71] NEG MICON A/S, DK  
[85] 2001-01-29  
[86] 1999-07-28 (PCT/DK99/00423)  
[87] 2000-02-10 (WO00/06898)  
[30] DK (BA 1998 00274) 1998-07-28  
[30] DK (BA 1998 00275) 1998-07-28  
[30] DK (BA 1998 00276) 1998-07-28

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[21] **2,338,893**  
[13] A1  
[51] **Int.Cl. 6G05D 1/02**  
[25] EN  
[54] **CONTROLLER FOR RUNNING OF TRANSPORT ELECTRIC CAR**  
[54] **UNITE DE COMMANDE POUR VEHICULE DE TRANSPORT ELECTRIQUE**  
[72] NISHINO, SHUZO, JP  
[71] DAIFUKU CO., LTD., JP  
[85] 2001-01-29  
[86] 1999-07-02 (PCT/JP99/03604)  
[87] 2000-02-17 (WO00/08534)  
[30] JP (10/220925) 1998-08-05

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[21] **2,338,896**  
[13] A1  
[51] **Int.Cl. 7A61K 9/20 7A61K 31/19 7A61K 31/195**  
[25] EN  
[54] **FAST DISSOLVING IBUPROFEN CONTAINING COMPOSITIONS HAVING ANALGESIC ACTIVITY**  
[54] **COMPOSITIONS ANALGESIQUES A DISSOLUTION RAPIDE CONTENANT DE L'IBUPROFENE**  
[72] GRASSANO, ALESSANDRO, IT  
[72] MARCHIORRI, MAURIZIO, IT  
[72] DI TORO, MAURO, IT  
[72] CASTEGINI, FRANCO, IT  
[71] ZAMBON GROUP S.P.A., IT  
[85] 2001-01-29  
[86] 1999-07-12 (PCT/EP99/04874)  
[87] 2000-02-10 (WO00/06125)  
[30] IT (MI98A001774) 1998-07-30

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[21] **2,338,901**  
[13] A1  
[51] **Int.Cl. 7A61K 31/40 7A61K 31/41 7A61K 31/42 7A61K 31/445**  
[25] EN  
[54] **PREVENTION OF MIGRAINE RECURRENCE**  
[54] **PREVENTION DE MIGRAINES RECURRENTEES**  
[72] UDEN, STEPHEN, GB  
[72] JACKSON, NEVILLE COLIN, GB  
[71] PFIZER INC., US  
[85] 2001-01-29  
[86] 1999-06-14 (PCT/IB99/01105)  
[87] 2000-02-10 (WO00/06161)  
[30] GB (9816556.6) 1998-07-30

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[21] **2,338,903**  
[13] A1  
[51] **Int.Cl. 7A61H 23/04 7A61H 1/02**  
[25] EN  
[54] **MEDICAL DEVICE FOR APPLYING A CYCLIC THERAPEUTIC ACTION TO A PERSON'S FOOT**  
[54] **DISPOSITIF MEDICAL PERMETTANT D'APPLIQUER UNE ACTION THERAPEUTIQUE CYCLIQUE SUR LE PIED D'UNE PERSONNE**  
[72] BIBI, RONI, IL  
[72] MANOR, DAN, IL  
[72] LEVY, ELI, IL  
[72] SHMULEWITZ, ASCHER, IL  
[71] MEDICAL DYNAMICS USA, LLC, US  
[85] 2001-01-29  
[86] 1999-07-30 (PCT/IL99/00419)  
[87] 2000-02-10 (WO00/06077)  
[30] IL (PCT/IL98/00352) 1998-07-30  
[30] IL (126462) 1998-10-04  
[30] IL (128328) 1999-02-02  
[30] IL (130000) 1999-05-18

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## Demandes PCT entrant en phase nationale

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[21] **2,338,906**  
[13] A1  
[51] **Int.Cl. 7C11D 1/42 7D21H 21/24 7C11D 1/46 7C11D 1/62**  
[25] EN  
[54] **COMPOSITION USEFUL FOR SOFTENING, CLEANING, AND PERSONAL CARE APPLICATIONS**  
[54] **COMPOSITIONS UTILES COMME AGENTS ADOUCISSANTS OU NETTOYANTS ET POUR LES SOINS D'HYGIENE**  
[72] DELCOUR, KEES, NL  
[72] LENOIR, PIERRE, CH  
[72] MEERTENS, MARINUS, NL  
[71] THE DOW CHEMICAL COMPANY, US  
[85] 2001-01-29  
[86] 1999-07-28 (PCT/US99/16981)  
[87] 2000-02-10 (WO00/06678)  
[30] GB (9816659.8) 1998-07-30

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[21] **2,338,909**  
[13] A1  
[51] **Int.Cl. 7A61L 31/04 7A61L 27/38**  
[25] EN  
[54] **METHODS, INSTRUMENTS AND MATERIALS FOR CHONDROCYTE CELL TRANSPLANTATION**  
[54] **METHODES, INSTRUMENTS ET MATERIAU DE TRANSPLANTATION DE CHONDROCYTES**  
[72] BEHRENS, PETER, DE  
[72] ASCULAI, SAMUEL, CA  
[72] GIANETTI, BRUNO, DE  
[71] VERIGEN TRANSPLANTATION SERVICE INTERNATIONAL (VTSI) AG, DE  
[85] 2001-01-29  
[86] 1999-08-16 (PCT/EP99/05993)  
[87] 2000-02-24 (WO00/09179)  
[30] US (60/096,597) 1998-08-14  
[30] US (60/146,683) 1999-08-02

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[21] **2,338,911**  
[13] A1  
[51] **Int.Cl. 7E02D 7/12 7E21B 7/20 7B63B 21/28**  
[25] EN  
[54] **UNDERWATER PILE DRIVING TOOL**  
[54] **OUTIL POUR ENFONCER DES PILIERS SOUS L'EAU**  
[72] MIDDENDORP, PETER, NL  
[72] JONKERS, GEERT, NL  
[72] BIRMINGHAM, PATRICK, CA  
[72] JANES, MATTHEW, CA  
[71] BIRMINGHAM CONSTRUCTION LIMITED, CA  
[85] 2001-01-29  
[86] 1999-07-29 (PCT/CA99/00693)  
[87] 2000-02-10 (WO00/06834)  
[30] US (09/127,026) 1998-07-30

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[21] **2,338,912**  
[13] A1  
[51] **Int.Cl. 7C07F 9/38 7C07J 51/00 7A61K 31/00 7A61P 19/00 7C07D 235/02 7C07D 279/02 7C07D 405/04 7C07D 417/04 7C07D 471/04 7C07D 491/04 7C07D 513/04 7C07D 231/06 7C07D 475/08 7C07D 215/18 7C07D 209/22 7C07C 229/42 7C07D 233/54 7C07D 231/56 7C07F 9/572 7C07F 9/576 7C07C 229/58 7C07C 323/58 7C07F 9/58 7C07C 229/64 7C07C 217/74 7C07D 213/80**  
[25] EN  
[54] **MEDICINE NITRATE SALTS**  
[54] **NITRATES DE COMPOSES MEDICAUX**  
[72] DEL SOLDATO, PIERO, IT  
[71] NICOX S.A., FR  
[85] 2001-01-29  
[86] 1999-07-20 (PCT/EP99/05170)  
[87] 2000-02-10 (WO00/06585)  
[30] IT (MI98A001744) 1998-07-28

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[21] **2,338,916**  
[13] A1  
[51] **Int.Cl. 6A61K 31/38 6C07D 333/06 6C07C 233/11 6C07D 409/12 6C07D 413/12 6A61K 31/395 6A61K 31/41 6A61K 31/44**  
[25] EN  
[54] **AMIDE, CARBAMATE, AND UREA DERIVATIVES**  
[54] **DERIVES D'AMIDE, DE CARBAMATE ET D'UREE**  
[72] ZIMMERMAN, DENNIS MICHAEL, US  
[72] ARNOLD, MACKLIN BRIAN, US  
[72] ORNSTEIN, PAUL LESLIE, US  
[72] JONES, WINTON DENNIS, US  
[72] ZARRINMAYEH, HAMIDEH, US  
[72] BENDER, DAVID MICHAEL, US  
[72] BLEISCH, THOMAS JOHN, US  
[71] ELI LILLY AND COMPANY, US  
[85] 2001-01-29  
[86] 1999-07-28 (PCT/US99/17126)  
[87] 2000-02-10 (WO00/06156)  
[30] US (60/094,997) 1998-07-31

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[21] **2,338,917**  
[13] A1  
[51] **Int.Cl. 6C01G 23/053 6C01B 13/32 6C09C 1/36**  
[25] EN  
[54] **NANOSIZE METAL OXIDE PARTICLES FOR PRODUCING TRANSPARENT METAL OXIDE COLLOIDS AND CERAMERS**  
[54] **PARTICULES D'OXYDE METALLIQUE DE L'ORDRE DU NANOMETRE PERMETTANT D'OBTENIR DES COLLOIDES ET DES CERAMERS D'OXYDE METALLIQUE TRANSPARENT**  
[72] WOOD, THOMAS E., US  
[72] ARNEY, DAVID S., US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 2001-01-29  
[86] 1998-07-30 (PCT/US98/15843)  
[87] 2000-02-10 (WO00/06495)

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[21] **2,338,920**  
[13] A1  
[51] **Int.Cl. 6C08F 220/22 6C09D 4/00 6C08L 67/02 6C08J 7/04**  
[25] EN  
[54] **CERAMER CONTAINING A BROMINATED POLYMER AND INORGANIC OXIDE PARTICLES**  
[54] **CERAMER CONTENANT UN POLYMERE BROME ET DES PARTICULES D'OXYDE INORGANIQUE**  
[72] OLSON, DAVID B., US  
[72] ARNEY, DAVID S., US  
[72] BILKADI, ZAYN, US  
[72] FONG, BETTIE C., US  
[72] KANG, SOONKUN, US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 2001-01-29  
[86] 1998-12-30 (PCT/US98/27725)  
[87] 2000-02-10 (WO00/06622)  
[30] US (PCT/US98/15843) 1998-07-30

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[21] **2,338,921**  
[13] A1  
[51] **Int.Cl. 7B29C 70/48 7C08G 61/12**  
[25] EN  
[54] **RESIN TRANSFER MOULDING**  
[54] **MOULAGE PAR TRANSFERT DE RESINE**  
[72] COPPOCK, VINCENT, GB  
[72] MORTIMER, STEPHEN, GB  
[71] CYTEC TECHNOLOGY CORP., US  
[85] 2001-01-29  
[86] 1999-07-29 (PCT/GB99/02483)  
[87] 2000-02-17 (WO00/07804)  
[30] GB (9816794.3) 1998-07-31

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[21] **2,338,924**  
[13] A1  
[51] **Int.Cl. 7A01N 57/12**  
[25] EN  
[54] **MICROENCAPSULATION FORMULATIONS OF CADUSAFOS**  
[54] **FORMULATIONS DE MICROENCAPSULATIONS DE CADUSAFOS**  
[72] LEE, FUI-TSENG H., US  
[72] NICHOLSON, PAUL, US  
[72] SZAMOSI, JANOS, US  
[72] SOMMER, WILLIAM T., US  
[71] FMC CORPORATION, US  
[85] 2001-01-29  
[86] 1999-07-29 (PCT/US99/17318)  
[87] 2000-02-10 (WO00/05962)  
[30] US (60/094,610) 1998-07-30

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[21] **2,338,928**  
[13] A1  
[51] **Int.Cl. 7A61K 38/22 7A61K 39/395**  
[25] EN  
[54] **THYMOSIN .BETA.4 PROMOTES WOUND REPAIR**  
[54] **AMELIORATION DE LA GUERISON DES BLESSURES PAR LA THYMOSINE .BETA.4**  
[72] GOLDSTEIN, ALLAN, US  
[72] MALINDA, KATHERINE M., US  
[72] KLEINMAN, HYNDA K., US  
[72] SOSNE, GABRIEL, US  
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE, US  
[85] 2001-01-29  
[86] 1999-07-29 (PCT/US99/17282)  
[87] 2000-02-10 (WO00/06190)  
[30] US (60/094,690) 1998-07-30

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[21] **2,338,930**  
[13] A1  
[51] **Int.Cl. 6A61K 31/385 6C07D 239/00 6C07D 413/00 6C07D 241/04 6C07D 265/04 6C07D 401/04 6C07D 403/04 6C07D 211/26 6C07D 241/30 6A61K 31/40 6A61K 31/445 6C07D 207/46 6A61K 31/495 6A61K 31/505 6A61K 31/535 6A61K 31/54**  
[25] EN  
[54] **HETEROCYCLIC SULPHONAMIDE DERIVATIVES**  
[54] **DERIVES DE SULFAMIDE HETEROCYCLIQUES**  
[72] ESCRIBANO, ANA MARIA, ES  
[72] JONES, WINTON DENNIS, US  
[72] ZIMMERMAN, DENNIS MICHAEL, US  
[72] ZARRINMAYEH, HAMIDEH, US  
[72] ORNSTEIN, PAUL LESLIE, US  
[71] ELI LILLY AND COMPANY, US  
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[87] 2000-02-10 (WO00/06159)  
[30] US (60/094,770) 1998-07-31

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[13] A1  
[51] **Int.Cl. 7A61K 7/42**  
[25] EN  
[54] **SUNSCREEN COMPOSITIONS**  
[54] **COMPOSITIONS D'ECRAN SOLAIRE**  
[72] O'DONOGHUE, MARGARET ANN, US  
[72] IRWIN, CHRISTOPHER, US  
[72] TANNER, PAUL ROBERT, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-01-29  
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[87] 2000-02-10 (WO00/06111)  
[30] US (09/126,485) 1998-07-30

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[13] A1  
[51] **Int.Cl. 7C08F 283/06 7C08F 222/02 7C08F 220/04 7C04B 24/26**  
[25] EN  
[54] **PROCESS FOR PREPARING HYDROPHOBICALLY MODIFIED LOW FOAMING COPOLYMERS, HYDROPHOBICALLY MODIFIED LOW FOAMING COPOLYMERS AND THEIR USE AS CEMENT ADDITIVES**  
[54] **PROCEDE POUR PREPARER DES COPOLYMERES FAIBLEMENT MOUSSANTS RENDUS HYDROPHOBES, COPOLYMERES FAIBLEMENT MOUSSANTS RENDUS HYDROPHOBES, ET LEUR UTILISATION COMME ADDITIFS A CIMENT**  
[72] EIFFLER, JUERGEN, DE  
[72] FROEHLICH, CHRISTOPH, CH  
[72] STRANIMAIER, KERSTIN, CH  
[71] THE DOW CHEMICAL COMPANY, US  
[85] 2001-01-29  
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[25] EN  
[54] **CARBAMATE-FUNCTIONAL ALLYL MONOMERS AND POLYMERS THEREFROM**  
[54] **MONOMERES D'ALLYLE A FONCTIONNALITE CARBAMATE ET POLYMERES OBTENUS A PARTIR DE CEUX-CI**  
[72] GUO, SHAO HUA, US  
[71] ARCO CHEMICAL TECHNOLOGY L.P., US  
[85] 2001-01-29  
[86] 1999-09-21 (PCT/EP99/06981)  
[87] 2000-04-13 (WO00/20383)  
[30] US (09/166,803) 1998-10-06

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[13] A1  
[51] **Int.Cl. 6C02F 1/52 6C02F 9/00 6C02F 1/72**  
[25] EN  
[54] **PROCESS FOR REMOVAL AND STABILIZATION OF ARSENIC AND SELENIUM FROM AQUEOUS STREAMS AND SLURRIES**  
[54] **ELIMINATION ET STABILISATION DE L'ARSENIC ET DU SELENIUM PRESENTS DANS DES FLUX AQUEUX ET DES BOUES**  
[72] PRIYADARSHAN, GAUTAM, US  
[72] MISRA, MANORANJAN, US  
[72] NANOR, JOSEPH, US  
[71] THE BOARD OF REGENTS OF THE UNIVERSITY AND COMMUNITY COLLEGE SYSTEM OF N, US  
[85] 2001-01-29  
[86] 1999-07-28 (PCT/US99/16973)  
[87] 2000-02-10 (WO00/06502)  
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[13] A1  
[51] **Int.Cl. 7A22C 25/18**  
[25] EN  
[54] **DEVICE AND METHOD FOR PROCESSING MEAT**  
[54] **DISPOSITIF ET PROCEDE POUR LE TRAITEMENT DE LA VIANDE**  
[72] SCHRODER, MATTHIAS, DE  
[72] TORKLER, CONRAD, DE  
[72] JURIS, MICHAEL, DE  
[71] NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO. KG, DE  
[85] 2001-01-29  
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[87] 2000-02-17 (WO00/07452)  
[30] DE (198 34 524.0) 1998-07-31

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[13] A1  
[51] **Int.Cl. 6B01D 61/00 6B01D 61/24 6B01D 61/28**  
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[54] **METHOD FOR EFFICIENT HEMODIAFILTRATION**  
[54] **PROCEDE EFFICACE D'HEMODIAFILTRATION**  
[72] COLLINS, GREGORY R., US  
[72] SPENCE, EDWARD C., US  
[71] NEPHROS, INC., US  
[85] 2001-01-29  
[86] 1999-07-30 (PCT/US99/17468)  
[87] 2000-02-10 (WO00/06292)  
[30] US (60/094,898) 1998-07-31

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[13] A1  
[51] **Int.Cl. 6G06K 7/10**  
[25] EN  
[54] **FREQUENCY DIVISION MULTIPLEXED BAR CODE SCANNER**  
[54] **LECTEUR CODE A BARRES MULTIPLEXE EN FREQUENCE**  
[72] DICKSON, KAREN M., US  
[72] CROLE, PETER V., US  
[72] DWINELL, JOHN F., US  
[71] CIMATRIX, US  
[85] 2001-01-29  
[86] 1999-07-27 (PCT/US99/16903)  
[87] 2000-02-10 (WO00/07138)  
[30] US (09/122,903) 1998-07-27

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[13] A1  
[51] **Int.Cl. 6F16L 15/00 6F16L 25/00**  
[25] EN  
[54] **THREADED AND COUPLED CONNECTION FOR IMPROVED FATIGUE RESISTANCE**  
[54] **RACCORD FILETE MONTE A USURE REDUITE**  
[72] DELANGE, RICHARD W., US  
[72] EVANS, M. EDWARD, US  
[71] GRANT PRIDECO, INC., US  
[85] 2001-01-29  
[86] 1999-07-23 (PCT/US99/16826)  
[87] 2000-02-10 (WO00/06936)  
[30] US (60/094,480) 1998-07-29

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[13] A1  
[51] **Int.Cl. 7C11D 17/00**  
[25] EN  
[54] **MULTILAYER DETERGENT TABLET WITH DIFFERENT HARDNESS**  
[54] **PASTILLE DE DETERGENT MULTICOUCHE A PLUSIEURS DURETES**  
[72] SALAGER, SERGE ERIC, BE  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-01-29  
[86] 1999-08-11 (PCT/US99/18273)  
[87] 2000-02-24 (WO00/09646)  
[30] EP (98202711.2) 1998-08-13

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[13] A1  
[51] **Int.Cl. 6C07D 401/12 6A61K 31/44**  
[25] EN  
[54] **IMPROVED OMEPRAZOLE PROCESS AND COMPOSITIONS THEREOF**  
[54] **PROCEDE AMELIORE DE PREPARATION, D'ISOLATION ET DE PURIFICATION DE L'OMEPRAZOLE ET COMPOSITIONS D'OMEPRAZOLE**  
[72] BANKS, BENJAMIN NEWTON, US  
[72] ANOUSIS, NICK, US  
[72] MCMANUS, JAMES W., US  
[72] ZHOU, LINGWEN, US  
[72] LIU, HUI, US  
[71] MERCK & CO., INC., US  
[85] 2001-01-29  
[86] 1999-08-06 (PCT/US99/17970)  
[87] 2000-02-24 (WO00/09497)  
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[13] A1

[51] **Int.Cl. 7A61K 31/136 7C07C 219/06 7C07D 295/06 7C07C 219/10 7A61K 31/137 7C07C 215/16 7A61K 31/167 7A61K 31/222 7A61K 31/24 7A61K 31/27 7C07C 271/28 7C07C 323/29 7A61K 31/341 7C07C 233/40 7A61K 31/40 7A61K 31/4025 7C07C 233/43 7A61K 31/45 7A61K 31/4545 7C07C 211/52 7C07D 307/52 7A61K 31/535 7A61K 31/5375 7A61K 31/5377 7C07C 233/62 7C07C 217/76 7C07C 233/80**

[25] EN

[54] **GLUCOCORTICOID-SELECTIVE ANTI-INFLAMMATORY AGENTS**

[54] **AGENTS SELECTIFS DE GLUCOCORTICOIDES**

[72] COGHLAN, MICHAEL J., US

[72] SCHKERYANTZ, JEFFREY M., US

[72] WANG, ALAN X., US

[72] LULY, JAY R., US

[71] ABBOTT LABORATORIES, US

[85] 2001-01-29

[86] 1999-07-30 (PCT/US99/17267)

[87] 2000-02-10 (WO00/06137)

[30] US (09/126,185) 1998-07-30

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[13] A1

[51] **Int.Cl. 6A47G 9/00 6A41D 13/00 6A42B 3/04**

[25] EN

[54] **COOLING PILLOW, COOLING CLOTHES AND COOLING HELMET**

[54] **COUSSIN DE RAFRAICHISSEMENT, VETEMENT DE RAFRAICHISSEMENT ET CASQUE RAFRAICHISSANT**

[72] ICHIGAYA, HIROSHI, JP

[71] SEFT DEVELOPMENT LABORATORY CO., LTD., JP

[85] 2001-01-29

[86] 1998-12-28 (PCT/JP98/06000)

[87] 2000-02-10 (WO00/06006)

[30] JP (10/215277) 1998-07-30

[30] JP (10/238171) 1998-08-25

[30] JP (10/256859) 1998-09-10

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[21] **2,338,971**  
[13] A1

[51] **Int.Cl. 7C25D 17/06**

[25] EN

[54] **INSTALLATION AND METHOD FOR MULTILAYERED IMMERSION COATING**

[54] **INSTALLATION ET PROCEDE DE MULTICOUCHAGE PAR IMMERSION**

[72] BRENDEL, GERHARD, DE

[72] HILLEBRAND, ERNST-WALTER, DE

[71] NUTRO MASCHINEN UND ANLAGENBAU GMBH & CO. KG, DE

[71] WALTER HILLEBRAND GMBH & CO. KG, DE

[85] 2001-01-29

[86] 1999-07-28 (PCT/EP99/05410)

[87] 2000-02-10 (WO00/06810)

[30] DE (198 34 245.4) 1998-07-29

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[21] **2,338,979**  
[13] A1

[51] **Int.Cl. 7H04L 12/18 7H04L 29/06 7H04L 12/56**

[25] EN

[54] **METHOD FOR TRANSMITTING DATA PACKETS TO A PLURALITY OF RECEIVERS IN A HETEROGENEOUS COMMUNICATIONS NETWORK**

[54] **PROCEDE DE TRANSMISSION DE PAQUETS DE DONNEES A PLUSIEURS RECEPTEURS DANS UN RESEAU DE COMMUNICATION HETEROGENE**

[72] HUMMEL, HEINRICH, DE

[71] SIEMENS AKTIENGESSELLSCHAFT, DE

[85] 2001-01-29

[86] 1999-07-01 (PCT/DE99/01927)

[87] 2000-02-10 (WO00/07333)

[30] DE (198 33 931.3) 1998-07-28

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[21] **2,338,980**  
[13] A1

[51] **Int.Cl. 7C10G 21/00**

[25] EN

[54] **INTEGRATION OF SOLVENT DEASPHALTING AND GASIFICATION**

[54] **INTEGRATION DE PROCESSUS DE DESASPHALTAGE EN DISSOLUTION ET DE GAZEIFICATION**

[72] KASBAUM, JANICE LYNN, US

[72] WALLACE, PAUL S., US

[72] THACKER, PRADEEP S., US

[72] BARKLEY, RICH WALTER, US

[72] JOHNSON, KAY ANDERSON, US

[71] TEXACO DEVELOPMENT CORPORATION, US

[85] 2001-01-29

[86] 1999-07-27 (PCT/US99/16922)

[87] 2000-02-10 (WO00/06670)

[30] US (60/094,494) 1998-07-29

[30] US (60/103,118) 1998-10-05

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[13] A1

[51] **Int.Cl. 6C12N 9/10 6A01K 67/027 6C12N 5/10 6C12N 1/21 6C07K 16/40 6C12N 15/54 6C12Q 1/68**

[25] EN

[54] **NOVEL POLYPEPTIDE**

[54] **NOUVEAU POLYPEPTIDE**

[72] SASAKI, KATSUTOSHI, JP

[72] KUDO, TAKASHI, JP

[72] NARIMATSU, HISASHI, JP

[71] KYOWA HAKKO KOGYO CO. LTD., JP

[85] 2001-01-29

[86] 1999-07-29 (PCT/JP99/04092)

[87] 2000-02-10 (WO00/06708)

[30] JP (10/213823) 1998-07-29

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[13] A1  
[51] **Int.Cl. 7C12N 15/12 7C12N 9/00 7C12N 15/11 7A61K 38/17 7C07K 16/18 7C07K 14/47 7G01N 33/53 7C12N 15/62 7C12Q 1/68 7C12N 15/86**  
[25] EN  
[54] **BPC-1: A SECRETED BRAIN SPECIFIC PROTEIN EXPRESSED AND SECRETED BY PROSTATE AND BLADDER CANCER CELLS**  
[54] **BPC-1: PROTEINE SECRETEE, SPECIFIQUE DU CERVEAU, EXPRIMEE ET SECRETEE PAR DES CELLULES CANCEREUSES DE LA PROSTATE ET DE LA VESSIE**  
[72] LEONG, KAHAN, US  
[72] JAKOBOVITS, AYA, US  
[72] SAFFRAN, DOUGLAS C., US  
[72] RAITANO, ARTHUR B., US  
[72] HUBERT, RENE S., US  
[72] AFAR, DANIEL E., US  
[71] UROGENESYS, INC., US  
[85] 2001-01-29  
[86] 1999-08-10 (PCT/US99/18250)  
[87] 2000-02-24 (WO00/09691)  
[30] US (60/095,982) 1998-08-10

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[13] A1  
[51] **Int.Cl. 7C07H 21/04 7A61K 48/00 7C12N 1/20 7A61K 39/395**  
[25] EN  
[54] **PREVENTION AND TREATMENT OF VIRAL DISEASE**  
[54] **PREVENTION ET TRAITEMENT DE PATHOLOGIE VIRALE**  
[72] NUNBERG, JACK H., US  
[71] THE UNIVERSITY OF MONTANA, US  
[85] 2001-01-30  
[86] 1999-08-03 (PCT/US99/17487)  
[87] 2000-02-17 (WO00/08043)  
[30] US (60/095,105) 1998-08-03  
[30] US (60/141,806) 1999-06-29

[21] **2,338,984**  
[13] A1  
[51] **Int.Cl. 7A61B 17/00**  
[25] EN  
[54] **RETINAL TISSUE IMPLANTATION INSTRUMENT**  
[54] **INSTRUMENT D'IMPLANTATION DE TISSU RETINIEN**  
[72] ARAMANT, ROBERT B., US  
[71] ARAMANT, ROBERT B., US  
[85] 2001-01-30  
[86] 2000-05-09 (PCT/US00/12556)  
[87] 2000-12-21 (WO00/76403)  
[30] US (09/332,652) 1999-06-14

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[13] A1  
[51] **Int.Cl. 7F21V 33/00 7H01R 33/00 7F21S 8/08**  
[25] EN  
[54] **AN APPARATUS FOR ILLUMINATING A PORTABLE ELECTRONIC DEVICE THROUGH A UTILITY POWER JACK**  
[54] **MOYEN D'ILLUMINATION D'UN DISPOSITIF ELECTRONIQUE PORTATIF PAR UNE PRISE D'ALIMENTATION**  
[72] NAGHI, DAVID, US  
[72] FREGOSO, GILBERT, US  
[71] TECHNOLOGY CREATIONS, INC., US  
[71] DESIGN RITE LLC, US  
[85] 2001-01-30  
[86] 2000-06-02 (PCT/US00/15295)  
[87] 2000-12-21 (WO00/77448)  
[30] US (09/330,322) 1999-06-11  
[30] US (09/553,781) 2000-04-21

[21] **2,338,986**  
[13] A1  
[51] **Int.Cl. 7B01F 5/04**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONTROLLED MIXING OF FLUIDS**  
[54] **PROCEDE ET APPAREIL POUR LE MELANGE REGULE DE FLUIDES**  
[72] ABBASI, HAMID ALI, US  
[72] RABOVITSER, IOSIF KHAIM, US  
[72] WAGNER, JOHN CHARLES, US  
[71] INSTITUTE OF GAS TECHNOLOGY, US  
[85] 2001-01-30  
[86] 1999-07-16 (PCT/US99/16134)  
[87] 2000-02-17 (WO00/07708)  
[30] US (09/130,288) 1998-08-06

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[13] A1  
[51] **Int.Cl. 6C09J 133/00 6A61L 15/00 6C09J 7/02 6A61K 9/70**  
[25] EN  
[54] **ADHESIVE AGENT COMPOSITION, AND PERMEABLE ADHESIVE TAPE, ADHESIVE DRUG COMPOSITION AND ADHESIVE TAPE PREPARATION CONTAINING THE ADHESIVE AGENT COMPOSITION**  
[54] **COMPOSITION D'AGENT ADHESIF ET BANDE ADHESIVE PERMEABLE, COMPOSITION PHARMARMACEUTIQUE ADHESIVE ET PREPARATION DE BANDE ADHESIVE RENFERMANT CETTE COMPOSITION**  
[72] MIYOSHI, TAKANORI, JP  
[72] KAWAGUCHI, TAKEYUKI, JP  
[72] KITAZONO, EIICHI, JP  
[72] MINEMATSU, HIROYOSHI, JP  
[71] TEIJIN LIMITED, JP  
[85] 2001-01-29  
[86] 1999-07-27 (PCT/JP99/04028)  
[87] 2000-02-10 (WO00/06659)  
[30] JP (10/214058) 1998-07-29  
[30] JP (10/291971) 1998-10-14

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[13] A1  
[51] **Int.Cl. 7A01N 33/12 7A01N 43/40**  
[25] EN  
[54] **AQUEOUS GROWTH-REGULATING COMPOSITIONS**  
[54] **COMPOSITIONS AQUEUSES REGULANT LA CROISSANCE**  
[72] KOBER, REINER, DE  
[72] HOPPNER, PETER, DE  
[72] OETTER, GUNTER, DE  
[72] KIESSLING, ULRICH, DE  
[72] RADEMACHER, WILHELM, DE  
[72] BERGHAUS, RAINER, DE  
[72] BORZYK, OLIVER, DE  
[72] SCHOLZ, JURGEN, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2001-01-30  
[86] 1999-07-12 (PCT/EP99/04871)  
[87] 2000-02-17 (WO00/07445)  
[30] DE (198 34 543.7) 1998-07-31

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[13] A1

[51] **Int.Cl. 6C07K 16/12 6C12N 15/00 6C12Q 1/04 6C12P 21/08 6G01N 33/53**  
[25] EN  
[54] **ANTIBODY FOR DETECTING MICROORGANISM**  
[54] **ANTICORPS POUR LA DETECTION DE MICRO-ORGANISMES**  
[72] ETOH, TAKASHI, JP  
[72] MATSUYAMA, KENJI, US  
[72] SHIRAI, TAKASHI, JP  
[71] ASAHI KASEI KOGYO KABUSHIKI KAISHA, JP  
[85] 2001-01-29  
[86] 1999-07-30 (PCT/JP99/04122)  
[87] 2000-02-10 (WO00/06603)  
[30] JP (10/230204) 1998-07-31

[21] **2,338,990**  
[13] A1

[51] **Int.Cl. 7H04J 11/00**  
[25] EN  
[54] **OPTICAL CDMA SYSTEM**  
[54] **SYSTEME OPTIQUE A ACCES MULTIPLE PAR CODE DE REPARTITION (AMCR)**  
[72] NARAGHI, MANOUHER, US  
[72] DUTT, BIRENDRA, US  
[72] CHAN, JAMES K., US  
[71] CODESTREAM TECHNOLOGIES CORPORATION, US  
[85] 2001-01-30  
[86] 1999-07-29 (PCT/US99/17241)  
[87] 2000-02-10 (WO00/07316)  
[30] US (09/126,310) 1998-07-30

[21] **2,338,991**  
[13] A1

[51] **Int.Cl. 7C07D 339/04 7C07B 57/00 7A23L 1/30 7A61K 31/385**  
[25] EN  
[54] **CRYSTAL MODIFICATION OF LIPOIC ACID**  
[54] **MODIFICATION DE L'ACIDE LIPOIQUE**  
[72] KLATT, MARTIN JOCHEN, DE  
[72] RIEGER, JENS, DE  
[72] NIEBEL, MARKUS, DE  
[72] PAUST, JOACHIM, DE  
[71] BASF AKTIENGESSELLSCHAFT, DE  
[85] 2001-01-29  
[86] 1999-07-12 (PCT/EP99/04870)  
[87] 2000-02-17 (WO00/08012)  
[30] DE (198 34 608.5) 1998-07-31

[21] **2,338,992**  
[13] A1

[51] **Int.Cl. 7H01R 31/08**  
[25] EN  
[54] **MODULAR SUPPORT SYSTEM**  
[54] **SUPPORT MODULAIRE**  
[72] LIZELL, CHRISTOPHER A., US  
[71] LIZELL, CHRISTOPHER A., US  
[85] 2001-01-29  
[86] 2000-05-31 (PCT/US00/14813)  
[87] 2000-12-07 (WO00/74180)  
[30] US (09/323,213) 1999-06-01

[21] **2,339,003**  
[13] A1

[51] **Int.Cl. 6A61K 31/135 6A61K 31/40 6A61K 31/44 6A61K 31/55**  
[25] EN  
[54] **COMPOSITION AND METHOD FOR TREATING PEYRONIE'S DISEASE AND OTHER SUB-DERMAL PLAQUE MANIFESTATION DISORDERS**  
[54] **COMPOSITION ET PROCEDE POUR TRAITER LA MALADIE DE LA PEYRONIE ET AUTRES TROUBLES SE MANIFESTANT PAR L'APPARITION DE PLAQUES SOUS-CUTANEEES**  
[72] EASTERLING, W. JERRY, US  
[71] EASTERLING, W. JERRY, US  
[85] 2001-01-30  
[86] 1999-07-16 (PCT/US99/16082)  
[87] 2000-02-17 (WO00/07587)  
[30] US (09/128,103) 1998-08-03

[21] **2,339,004**  
[13] A1

[51] **Int.Cl. 6A61K 31/52 6C07H 21/02 6C07H 21/04 6A61K 31/355 6A61K 31/375 6A61K 31/505 6A61K 31/56**  
[25] EN  
[54] **ANTIOXIDANT COMPOSITION AND METHOD OF TREATING DISEASES USING SAME**  
[54] **COMPOSITION ANTIOXYDANTE ET UTILISATION DE CELLE-CI POUR LE TRAITEMENT DE PATHOLOGIES**  
[72] VAN DYKE, KNOX, US  
[71] HME ENTERPRISES, LLC, US  
[85] 2001-01-30  
[86] 1999-08-02 (PCT/US99/17463)  
[87] 2000-02-10 (WO00/06171)  
[30] US (09/127,184) 1998-07-31

[21] **2,339,005**  
[13] A1

[51] **Int.Cl. 7C08J 9/32 7C09J 5/08 7B29C 44/50 7B29C 70/66**  
[25] EN  
[54] **ARTICLES THAT INCLUDE A POLYMER FOAM AND METHOD FOR PREPARING SAME**  
[54] **ARTICLE CONTENANT UNE MOUSSE POLYMERE ET PROCEDE DE PREPARATION ASSOCIE**  
[72] GEHLSSEN, MARK D., US  
[72] MOMCHILOVICH, BRADLEY S., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2001-01-30  
[86] 1999-07-30 (PCT/US99/17344)  
[87] 2000-02-10 (WO00/06637)  
[30] US (09/127,774) 1998-07-31

[21] **2,339,006**  
[13] A1

[51] **Int.Cl. 6G01N 33/48**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DETERMINING ANTICOAGULANT THERAPY FACTORS**  
[54] **PROCEDE ET APPAREIL PERMETTANT DE DETERMINER DES FACTEURS DE THERAPIE D'ANTICOAGULATION**  
[72] CARROLL, WALLACE E., US  
[72] JACKSON, R. DAVID, US  
[71] CARROLL, WALLACE E., US  
[71] JACKSON, R. DAVID, US  
[85] 2001-01-30  
[86] 1998-07-31 (PCT/US98/15972)  
[87] 2000-02-10 (WO00/07012)

[21] **2,339,007**  
[13] A1

[51] **Int.Cl. 7C07D 211/58 7A61K 31/445**  
[25] EN  
[54] **CRYSTALLINE FORMS OF OSANETANT**  
[54] **FORMES CRISTALLINES DU OSANETANT**  
[72] ANNE-ARCHARD, GILLES, FR  
[72] ALCADÉ, ALAIN, FR  
[72] MONNIER, OLIVIER, FR  
[72] ROCHE, JEROME, FR  
[72] GROSCLAUDE, PATRICK, FR  
[71] SANOFI-SYNTHELABO, FR  
[85] 2001-01-30  
[86] 1999-08-03 (PCT/FR99/01914)  
[87] 2000-02-17 (WO00/07987)  
[30] FR (98/10107) 1998-08-05

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[21] **2,339,008**  
[13] A1

[51] **Int.Cl. 6A61K 31/55 6A61K 31/235 6A61K 31/515 6A61K 31/685 6A61K 31/70**  
[25] EN  
[54] **METHODS FOR INCREASING CYTIDINE LEVELS IN VIVO AND TREATING CYTIDINE-DEPENDENT HUMAN DISEASES**  
[54] **METHODE PERMETTANT D'AUGMENTER IN VIVO LES NIVEAUX DE CYTIDINE ET TRAITEMENT DES MALADIES HUMAINES DEPENDANT DE LA CYTIDINE**  
[72] WURTMAN, RICHARD J., US  
[72] WATKINS, CAROL, US  
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US  
[85] 2001-01-30  
[86] 1999-07-30 (PCT/US99/17235)  
[87] 2000-02-10 (WO00/06174)  
[30] US (60/095,002) 1998-07-31

[21] **2,339,009**  
[13] A1

[51] **Int.Cl. 7G02B 6/44**  
[25] EN  
[54] **SPACER FOR OPTICAL FIBER CABLE, MANUFACTURING METHOD OF THE SAME AND OPTICAL FIBER CABLE USING THE SPACER**  
[54] **SEPARATEUR POUR CABLE A FIBRES OPTIQUES, PROCEDE DE FABRICATION CORRESPONDANT ET CABLE A FIBRES OPTIQUES UTILISANT CE SEPARATEUR**  
[72] ITO, KENJI, JP  
[72] WATANABE, KAZUNORI, JP  
[72] ISHII, TOKU, JP  
[71] UBE-NITTO KASEI CO., LTD., JP  
[85] 2001-01-30  
[86] 2000-06-01 (PCT/JP00/03536)  
[87] 2000-12-14 (WO00/75705)  
[30] JP (11/156965) 1999-06-03

[21] **2,339,010**  
[13] A1

[51] **Int.Cl. 6G02B 6/02**  
[25] EN  
[54] **LONG HAUL SINGLE MODE WAVEGUIDE**  
[54] **GUIDE D'ONDE MONOMODE LONGUE DISTANCE**  
[72] STONE, JEFFERY S., US  
[72] LI, MING-JUN, US  
[71] CORNING INCORPORATED, US  
[85] 2001-01-30  
[86] 1999-07-22 (PCT/US99/16615)  
[87] 2000-02-10 (WO00/07048)  
[30] US (60/094,996) 1998-07-31

[21] **2,339,011**  
[13] A1

[51] **Int.Cl. 7C25C 3/12**  
[25] EN  
[54] **NICKEL-IRON ALLOY-BASED ANODES FOR ALUMINIUM ELECTROWINNING CELLS**  
[54] **ANODES A BASE D'UN ALLIAGE NICKEL-FER, DESTINEES A DES CELLULES D'EXTRACTION ELECTROLYTIQUE D'ALUMINIUM**  
[72] CROTTAZ, OLIVIER, CH  
[72] DURUZ, JEAN-JACQUES, CH  
[71] MOLTECH INVENT S.A., LU  
[85] 2001-01-30  
[86] 1999-07-30 (PCT/IB99/01362)  
[87] 2000-02-10 (WO00/06804)  
[30] US (09/126,839) 1998-07-30  
[30] WO (PCT/IB99/00016) 1999-01-08

[21] **2,339,012**  
[13] A1

[51] **Int.Cl. 6G01V 1/40**  
[25] EN  
[54] **APPARATUS AND METHOD FOR GENERATING SEISMIC ENERGY IN SUBTERRANEAN FORMATIONS**  
[54] **APPAREIL ET PROCEDE PERMETTANT DE GENERER UNE ENERGIE SISMIQUE DANS DES FORMATIONS SOUTERRAINES**  
[72] MEEDER, CHARLES, US  
[72] SNIDER, PHILIP, US  
[72] WILEY, ROBERT, US  
[72] HANEY, JOSEPH, US  
[72] WESSON, DAVID, US  
[72] SHATZ, JOHN, US  
[71] MARATHON OIL COMPANY, US  
[85] 2001-01-30  
[86] 1999-08-03 (PCT/US99/17638)  
[87] 2000-02-17 (WO00/08486)  
[30] US (60/095,277) 1998-08-04  
[30] US (09/365,239) 1999-07-30

[21] **2,339,013**  
[13] A1

[51] **Int.Cl. 7A01N 25/28 7B01J 13/16**  
[25] EN  
[54] **ACID-TRIGGERED RELEASE MICROCAPSULES**  
[54] **MICROCAPSULES A LIBERATION DECLENCHEE PAR BASE**  
[72] VAN KOPPENHAGEN, JUANITA E., US  
[72] FOLLOWS, RICHARD R., GB  
[72] WADE, PHILIP P., GB  
[72] SHIRLEY, IAN M., GB  
[72] SCHER, HERBERT BENSON, US  
[72] LEE, KUO-SHIN, US  
[71] ZENECA LIMITED, GB  
[85] 2001-01-30  
[86] 1999-07-28 (PCT/GB99/02466)  
[87] 2000-02-10 (WO00/05952)  
[30] US (09/126,333) 1998-07-30

[21] **2,339,014**  
[13] A1

[51] **Int.Cl. 7C21B 13/10 7C22B 7/00**  
[25] EN  
[54] **METHOD FOR HEAT-TREATING RECYCLINGS CONTAINING OIL AND IRON OXIDE**  
[54] **PROCEDE DE TRAITEMENT THERMIQUE DE RESIDUS CONTENANT DE L'HUILE ET DES OXYDES DE FER**  
[72] HANSMANN, THOMAS, DE  
[72] SOLVI, MARC, LU  
[72] FRIEDEN, ROMAIN, LU  
[71] PAUL WURTH S.A., LU  
[85] 2001-01-30  
[86] 1999-08-30 (PCT/EP99/06382)  
[87] 2000-03-16 (WO00/14286)  
[30] LU (90282) 1998-09-02

[21] **2,339,015**  
[13] A1

[51] **Int.Cl. 6A61F 5/01 6A61F 5/00 6A61F 5/37**  
[25] EN  
[54] **SHOULDER BRACE**  
[54] **SUPPORT D'EPAULE**  
[72] KANIA, BRUCE, G., US  
[71] KANIA, BRUCE G., US  
[85] 2001-01-30  
[86] 1999-07-30 (PCT/US99/16694)  
[87] 2000-02-10 (WO00/06058)  
[30] US (60/094,751) 1998-07-31

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[21] **2,339,016**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68**  
[25] EN  
[54] **NUCLEIC ACID LABELING COMPOUNDS**  
[54] **COMPOSES DE MARQUAGE D'ACIDES NUCLEIQUES**  
[72] BARONE, ANTHONY D., US  
[72] MCGALL, GLENN H., US  
[71] AFFYMETRIX, INC., US  
[85] 2001-01-30  
[86] 1999-07-20 (PCT/US99/12390)  
[87] 2000-02-10 (WO00/06771)  
[30] US (09/126,645) 1998-07-31

[21] **2,339,017**  
[13] A1

[51] **Int.Cl. 7A01B 59/06 7A01B 59/041**  
[25] EN  
[54] **HITCH ASSEMBLY FOR A WORK MACHINE**  
[54] **ENSEMBLE ATTELAGE POUR MACHINE DE TRAVAIL**  
[72] STUCKEY, GREGORY K., US  
[72] SUTTON, LYNN A., US  
[72] MOORE, JEFFREY A., US  
[71] CATERPILLAR INC., US  
[85] 2001-01-30  
[86] 1999-07-19 (PCT/US99/16315)  
[87] 2000-03-09 (WO00/11929)  
[30] US (09/141,965) 1998-08-28

[21] **2,339,018**  
[13] A1

[51] **Int.Cl. 7C07D 405/12 7C07D 471/04 7C07K 5/06 7C07D 405/14 7A61P 5/24 7A61K 31/40 7A61K 31/445**  
[25] EN  
[54] **FSH MIMETICS FOR THE TREATMENT OF INFERTILITY**  
[54] **ANALOGUES DE L'HORMONE DE STIMULATION DES FOLLICULES POUR TRAITER L'INFERTILITE**  
[72] EL TAYER, NABIL, US  
[72] BUCKLER, DAVID, US  
[72] REDDY, ADULLA, US  
[72] MAGAR, SHARAD, US  
[71] APPLIED RESEARCH SYSTEMS ARS HOLDING N.V., AN  
[85] 2001-01-30  
[86] 1999-08-05 (PCT/US99/17755)  
[87] 2000-02-17 (WO00/08015)  
[30] US (60/095,712) 1998-08-07

[21] **2,339,019**  
[13] A1

[51] **Int.Cl. 7C22C 1/10**  
[25] EN  
[54] **PREPARATION OF METAL-MATRIX COMPOSITE MATERIALS WITH HIGH PARTICULATE LOADINGS BY CONCENTRATION**  
[54] **PREPARATION DE MATERIAUX COMPOSITES A MATRICE METALLIQUE A FORTE CONCENTRATION EN CHARGE DE PARTICULES**  
[72] HAY, GARY, CA  
[72] DOUTRE, DON ALLEN, CA  
[72] JIN, ILJOON, CA  
[72] LLOYD, DAVID JAMES, CA  
[72] WALES, PETER ALEXANDER, CA  
[71] ALCAN INTERNATIONAL LIMITED, CA  
[85] 2001-01-30  
[86] 1999-08-06 (PCT/CA99/00721)  
[87] 2000-02-17 (WO00/08218)  
[30] US (09/131,131) 1998-08-07

[21] **2,339,021**  
[13] A1

[51] **Int.Cl. 7D21H 25/18**  
[25] EN  
[54] **PRODUCT FOR DESACIDIFICATION OF CELLULOSE MATERIAL, PRODUCTION AND UTILIZATION THEREOF**  
[54] **PRODUIT DE DESACIDIFICATION DE MATIERE CELLULOSIQUE, SON OBTENTION ET UTILISATION**  
[72] AREAL GUERRA, ROGILIO, ES  
[71] UNIVERSITAT POLITECNICA DE CATALUNYA, ES  
[85] 2001-01-30  
[86] 1999-07-29 (PCT/ES99/00242)  
[87] 2000-02-17 (WO00/08250)  
[30] ES (P 9801733) 1998-07-31  
[30] ES (P 9801737) 1998-07-31

[21] **2,339,023**  
[13] A1

[51] **Int.Cl. 7G01N 33/92**  
[25] EN  
[54] **IN-VITRO METHOD FOR DETECTING AND DIAGNOSING ACUTE CORONARY SYNDROMES**  
[54] **PROCEDE IN VITRO POUR DEPISTER ET DIAGNOSTIQUER DES SYNDROMES CORONARIENS AIGUS**  
[72] FREI, ULRICH, DE  
[72] DANNE, OLIVER, DE  
[72] MUGGE, CLEMENS, DE  
[72] ZSCHUNKE, ADOLF, DE  
[71] FREI, ULRICH, DE  
[71] DANNE, OLIVER, DE  
[71] MUGGE, CLEMENS, DE  
[71] ZSCHUNKE, ADOLF, DE  
[85] 2001-01-29  
[86] 1999-08-11 (PCT/EP99/05911)  
[87] 2000-02-24 (WO00/10014)  
[30] DE (198 36 617.5) 1998-08-12

[21] **2,339,024**  
[13] A1

[51] **Int.Cl. 6B41N 7/00**  
[25] EN  
[54] **PRINTING SLEEVES AND METHODS FOR PRODUCING SAME**  
[54] **GAINES D'IMPRESSIION ET PROCEDES DE FABRICATION**  
[72] BORSKI, MARK ALAN, US  
[71] AXCYL, INC., US  
[85] 2001-01-29  
[86] 1999-07-30 (PCT/US99/17427)  
[87] 2000-02-10 (WO00/06393)  
[30] US (60/094,877) 1998-07-30

[21] **2,339,034**  
[13] A1

[51] **Int.Cl. 6C12N 7/02 6A61K 39/12**  
[25] EN  
[54] **PROCESS FOR PURIFYING HUMAN PAPILLOMAVIRUS VIRUS-LIKE PARTICLES**  
[54] **PROCEDE PERMETTANT DE PURIFIER DES PARTICULES HUMAINES DE TYPE PAPILLOMAVIRUS**  
[72] COOK, JAMES C., III, US  
[71] MERCK & CO., INC., US  
[85] 2001-02-08  
[86] 1999-08-10 (PCT/US99/17930)  
[87] 2000-02-24 (WO00/09671)  
[30] US (60/096,568) 1998-08-14

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[21] **2,339,041**  
[13] A1

[51] **Int.Cl. 7C12N 15/10 7C12N 15/62**  
[25] EN  
[54] **CONSTRUCTION OF NORMALIZED CDNA LIBRARIES FROM EUKARYOTIC CELLS**  
[54] **CONSTRUCTION DE BIBLIOTHEQUES D'ADNC NORMALISEES A PARTIR DE CELLULES EUKARYOTES**  
[72] SANDS, ARTHUR T., US  
[72] FRIEDRICH, GLENN, US  
[72] ZAMBROWICZ, BRIAN, US  
[72] NEHLS, MICHAEL, US  
[72] WATTLER, SIGRID, US  
[72] RULEY, H. EARL, US  
[71] LEXICON GENETICS INCORPORATED, US  
[85] 2001-02-07  
[86] 1999-08-10 (PCT/US99/17945)  
[87] 2000-02-24 (WO00/09681)  
[30] US (60/095,989) 1998-08-10

[21] **2,339,045**  
[13] A1

[51] **Int.Cl. 7C07K 16/10 7C12N 15/10 7C07K 14/18 7A61K 39/395 7G01N 33/576 7G01N 33/577**  
[25] EN  
[54] **ANTI HEPATITIS C VIRUS ANTIBODY AND USES THEREOF**  
[54] **ANTICORPS CONTRE LE VIRUS DE L'HEPATITE C ET SES UTILISATIONS**  
[72] DESGRANGES, CLAUDE, FR  
[72] REITER, CHRISTIAN, DE  
[72] FOURNILLIER, ANNE, FR  
[72] INCHAUSPE, GENEVIEVE, FR  
[72] TREPO, CHRISTIAN, FR  
[72] HABERSETZER, FRANCOIS, FR  
[71] CONNEX GESELLSCHAFT ZUR OPTIMIERUNG VON FORSCHUNG UND ENTWICKLUNG MBH, DE  
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR  
[85] 2001-01-19  
[86] 1999-07-20 (PCT/EP99/05173)  
[87] 2000-02-03 (WO00/05266)  
[30] EP (98113595.7) 1998-07-21

[21] **2,339,047**  
[13] A1

[51] **Int.Cl. 6C07K 14/435 6C07K 14/00 6C07K 7/06 6C12N 5/10 6C12N 15/10 6C12N 15/11 6C12N 15/12 6A61K 38/16 6C12N 15/63**  
[25] EN  
[54] **SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM**  
[54] **PROTEINES SECRETEES ET POLYNUCLEOTIDES LES CODANT**  
[72] SPAULDING, VIKKI, US  
[72] CLARK, HILARY F., US  
[72] WONG, GORDON G., US  
[72] FECHTEL, KIM, US  
[72] STEININGER, ROBERT J., II, US  
[72] MERBERG, DAVID, US  
[72] EVANS, CHERYL, US  
[72] COLLINS-RACIE, LISA A., US  
[72] AGOSTINO, MICHAEL J., US  
[72] TREACY, MAURICE, IE  
[72] LAVALLIE, EDWARD R., US  
[72] MCCOY, JOHN M., US  
[72] JACOBS, KENNETH, US  
[71] GENETICS INSTITUTE, INC., US  
[85] 2001-02-12  
[86] 1999-08-13 (PCT/US99/18298)  
[87] 2000-02-24 (WO00/09552)

[30] US (60/096,622) 1998-08-14  
[30] US (60/096,815) 1998-08-17  
[30] US (60/099,229) 1998-09-04  
[30] US (60/105,368) 1998-10-23  
[30] US (60/115,234) 1999-01-08  
[30] US (60/119,931) 1999-02-12  
[30] US (60/120,575) 1999-02-18  
[30] US (60/132,020) 1999-04-30  
[30] US (60/148,424) 1999-08-11

[21] **2,339,083**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C07K 16/18 7C07K 14/47 7C12N 15/62 7G01N 33/68 7C12Q 1/68**  
[25] FR  
[54] **SEQUENCES NUCLEIQUES CODANT POUR UNE PROTEINE (ATIP) INTERAGISSANT AVEC LE RECEPTEUR AT2 ET LEURS APPLICATIONS**  
[54] **NUCLEIC SEQUENCES CODING FOR AN AT2 INTERACTING PROTEIN INTERACTING WITH THE AT2 RECEPTOR AND THEIR APPLICATIONS**  
[72] NAHMIA, CLARA, FR  
[72] ELBAZ, NATHALIE, FR  
[72] STROSBERG, ARTHUR DONNY, FR  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE-CNRS, FR  
[85] 2001-02-02  
[86] 1999-08-02 (PCT/FR99/01908)  
[87] 2000-02-17 (WO00/08148)  
[30] FR (98/09997) 1998-08-04

[21] **2,339,084**  
[13] A1

[51] **Int.Cl. 6C12N 15/82 6C07H 21/04**  
[25] EN  
[54] **PLANT FATTY ACID DESATURASE PROMOTERS**  
[54] **PROMOTEURS DE DESATURASE D'ACIDES GRAS VEGETAUX**  
[72] SHORROSH, BASIL S., US  
[71] CARGILL, INCORPORATED, US  
[85] 2001-02-02  
[86] 1999-08-04 (PCT/US99/17653)  
[87] 2000-02-17 (WO00/07430)  
[30] US (60/095,317) 1998-08-04

[21] **2,339,085**  
[13] A1

[51] **Int.Cl. 7A61K 47/48 7G01N 33/574 7G01N 33/68**  
[25] EN  
[54] **CONJUGATES TARGETED TO THE INTERLEUKIN-2 RECEPTORS**  
[54] **CONJUGUES CIBLES APPORTES AUX RECEPTEURS CIBLES ET/OU AUX RECEPTEURS DE L'INTERLEUKINE 2**  
[72] PRAKASH, RAMESH K., US  
[72] CLEMENS, CHRISTOPHER M., US  
[71] WATSON LABORATORIES, INC.-UTAH, US  
[85] 2001-02-02  
[86] 1999-08-04 (PCT/US99/17648)  
[87] 2000-02-17 (WO00/07543)  
[30] US (09/128,572) 1998-08-04

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[13] A1  
[51] **Int.Cl. 7A61K 31/4164 7A61P 37/06 7C12N 5/10 7A61K 31/4166 7A61K 31/421 7A61K 31/426 7C12Q 1/68 7C12N 15/85 7C07D 233/94**  
[25] EN  
[54] **METHIMAZOLE DERIVATIVES AND TAUTOMERIC CYCLIC THIONES TO TREAT AUTOIMMUNE DISEASES**  
[54] **DERIVES DE METHIMAZOLE ET THIONES CYCLIQUES TAUTOMERES PERMETTANT DE TRAITER LES MALADIES AUTO-IMMUNES**  
[72] CURLEY, ROBERT W., US  
[72] RICE, JOHN M., US  
[72] KOHN, LEONARD D., US  
[71] SENTRON MEDICAL, INC., US  
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SE, US  
[85] 2001-01-30  
[86] 1999-08-27 (PCT/US99/19862)  
[87] 2000-03-09 (WO00/12175)  
[30] US (09/144,311) 1998-08-31  
[30] US (09/382,960) 1999-08-25

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[13] A1  
[51] **Int.Cl. 6A61K 31/18 6C07C 67/02 6C07D 239/02 6C07D 241/04 6C07D 207/09 6C07C 311/13 6A61K 31/22 6A61K 31/275 6C07D 211/32 6A61K 31/40 6A61K 31/44 6A61K 31/445 6A61K 31/495 6A61K 31/505 6C07C 255/63 6C07D 213/65**  
[25] EN  
[54] **SULPHONAMIDE DERIVATIVES**  
[54] **SULFAMIDES**  
[72] ARNOLD, MACKLIN BRIAN, US  
[72] TROMICZAK, ERIC GEORGE, US  
[72] ZIMMERMAN, DENNIS MICHAEL, US  
[72] BENDER, DAVID MICHAEL, US  
[72] CANTRELL, BUDDY EUGENE, US  
[72] JONES, WINTON DENNIS, US  
[72] ORNSTEIN, PAUL LESLIE, US  
[72] ZARRINMAYEH, HAMIDEH, US  
[72] SIMON, RICHARD LEE, US  
[72] SMITH, EDWARD C. R., US  
[71] ELI LILLY AND COMPANY, US  
[85] 2001-01-30  
[86] 1999-07-28 (PCT/US99/16962)  
[87] 2000-02-10 (WO00/06148)  
[30] US (60/094,973) 1998-07-31

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[13] A1  
[51] **Int.Cl. 7C25C 3/12 7C25C 3/06**  
[25] EN  
[54] **CELLS FOR THE ELECTROWINNING OF ALUMINIUM HAVING DIMENSIONALLY STABLE METAL-BASED ANODES**  
[54] **CELLULES D'EXTRACTION ELECTROLYTIQUE DE L'ALUMINIUM AVEC ANODES A BASE DE METAL AUX DIMENSIONS STABLES**  
[72] CROTTAZ, OLIVIER, CH  
[72] DE NORA, VITTORIO, BS  
[72] DURUZ, JEAN-JACQUES, CH  
[71] MOLTECH INVENT S.A., LU  
[85] 2001-01-30  
[86] 1999-07-30 (PCT/IB99/01360)  
[87] 2000-02-10 (WO00/06802)  
[30] US (09/126,839) 1998-07-30  
[30] WO (PCT/IB99/00016) 1999-01-08

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[13] A1  
[51] **Int.Cl. 7A61K 31/00 7A61P 27/10 7A61K 31/221 7A61K 31/27 7A61K 31/341 7A61K 31/4178 7A61K 31/4453 7A61K 31/452 7A61K 31/551 7A61K 31/5513 7A61K 31/695**  
[25] EN  
[54] **CHOLINERGIC AGENTS IN THE TREATMENT OF PRESBYOPIA**  
[54] **AGENTS CHOLINERGIQUES UTILES DANS LE TRAITEMENT DE LA PRESBYTIE**  
[72] WOLDE MUSSIE, ELIZABETH, US  
[72] GWON, ARLENE, US  
[71] ALLERGAN SALES, INC., US  
[85] 2001-01-30  
[86] 1999-07-22 (PCT/US99/16260)  
[87] 2000-02-10 (WO00/06135)  
[30] US (09/126,064) 1998-07-30

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[21] **2,339,094**  
[13] A1  
[51] **Int.Cl. 6A61K 31/165 6C07C 233/64**  
[25] EN  
[54] **MACROPHAGE SCAVENGER RECEPTOR ANTAGONISTS**  
[54] **ANTAGONISTES DES RECEPTEURS ACCEPTEURS DE MACROPHAGES**  
[72] WEINSTOCK, JOSEPH P., US  
[72] FRANZ, ROBERT G., US  
[72] GIRARD, GERALD R., US  
[72] GAITANOPOULOS, DIMITRI E., US  
[71] SMITHKLINE BEECHAM CORPORATION, US  
[85] 2001-01-30  
[86] 1999-07-30 (PCT/US99/17166)  
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[30] US (60/094,635) 1998-07-30  
[30] US (60/095,059) 1998-08-03

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[13] A1  
[51] **Int.Cl. 7C25C 3/12**  
[25] EN  
[54] **NICKEL-IRON ALLOY-BASED ANODES FOR ALUMINIUM ELECTROWINNING CELLS**  
[54] **ANODES A BASE D'UN ALLIAGE NICKEL-FER POUR CELLULES D'EXTRACTION ELECTROLYTIQUE DE L'ALUMINIUM**  
[72] CROTTAZ, OLIVIER, CH  
[72] DE NORA, VITTORIO, BS  
[72] DURUZ, JEAN-JACQUES, CH  
[71] MOLTECH INVENT S.A., LU  
[85] 2001-01-30  
[86] 1999-07-30 (PCT/IB99/01361)  
[87] 2000-02-10 (WO00/06803)  
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[30] WO (PCT/IB99/00016) 1999-01-08

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[51] **Int.Cl. 7A61K 38/17 7A61P 43/00 7A61P 37/02 7A61P 25/28**  
[25] EN  
[54] **MODULATION OF APOPTOSIS**  
[54] **MODULATION D'APOPTOSE**  
[72] KORSMEYER, STANLEY J., US  
[72] SCHLESINGER, PAUL H., US  
[71] WASHINGTON UNIVERSITY, US  
[85] 2001-01-30  
[86] 1999-07-30 (PCT/US99/17276)  
[87] 2000-02-10 (WO00/06187)  
[30] US (09/127,048) 1998-07-31

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[13] A1  
[51] **Int.Cl. 6B24B 53/14 6B24D 18/00 6B24D 3/06**  
[25] EN  
[54] **ROTARY DRESSING TOOL CONTAINING BRAZED DIAMOND LAYER**  
[54] **OUTIL DE DRESSAGE ROTATIF CONTENANT UNE COUCHE DE DIAMANT BRASEE**  
[72] BULJAN, SERGEJ-TOMISLAV, US  
[72] ANDREWS, RICHARD M., US  
[71] NORTON COMPANY, US  
[85] 2001-01-30  
[86] 1999-03-02 (PCT/US99/04642)  
[87] 2000-02-10 (WO00/06340)  
[30] US (09/126,806) 1998-07-31

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[51] **Int.Cl. 7H04J 11/00**  
[25] EN  
[54] **OPTICAL CDMA SYSTEM USING SUB-BAND CODING**  
[54] **SYSTEME AMCR OPTIQUE A CODAGE DE BANDE INFERIEURE**  
[72] DUTT, BIRENDRA, US  
[72] NARAGHI, MANOUHER, US  
[72] CHAN, JAMES K., US  
[71] CODESTREAM TECHNOLOGIES CORPORATION, US  
[85] 2001-01-30  
[86] 1999-07-29 (PCT/US99/17259)  
[87] 2000-02-10 (WO00/07319)  
[30] US (09/126,217) 1998-07-30

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[13] A1  
[51] **Int.Cl. 6A61K 31/18 6C07C 311/13**  
[25] EN  
[54] **SULFONAMIDE DERIVATIVES**  
[54] **SULFAMIDES**  
[72] ZIMMERMAN, DENNIS MICHAEL, US  
[72] ZARRINMAYEH, HAMIDEH, US  
[72] SMITH, EDWARD C. R., US  
[72] ARNOLD, MACKLIN BRIAN, US  
[72] ORNSTEIN, PAUL LESLIE, US  
[71] ELI LILLY AND COMPANY, US  
[85] 2001-01-30  
[86] 1999-07-28 (PCT/US99/16964)  
[87] 2000-02-10 (WO00/06149)  
[30] US (60/094,897) 1998-07-31

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[51] **Int.Cl. 6E05B 63/14 6E05C 9/12**  
[25] EN  
[54] **ADJUSTABLE INTERCONNECTED LOCK**  
[54] **ENSEMBLE VERROU REGLABLE ACCOUPLE**  
[72] MIRSHAFIEE, DAVID, US  
[72] BERGEN, GARY, US  
[71] EMHART, INC., US  
[85] 2001-01-30  
[86] 1999-08-05 (PCT/US99/17768)  
[87] 2000-02-17 (WO00/08281)  
[30] US (09/130,987) 1998-08-07

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[51] **Int.Cl. 7C09K 7/00 7C08B 37/00 7C08G 4/00 7E21B 33/138 7C07C 47/19 7C07C 45/71**  
[25] EN  
[54] **WELLBORE FLUID**  
[54] **BOUE DE FORAGE**  
[72] SAWDON, CHRISTOPHER ALAN, GB  
[72] BALLARD, DAVID, GB  
[71] M-I L.L.C., US  
[85] 2001-01-30  
[86] 1999-07-16 (PCT/EP99/05329)  
[87] 2000-02-10 (WO00/06664)  
[30] GB (9816479.1) 1998-07-30

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[13] A1  
[51] **Int.Cl. 7B01D 61/14 7B01D 71/32**  
[25] EN  
[54] **ULTRAFILTRATION AND MICROFILTRATION OF AQUEOUS SUSPENSIONS**  
[54] **ULTRAFILTRATION ET MICROFILTRATION DE SUSPENSIONS AQUEUSES**  
[72] CRAGG, GEORGE ALFRED, US  
[72] NEMSER, STUART MARSHALL, US  
[71] COMPACT MEMBRANE SYSTEMS, INC., US  
[85] 2001-01-30  
[86] 2000-06-02 (PCT/US00/40032)  
[87] 2000-12-14 (WO00/74825)  
[30] US (09/324,897) 1999-06-03

[21] **2,339,104**  
[13] A1  
[51] **Int.Cl. 6A61F 2/00**  
[25] EN  
[54] **INTERSPERSED HEATING/COOLING TO SHRINK TISSUES FOR INCONTINENCE**  
[54] **ELEMENTS DE CHAUFFAGE/REFROIDISSEMENT INTERCALES, DESTINES A LA CONTRACTION DE TISSUS DANS L'INCONTINENCE**  
[72] ROY, LOREN L., US  
[72] INGLE, FRANK W., US  
[71] SURX, INC., US  
[85] 2001-01-30  
[86] 1999-07-22 (PCT/US99/16670)  
[87] 2000-02-10 (WO00/06047)  
[30] US (60/094,946) 1998-07-31  
[30] US (09/170,763) 1998-10-13

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[13] A1  
[51] **Int.Cl. 7A61K 7/16**  
[25] EN  
[54] **ANTI-INFLAMMATORY DENTAL CARE AGENTS**  
[54] **PRODUITS DE SOINS DENTAIRES A EFFET ANTI-INFLAMMATOIRE**  
[72] JASSOY, CLAUDIA, DE  
[72] LEINEN, HANS-THEO, DE  
[72] WULKNITZ, PETER, DE  
[71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE  
[85] 2001-01-30  
[86] 1999-07-21 (PCT/EP99/05210)  
[87] 2000-02-10 (WO00/06109)  
[30] DE (198 34 355.8) 1998-07-30

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[13] A1  
[51] **Int.Cl. 7C08J 5/04 7C08L 63/08**  
[25] EN  
[54] **COMPOSITE MATERIALS ON THE BASIS OF RENEWABLE RESOURCES**  
[54] **MATERIAUX COMPOSITES A BASE DE MATIERES PREMIERES RENOUVELABLES**  
[72] SKWIERCZ, MICHAEL, DE  
[72] BOGE, KAI, DE  
[72] PRIEBE, CHRISTIAN, DE  
[71] COGNIS DEUTSCHLAND GMBH, DE  
[85] 2001-01-30  
[86] 1999-07-21 (PCT/EP99/05208)  
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[30] DE (198 34 048.6) 1998-07-30



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[13] A1  
[51] **Int.Cl. 7C08J 9/00 7C08L 23/06 7C08L 25/06 7C08L 23/08 7C08L 23/10 7C08L 23/12**  
[25] EN  
[54] **FOAMS PREPARED FROM BLENDS OF SYNDIOTACTIC POLYPROPYLENES AND THERMOPLASTIC POLYMERS**  
[54] **MOUSSES PREPAREES A PARTIR DE MELANGES DE POLYPROPYLENES SYNDIOTACTIQUES ET DE POLYMERES THERMOPLASTIQUES**  
[72] PARK, CHUNG POO, DE  
[71] THE DOW CHEMICAL COMPANY, US  
[85] 2001-01-30  
[86] 1999-08-26 (PCT/US99/19410)  
[87] 2000-03-09 (WO00/12594)  
[30] US (60/098,352) 1998-08-28

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[13] A1  
[51] **Int.Cl. 7C07D 251/24 7C07D 251/20 7C07D 251/22**  
[25] EN  
[54] **PROCESS FOR MAKING 2-HYDROXY-4-ALKOXYPHENYL OR 2,4-DIHYDROXYPHENYL SUBSTITUTED 1,3,5-TRIAZINE UV ABSORBERS**  
[54] **PROCEDE DE PREPARATION DE 1,3,5-TRIAZINE SUBSTITUEE PAR 2-HYDROXY-4-ALCOXYPHENYLE OU 2,4-DIHYDROXYPHENYLE S'UTILISANT COMME ABSORBEURS DE RAYONS ULTRAVIOLETS**  
[72] CAPPADONA, RUSSELL C., US  
[72] VENIMADHAVAN, SAMPATH, US  
[72] PAI, VENKATRAO K., US  
[72] GUPTA, RAM B., US  
[72] JAKIELA, DENNIS J., US  
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH  
[85] 2001-01-30  
[86] 1999-09-01 (PCT/US99/19657)  
[87] 2000-03-16 (WO00/14074)  
[30] US (60/099,220) 1998-09-04

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[13] A1  
[51] **Int.Cl. 7G01N 23/207**  
[25] EN  
[54] **EXAMINING THE ORIENTATION OF THE LATTICE OF A CRYSTAL**  
[54] **EXAMEN DE L'ORIENTATION D'UN RESEAU CRISTALLIN**  
[72] STEWARD, ANDREW DAVID GARRY, GB  
[72] GAUKROGER, MICHAEL PETER, GB  
[71] GERMAN ESTABLISHMENT, LI  
[85] 2001-01-30  
[86] 1999-07-30 (PCT/GB99/02525)  
[87] 2000-02-10 (WO00/06999)  
[30] GB (9816687.9) 1998-07-30

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[13] A1  
[51] **Int.Cl. 6A61N 1/00**  
[25] EN  
[54] **STATIC DEVICES AND METHODS TO SHRINK TISSUES FOR INCONTINENCE**  
[54] **DISPOSITIFS STATIQUES ET TECHNIQUES POUR INCONTINENTS PERMETTANT DE CONTRACTER LES TISSUS**  
[72] INGLE, FRANK W., US  
[72] ROY, LOREN L., US  
[72] MOSEL, BRIAN J., US  
[72] MORRISON, GEORGE A., US  
[71] SURX, INC., US  
[85] 2001-01-30  
[86] 1999-07-29 (PCT/US99/17197)  
[87] 2000-02-10 (WO00/06246)  
[30] US (60/094,946) 1998-07-31  
[30] US (09/170,767) 1998-10-13

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[13] A1  
[51] **Int.Cl. 7G01F 1/74 7G01F 1/704**  
[25] EN  
[54] **METHOD AND APPARATUS TO DETERMINE A PROPERTY OF A MULTIPHASE FLUID**  
[54] **PROCEDE ET APPAREIL POUR DETERMINER UNE PROPRIETE D'UN FLUIDE POLYPHASIQUE**  
[72] RIDLEY, RODNEY K., CA  
[72] TOMA, PETER, CA  
[71] ALBERTA RESEARCH COUNCIL, INC., CA  
[85] 2001-01-30  
[86] 1999-08-04 (PCT/CA99/00701)  
[87] 2000-02-17 (WO00/08422)  
[30] US (09/129,810) 1998-08-06

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[13] A1  
[51] **Int.Cl. 6C07D 221/02 6C07D 453/00 6C07D 455/00 6C07D 491/00 6C07D 498/00 6C07D 513/00 6C07D 451/02 6C07D 471/18 6C07D 221/22 6C07D 215/36**  
[25] EN  
[54] **NOVEL BI- AND TRI-CYCLIC AZA COMPOUNDS AND THEIR USES**  
[54] **NOUVEAUX COMPOSES AZA BI- ET TRICYCLIQUES ET LEURS UTILISATIONS**  
[72] KOZIKOWSKI, ALAN P., US  
[72] SMITH, MILES P., US  
[71] GEORGETOWN UNIVERSITY, US  
[85] 2001-01-30  
[86] 1999-08-05 (PCT/US99/17860)  
[87] 2000-02-17 (WO00/07994)  
[30] US (09/130,178) 1998-08-05

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[13] A1  
[51] **Int.Cl. 6C07D 231/12 6C07D 491/048 6C07D 491/052 6C07D 401/12 6C07D 403/12 6C07D 405/12 6C07D 409/12 6C07D 413/12 6C07D 417/12 6C07D 473/28 6A61K 31/415 6A61K 31/42 6A61K 31/425 6A61K 31/44 6A61K 31/47 6A61K 31/495 6A61K 31/505 6A61K 31/52 6A61K 31/535 6C07D 233/61**  
[25] EN  
[54] **PHENYLAZOLE COMPOUNDS, PROCESS FOR PRODUCING THE SAME AND DRUGS FOR HYPERLIPEMIA**  
[54] **COMPOSES PHENYLAZOLE, PROCEDE DE PRODUCTION DESDITS COMPOSES ET MEDICAMENTS POUR LE TRAITEMENT DE L'HYPERLIPIDEMIE**  
[72] ITO, KUNIHITO, JP  
[72] HORIKOSHI, HIROMI, JP  
[72] YAMADA, HIROKAZU, JP  
[72] NISHIBE, TADAYUKI, JP  
[72] UMEDA, NOBUHIRO, JP  
[72] UCHIDA, SEIICHI, JP  
[72] MOCHIZUKI, NOBUO, JP  
[71] NIPPON SODA CO., LTD., JP  
[85] 2001-01-30  
[86] 1999-07-29 (PCT/JP99/04070)  
[87] 2000-02-10 (WO00/06550)  
[30] JP (10/218316) 1998-07-31  
[30] JP (10/222157) 1998-08-05  
[30] JP (11/16846) 1999-01-26  
[30] JP (11/19670) 1999-01-28  
[30] JP (11/24318) 1999-02-01

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[51] **Int.Cl. 7A23L 1/056 7A23L 1/308 7A61K 31/715**  
[25] EN  
[54] **NOVEL CHITOSAN-CONTAINING LIQUID COMPOSITIONS AND METHODS FOR THEIR PREPARATION AND USE**  
[54] **NOUVELLES COMPOSITIONS LIQUIDES CONTENANT DES CHITOSANES ET METHODES DE PREPARATION ET D'UTILISATION CORRESPONDANTES**  
[72] HARDINGE-LYME, NICHOLAS, US  
[71] E-NUTRICEUTICALS, INC., US  
[85] 2001-01-30  
[86] 1999-07-29 (PCT/US99/17156)  
[87] 2000-02-10 (WO00/05974)  
[30] US (60/094,679) 1998-07-30  
[30] US (60/124,788) 1999-03-17  
[30] US (60/141,021) 1999-06-25

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[13] A1  
[51] **Int.Cl. 6A61B 8/00 6A61B 8/14**  
[25] EN  
[54] **ULTRASONIC TRANSDUCER OFF-APERTURE CONNECTION**  
[54] **BRANCHEMENT A DISTANCE DE L'OUVERTURE POUR TRANSDUCTEUR ULTRASONORE**  
[72] GARCIA, RIZZA A., US  
[72] MENDOZA, DENNIS M., US  
[71] SCIMED LIFE SYSTEMS, INC., US  
[85] 2001-01-30  
[86] 1999-07-20 (PCT/US99/16413)  
[87] 2000-02-10 (WO00/06025)  
[30] US (09/127,252) 1998-07-31

[21] **2,339,128**  
[13] A1  
[51] **Int.Cl. 6A62C 5/02**  
[25] EN  
[54] **SELF-EDUCING FOAM NOZZLE**  
[54] **LANCE A MOUSSE AVEC EXTRACTION ET EXPULSION AUTOMATIQUES D'ADDITIF**  
[72] STEINGASS, ROBERT, US  
[72] KOLZCZ, DAVID, US  
[71] TASK FORCE TIPS, INC., US  
[85] 2001-01-30  
[86] 1999-03-24 (PCT/US99/06431)  
[87] 1999-10-14 (WO99/51307)  
[30] US (09/054,001) 1998-04-02

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[13] A1  
[51] **Int.Cl. 7B06B 1/06**  
[25] EN  
[54] **OFF-APERTURE ELECTRICAL CONNECTION FOR ULTRASONIC TRANSDUCER**  
[54] **BRANCHEMENT ELECTRIQUE POUR TRANSDUCTEUR D'ULTRASONS A DISTANCE DE L'OUVERTURE**  
[72] WHITE, DAVID A., US  
[72] SUORSA, VEIJO T., US  
[71] BOSTON SCIENTIFIC LIMITED, BB  
[85] 2001-01-30  
[86] 1999-07-29 (PCT/IB99/01348)  
[87] 2000-02-10 (WO00/06309)  
[30] US (09/127,089) 1998-07-31

[21] **2,339,132**  
[13] A1  
[51] **Int.Cl. 6A61M 15/00**  
[25] EN  
[54] **POWDER CLASSIFICATION DEVICE**  
[54] **DISPOSITIF DE CLASSIFICATION DE POUDRE**  
[72] NILSSON, LARS-GUNNAR, SE  
[71] MICRODRUG AG, CH  
[85] 2001-01-30  
[86] 1999-07-08 (PCT/SE99/01242)  
[87] 2000-02-10 (WO00/06235)  
[30] SE (9802649-5) 1998-07-30

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[13] A1  
[51] **Int.Cl. 6A61N 1/05**  
[25] EN  
[54] **SLOTTED PACING/SHOCKING ELECTRODE**  
[54] **ELECTRODE DE STIMULATION/CHOC A FENTES**  
[72] BARTIG, JEFFREY T., US  
[72] CREVENSTEN, GWEN, US  
[71] CARDIAC PACEMAKERS, INC., US  
[85] 2001-01-30  
[86] 1999-07-30 (PCT/US99/17304)  
[87] 2000-02-10 (WO00/06247)  
[30] US (09/126,068) 1998-07-30

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[13] A1  
[51] **Int.Cl. 6A61K 31/55 6A61K 31/27 6A61K 31/34 6A61K 31/38 6A61K 31/425**  
[25] EN  
[54] **METHOD OF TREATING NEURODEGENERATIVE DISEASES**  
[54] **PROCEDE DE TRAITEMENT DES MALADIES NEURODEGENERATIVES**  
[72] WOLD-OLSEN, PER, US  
[72] BLOCK, GILBERT A., US  
[71] MERCK & CO., INC., US  
[85] 2001-01-31  
[86] 1999-08-27 (PCT/US99/19654)  
[87] 2000-03-09 (WO00/12093)  
[30] US (60/098,481) 1998-08-31  
[30] GB (9822698.8) 1998-10-16

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[13] A1  
[51] **Int.Cl. 6G06F 13/00 6G06T 11/00 6G06F 17/21**  
[25] EN  
[54] **SYSTEM FOR CAPTURING, ANNOTATING AND TRANSMITTING IMAGES OF INTERNET WEB PAGES**  
[54] **SYSTEME DE SAISIE, D'ANNOTATION ET DE TRANSMISSION D'IMAGES DE PAGES INTERNET**  
[72] GRIGSBY, DOROTHEA ANNE, US  
[72] MARMADUKE, KARL CHRISTIAN, US  
[72] PATERNOSTER, KIMBERLY ANNE, US  
[72] NG, HIU MAN, US  
[71] INSIGHT DEVELOPMENT CORPORATION, US  
[85] 2001-01-30  
[86] 1999-07-30 (PCT/US99/17432)  
[87] 2000-02-10 (WO00/07110)  
[30] US (09/126,319) 1998-07-30

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[13] A1  
[51] **Int.Cl. 7A47C 1/00 7A47B 1/00**  
[25] EN  
[54] **PROCESS OF PREPARING FURNITURE AND DECORATIVE ITEMS**  
[54] **PROCEDE DE PREPARATION DE MEUBLES ET D'ARTICLES DECORATIFS**  
[72] ANAND, RAMA, IN  
[71] ANAND, RAMA, IN  
[85] 2001-01-30  
[86] 1999-06-02 (PCT/IN99/00021)  
[87] 2000-02-10 (WO00/05995)  
[30] IN (2240/DEL/98) 1998-07-31

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[13] A1

[51] **Int.Cl. 7A61K 47/48 7C08B 37/00 7C07K 7/23 7C08G 63/692 7C08G 63/91**  
[25] EN  
[54] **PHOSPHORYLATED POLYMERS AND CONJUGATES THEREOF**  
[54] **POLYMERES PHOSPHORILES ET LEUR CONJUGUES**  
[72] SHALABY, SHALABY WAHBA, US  
[72] CORBETT, JOEL THOMAS, US  
[71] POLY-MED, INC., US  
[85] 2001-01-31  
[86] 1999-08-10 (PCT/US99/18146)  
[87] 2000-02-24 (WO00/09166)  
[30] US (09/131,472) 1998-08-10  
[30] US (60/095,875) 1998-08-10

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[13] A1

[51] **Int.Cl. 7C25D 21/12**  
[25] EN  
[54] **ALKALI ZINC NICKEL BATH**  
[54] **BAIN ALCALIN DE ZINC-NICKEL**  
[72] HILLEBRAND, ERNST-WALTER, DE  
[71] WALTER HILLEBRAND GMBH & CO. GALVANOTECHNIK, DE  
[85] 2001-01-30  
[86] 1999-07-29 (PCT/EP99/05443)  
[87] 2000-02-10 (WO00/06807)  
[30] DE (198 34 353.1) 1998-07-30

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[13] A1

[51] **Int.Cl. 6A61K 31/13 6A61K 31/195 6A61K 31/415**  
[25] EN  
[54] **NITROSATED AND NITROSYLATED ALPHA-ADRENERGIC RECEPTOR ANTAGONISTS, COMPOSITIONS AND METHODS OF USE**  
[54] **ANTAGONISTES NITROSES ET NITROSYLES DES RECEPTEURS ALPHA-ADRENERGIQUES, COMPOSITIONS ET METHODES D'UTILISATION**  
[72] WANG, TIANSHENG, US  
[72] GARVEY, DAVID S., US  
[72] SAENZ DE TEJADA, INIGO, ES  
[72] SCHROEDER, JOSEPH D., US  
[72] GASTON, RICKY D., US  
[72] SHELEKHIN, TATIANA E., US  
[71] NITROMED, INC., US  
[85] 2001-01-31  
[86] 1999-09-01 (PCT/US99/20023)  
[87] 2000-03-09 (WO00/12075)  
[30] US (09/145,143) 1998-09-01

[21] **2,339,146**  
[13] A1

[51] **Int.Cl. 7A61K 31/5377 7A61K 31/00 7A61K 31/4035 7A61K 31/404 7A61K 31/438 7A61K 31/451 7A61K 31/454 7A61K 31/4545 7A61K 31/4709 7A61K 31/5375 7A61K 31/675**  
[25] EN  
[54] **USE OF A NK-1 RECEPTOR ANTAGONIST FOR TREATING OR PREVENTING ABNORMAL BONE RESORPTION**  
[54] **UTILISATION D'UN ANTAGONISTE DU RECEPTEUR NK-1 POUR TRAITER OU PREVENIR LA RESORPTION OSSEUSE ANORMALE**  
[72] RUPNIAK, NADIA MELANIE, GB  
[72] HARGREAVES, RICHARD JOHN, GB  
[71] MERCK SHARP & DOHME LIMITED, GB  
[85] 2001-01-31  
[86] 1999-07-30 (PCT/GB99/02509)  
[87] 2000-02-17 (WO00/07598)  
[30] GB (9816897.4) 1998-08-04

[21] **2,339,147**  
[13] A1

[51] **Int.Cl. 6A61K 47/24 6A61K 9/14 6A61K 31/43 6A61K 47/44 6A61K 31/545 6A61K 31/55**  
[25] EN  
[54] **STABILIZED PREPARATIONS OF .BETA.-LACTAM ANTIBIOTIC**  
[54] **PREPARATIONS STABILISEES DE .BETA.-LACTAMINE**  
[72] SHIBATANI, HATSUO, JP  
[72] NAKAMURA, TOMOYASU, JP  
[71] FUJISAWA PHARMACEUTICAL CO., LTD., JP  
[85] 2001-01-30  
[86] 1999-06-16 (PCT/JP99/03233)  
[87] 2000-02-17 (WO00/07628)  
[30] JP (10/220161) 1998-08-04

[21] **2,339,148**  
[13] A1

[51] **Int.Cl. 7H01L 31/02 7G02B 6/293 7G02B 6/42**  
[25] EN  
[54] **LIGHT-RECEIVING ELEMENT ARRAY DEVICE AND OPTICAL DEMULTIPLEXER USING THE SAME**  
[54] **DISPOSITIF COMPORTANT UN RESEAU DE PHOTORECEPTEURS ET DEMULTIPLEXEUR OPTIQUE UTILISANT CE DISPOSITIF**  
[72] TAGAMI, TAKASHI, JP  
[72] NAKAMA, KENICHI, JP  
[71] NIPPON SHEET GLASS CO., LTD., JP  
[85] 2001-01-31  
[86] 2000-06-01 (PCT/JP00/03542)  
[87] 2000-12-14 (WO00/76000)  
[30] JP (11/157620) 1999-06-04

[21] **2,339,149**  
[13] A1

[51] **Int.Cl. 6E05F 15/20 6B60J 5/00**  
[25] EN  
[54] **AUTOMATIC OPENING AND CLOSING DEVICE**  
[54] **DISPOSITIF D'OUVERTURE ET DE FERMETURE AUTOMATIQUE**  
[72] TSUGE, NOBORU, JP  
[72] ISHIHARA, HIDENORI, JP  
[71] ASMO CO., LTD., JP  
[85] 2001-02-26  
[86] 1998-12-22 (PCT/JP98/05812)  
[87] 1999-07-08 (WO99/34081)  
[30] JP (9/354975) 1997-12-24  
[30] JP (10/72696) 1998-03-20  
[30] JP (10/100086) 1998-03-27

[21] **2,339,151**  
[13] A1

[51] **Int.Cl. 7B05B 11/00 7B65D 83/14**  
[25] EN  
[54] **LIQUID SPRAYER**  
[54] **PULVERISATEUR DE LIQUIDE**  
[72] LEULIET, DAVID, FR  
[72] ALLEARD, JEAN-PIERRE, FR  
[72] HENNEMANN, PASCAL, FR  
[71] REXAM SOFAB, FR  
[85] 2001-01-30  
[86] 1999-07-30 (PCT/FR99/01890)  
[87] 2000-02-17 (WO00/07740)  
[30] FR (98/09853) 1998-07-31

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[21] **2,339,152**  
[13] A1

[51] **Int.Cl. 6H04N 1/387**  
[25] EN  
[54] **IMAGE TRANSMISSION METHOD AND IMAGE TRANSMISSION DEVICE FOR REALIZING THE SAME**  
[54] **PROCEDE DE TRANSMISSION D'IMAGES ET DISPOSITIF POUR SA MISE EN OEUVRE**  
[72] SHINOHARA, TOSHIKI, JP  
[72] TSUZUKI, KENGO, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[85] 2001-01-31  
[86] 1999-07-30 (PCT/JP99/04111)  
[87] 2000-02-10 (WO00/07359)  
[30] JP (10/229513) 1998-07-31

[21] **2,339,153**  
[13] A1

[51] **Int.Cl. 6G02B 5/08 6G02B 5/02 6G02F 1/1335**  
[25] EN  
[54] **REFLECTORS AND TRANSFLECTORS**  
[54] **REFLECTEURS ET TRANSFLECTEURS**  
[72] TANAKA, KOUICHI, JP  
[72] EMORI, HIROYUKI, JP  
[71] NIPPON KAYAKU KABUSHIKI KAISHA, JP  
[71] POLATECHNO CO., LTD., JP  
[85] 2001-01-30  
[86] 1999-07-26 (PCT/JP99/03988)  
[87] 2000-02-10 (WO00/07041)  
[30] JP (10/216336) 1998-07-31  
[30] JP (10/232618) 1998-08-19

[21] **2,339,154**  
[13] A1

[51] **Int.Cl. 7A61F 13/15**  
[25] EN  
[54] **METHOD FOR MAKING FIBROUS LOOP MEMBER**  
[54] **PROCEDE DE FABRICATION D'ELEMENT BOUCLE FIBREUX**  
[72] STIEHL, GABRIELE, DE  
[72] MULLER, JORG, DE  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-01-30  
[86] 1999-08-13 (PCT/US99/18440)  
[87] 2000-02-24 (WO00/09057)  
[30] EP (98115225.9) 1998-08-13

[21] **2,339,155**  
[13] A1

[51] **Int.Cl. 7H01J 7/18**  
[25] EN  
[54] **COMPOSITE MATERIALS CAPABLE OF HYDROGEN SORPTION INDEPENDENTLY FROM ACTIVATING TREATMENTS AND METHODS FOR THE PRODUCTION THEREOF**  
[54] **MATERIAUX COMPOSITES PERMETTANT LA SORPTION D'HYDROGENE INDEPENDAMMENT DE TRAITEMENTS D'ACTIVATION ET LEURS PROCEDES DE PRODUCTION**  
[72] DELLA PORTA, PAOLO, IT  
[72] TOIA, LUCA, IT  
[72] BOFFITO, CLAUDIO, IT  
[71] SAES GETTERS S.P.A., IT  
[85] 2001-01-31  
[86] 2000-06-01 (PCT/IT00/00225)  
[87] 2000-12-14 (WO00/75950)  
[30] IT (MI99A001241) 1999-06-02  
[30] IT (MI2000A000475) 2000-03-09

[21] **2,339,156**  
[13] A1

[51] **Int.Cl. 7B60S 9/08**  
[25] EN  
[54] **DEVICE FOR SUPPORTING A SEMI-TRAILER OF A SEMI-TRAILER TOWING VEHICLE**  
[54] **ELEMENT D'APPUI POUR REMORQUE DE SEMI-REMORQUE**  
[72] PFISTER, STEFFEN, DE  
[72] MULLER, GERALD, DE  
[72] ALGUERA GALLEGO, JOSE MANUEL, DE  
[71] JOST-WERKE GMBH & CO. KG, DE  
[85] 2001-01-31  
[86] 1999-08-07 (PCT/EP99/05733)  
[87] 2000-02-24 (WO00/09372)  
[30] DE (198 36 635.3) 1998-08-13

[21] **2,339,157**  
[13] A1

[51] **Int.Cl. 6A61B 17/58 6A61B 17/60**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR PLACING MATERIALS INTO BONE**  
[54] **SYSTEMES ET PROCEDES PERMETTANT D'INTRODUIRE UNE MATIERE DANS UN OS**  
[72] REILEY, MARK A., US  
[72] BOUCHER, RYAN, US  
[72] REO, MICHAEL L., US  
[72] SCRIBNER, ROBERT M., US  
[71] KYPHON INC., US  
[85] 2001-01-31  
[86] 1999-07-26 (PCT/US99/16289)  
[87] 2000-02-24 (WO00/09024)  
[30] US (09/134,323) 1998-08-14

[21] **2,339,158**  
[13] A1

[51] **Int.Cl. 7B29C 39/18 7B29C 39/20**  
[25] EN  
[54] **PAPERMAKING BELT AND PROCESS AND APPARATUS FOR MAKING SAME**  
[54] **COURROIE DE MACHINE A PAPIER ET PROCEDE ET APPAREIL DE FABRICATION DE CETTE COURROIE**  
[72] AMPULSKI, ROBERT STANLEY, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-01-30  
[86] 1999-08-13 (PCT/US99/18595)  
[87] 2000-02-24 (WO00/09308)  
[30] US (09/134,186) 1998-08-14

[21] **2,339,159**  
[13] A1

[51] **Int.Cl. 7E04B 2/74**  
[25] EN  
[54] **MOBILE PARTITION**  
[54] **CLOISON MOBILE**  
[72] AUER, KARL-HEINZ, DE  
[71] PREFORM RAUMGLIEDERUNGSSYSTEME GMBH, DE  
[85] 2001-01-30  
[86] 1999-07-23 (PCT/EP99/05261)  
[87] 2000-02-17 (WO00/08270)  
[30] EP (98114411.6) 1998-07-31

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[21] **2,339,160**  
[13] A1

[51] **Int.Cl. 7B60R 21/16**  
[25] EN  
[54] **METHOD AND APPARATUS FOR FOLDING AN AIRBAG**  
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE PLIER UN COUSSIN GONFLABLE**  
[72] IFEL, MICHAEL D., DE  
[72] MAUL, HOLGER, DE  
[72] JOST, MARKUS, DE  
[72] STAUB, ANDREAS, DE  
[71] BREED AUTOMOTIVE TECHNOLOGY, INC., US  
[85] 2001-01-30  
[86] 1999-09-07 (PCT/US99/20415)  
[87] 2000-03-23 (WO00/15467)  
[30] DE (198 42 026.9) 1998-09-14

[21] **2,339,161**  
[13] A1

[51] **Int.Cl. 7D21F 1/00 7B29C 39/14**  
[25] EN  
[54] **PROCESS AND APPARATUS FOR MAKING PAPERMAKING BELT**  
[54] **PROCEDE ET APPAREIL DE FABRICATION D'UNE COURROIE DE MACHINE A PAPIER**  
[72] AMPULSKI, ROBERT STANLEY, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-01-30  
[86] 1999-08-13 (PCT/US99/18594)  
[87] 2000-02-24 (WO00/09803)  
[30] US (09/134,258) 1998-08-14

[21] **2,339,162**  
[13] A1

[51] **Int.Cl. 6B05B 5/00**  
[25] EN  
[54] **ELECTROSTATIC SPRAY MODULE**  
[54] **APPAREIL DE PULVERISATION ELECTROSTATIQUE**  
[72] HARTMAN, WILLIAM J., US  
[72] WHITE, ROBERT B., US  
[71] PROGRESSIVE GROWER TECHNOLOGIES, INC., US  
[85] 2001-01-31  
[86] 1999-08-03 (PCT/US99/17666)  
[87] 2000-02-17 (WO00/07737)  
[30] US (09/130,034) 1998-08-04

[21] **2,339,163**  
[13] A1

[51] **Int.Cl. 6C12M 1/36**  
[25] EN  
[54] **A THERMAL/FLUIDIC CYCLING DEVICE FOR THE PURPOSE OF NUCLEIC ACID HYBRIDIZATION**  
[54] **DISPOSITIF A CYCLES THERMIQUE ET FLUIDIQUE POUR L'HYBRIDATION D'ACIDE NUCLEIQUE**  
[72] CUSTANCE, AARON, GB  
[72] PARKER, JONATHAN IAM, GB  
[71] GENOMIC SOLUTIONS, INC., US  
[85] 2001-01-31  
[86] 1999-08-10 (PCT/US99/18122)  
[87] 2000-02-24 (WO00/09650)  
[30] US (60/096,109) 1998-08-10

[21] **2,339,164**  
[13] A1

[51] **Int.Cl. 7G06K 9/20**  
[25] EN  
[54] **ASSEMBLY FOR DETECTING THE SUPERFICIAL STRUCTURES OF FINGERS AND/OR PALMS**  
[54] **DISPOSITIF POUR DETECTER DES STRUCTURES SUPERFICIELLES DE DOIGTS ET/OU DES SURFACES INTERIEURES DE MAINS**  
[72] RICHTER, UWE, DE  
[72] HILLMANN, JURGEN, DE  
[71] HEIMANN BIOMETRIC SYSTEMS GMBH, DE  
[85] 2001-01-31  
[86] 2000-05-31 (PCT/EP00/04974)  
[87] 2000-12-14 (WO00/75858)  
[30] DE (199 27 025.2) 1999-06-04

[21] **2,339,165**  
[13] A1

[51] **Int.Cl. 7C07F 1/02 7C08G 67/02 7B01J 31/24 7C07F 9/28 7C07F 9/46 7C07F 9/50 7C07F 9/54**  
[25] EN  
[54] **PREPARATION OF ORGANOLITHIUM AND ORGANOPHOSPHORUS DERIVATIVES**  
[54] **COMPOSES CONTENANT DU PHOSPHORE, LEURS PROCEDES DE PREPARATION ET INTERMEDIARES, LEUR UTILISATION DANS LA CATALYSE DE PROCESSUS DE COPOLYMERISATION ET COPOLYMERES OBTENUS**  
[72] DE WITH, JAN, NL  
[72] VAN GINKEL, ROELOF, NL  
[72] VAN DER MADE, ALEXANDER WILLEM, NL  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 2001-01-31  
[86] 1999-08-03 (PCT/EP99/05748)  
[87] 2000-02-17 (WO00/08030)  
[30] EP (98306254.8) 1998-08-05  
[30] EP (98203587.5) 1998-10-23

[21] **2,339,166**  
[13] A1

[51] **Int.Cl. 6C08L 13/00**  
[25] EN  
[54] **DEXTRAN-MALEIC ACID MONOESTERS AND HYDROGELS BASED THEREON**  
[54] **MONOESTERS DE DEXTRANE-ACIDE MALEIQUE ET HYDROGELS A BASE DE CEUX-CI**  
[72] WON, CHEE-YOUB, US  
[72] CHU, CHIH-CHANG, US  
[72] KIM, SIN-HEE, US  
[71] CORNELL RESEARCH FOUNDATION, INC., US  
[85] 2001-01-31  
[86] 1999-08-25 (PCT/US99/18818)  
[87] 2000-03-09 (WO00/12619)  
[30] US (60/098,571) 1998-08-31

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[21] **2,339,167**  
[13] A1

[51] **Int.Cl. 6F42D 1/055 6F42D 3/04**  
[25] EN  
[54] **BLASTING ARRANGEMENT**  
[54] **DISPOSITIF DE TIR**  
[72] BIRNEY, WILLIAM HERBERT, AU  
[72] PATZ, VIVIAN, EDWARD, ZA  
[72] MCCALLUM, PETER JOHN, AU  
[72] DUNIAM, PETER JAMES, AU  
[72] WEST, VERNON, ZA  
[72] SPIESSENS, RUDY WILLY, ZA  
[71] EXPERT EXPLOSIVES  
(PROPRIETARY) LIMITED, ZA  
[85] 2001-01-31  
[86] 1999-08-10 (PCT/AU99/00647)  
[87] 2000-02-24 (WO00/09967)  
[30] ZA (98/7268) 1998-08-13

[21] **2,339,169**  
[13] A1

[51] **Int.Cl. 7C11D 7/10 7A01N 37/10**  
**7C11D 7/14 7C11D 7/26**  
[25] EN  
[54] **METHOD OF REDUCING FINES IN**  
**A POWDERED PRODUCT AND FABRIC**  
**CLEANER PRODUCED THEREFROM**  
[54] **PROCEDE DE REDUCTION DES**  
**FINES DANS UN PRODUIT EN POUFRE**  
**ET AGENT NETTOYANT POUR TISSUS**  
**Y RELATIF**  
[72] WEITKUH, HANS J., US  
[72] RODRIGUEZ, DOLORES T., US  
[72] SCHRAMM, HEATHER RAE, US  
[72] MIKIC, THOMAS, US  
[71] S. C. JOHNSON & SON, INC., US  
[85] 2001-01-31  
[86] 1999-07-28 (PCT/US99/16960)  
[87] 2000-02-10 (WO00/06681)  
[30] US (60/094,847) 1998-07-31

[21] **2,339,170**  
[13] A1

[51] **Int.Cl. 7G08B 17/107 7G01N 21/53**  
[25] EN  
[54] **SMOKE DETECTORS**  
[54] **DETECTEUR DE FUMEE**  
[72] RUNCIMAN, DUNSTAN WALTER,  
ZA  
[71] GSBS DEVELOPMENT  
CORPORATION, US  
[85] 2001-01-31  
[86] 1999-08-02 (PCT/ZA99/00059)  
[87] 2000-02-10 (WO00/07161)  
[30] ZA (98/6865) 1998-07-31

[21] **2,339,171**  
[13] A1

[51] **Int.Cl. 7A22C 11/00 7A23L 1/317**  
[25] EN  
[54] **METHOD AND DEVICE FOR**  
**PRODUCING SAUSAGES AND**  
**BAKERY ARTICLE PREPARED WITH**  
**THIS SAUSAGE**  
[54] **PROCEDE ET DISPOSITIF POUR**  
**PRODUIRE DES SAUCISSES ET**  
**ARTICLE DE BOULANGERIE**  
**PREPARE AVEC UNE TELLE**  
**SAUCISSE**  
[72] KOTT, HUBERT, DE  
[72] BREU, ANDREAS, DE  
[71] BREUKO GMBH FLEISCH-UND  
WURSTWARENVERTRIEB, DE  
[85] 2001-01-31  
[86] 1999-07-28 (PCT/DE99/02279)  
[87] 2000-02-17 (WO00/07449)  
[30] DE (298 13 782.8) 1998-08-01  
[30] DE (299 02 102.5) 1999-02-08

[21] **2,339,172**  
[13] A1

[51] **Int.Cl. 7G01V 1/38 7G01V 1/20**  
[25] EN  
[54] **SEISMIC STREAMER POSITION**  
**CONTROL MODULE**  
[54] **MODULE DE COMMANDE DE**  
**POSITION D'UNE FLUTE SISMIQUE**  
[72] CHAMBERS, RONALD, US  
[72] AMBS, LORAN, US  
[71] WESTERN ATLAS  
INTERNATIONAL, INC., US  
[85] 2001-01-31  
[86] 1999-08-02 (PCT/US99/17491)  
[87] 2000-02-17 (WO00/08485)  
[30] US (09/128,336) 1998-08-03

[21] **2,339,173**  
[13] A1

[51] **Int.Cl. 6C12P 19/24 6C12N 15/00**  
**6C07H 21/04 6C12N 9/10**  
[25] EN  
[54] **.ALPHA.2,8/2,9**  
**POLYSIALYLTRANSFERASE**  
[54] **.ALPHA.2,8/2,9**  
**POLYSIALYLTRANSFERASE**  
[72] WONG, CHI-HUEY, US  
[72] DATTA, ARUN, US  
[72] SHEN, GWO-JENN, US  
[71] THE SCRIPPS RESEARCH  
INSTITUTE, US  
[85] 2001-01-31  
[86] 1999-08-10 (PCT/US99/18154)  
[87] 2000-02-24 (WO00/09736)  
[30] US (60/096,003) 1998-08-10

[21] **2,339,174**  
[13] A1

[51] **Int.Cl. 7C07J 41/00 7A61K 31/56**  
[25] EN  
[54] **AMINOSTEROL COMPOUNDS**  
**AND USES THEREOF**  
[54] **COMPOSES**  
**AMINOSTEROLIQUES ET**  
**UTILISATIONS CORRESPONDANTES**  
[72] NOECKER, LINCOLN, US  
[72] ZASLOFF, MICHAEL, US  
[72] KINNEY, WILLIAM, US  
[72] RAO, MEENA, US  
[72] FEIBUSH, BINYAMIN, US  
[71] MAGAININ PHARMACEUTICALS,  
INC., US  
[85] 2001-01-31  
[86] 1999-08-12 (PCT/US99/18322)  
[87] 2000-02-24 (WO00/09137)  
[30] US (60/096,337) 1998-08-12

[21] **2,339,175**  
[13] A1

[51] **Int.Cl. 7C09B 33/153 7C09D 11/02**  
**7C08K 5/23**  
[25] EN  
[54] **STRONG GREEN-SHADE**  
**YELLOW DISAZO PIGMENT**  
[54] **PIGMENT BISAZO JAUNE AUX**  
**NUANCES VERT FONCE**  
[72] HAYS, BYRON G., US  
[71] ENGELHARD CORPORATION, US  
[85] 2001-01-31  
[86] 1999-08-02 (PCT/US99/17384)  
[87] 2000-02-24 (WO00/09614)  
[30] US (09/131,719) 1998-08-10

[21] **2,339,176**  
[13] A1

[51] **Int.Cl. 7B41M 5/03 7C09D 11/02**  
**7C09B 67/20**  
[25] EN  
[54] **TRANSFERABLE COLORANTS**  
**AND METHOD OF APPLYING AN**  
**IMAGE TO A RECEPTOR ELEMENT**  
[54] **COLORANTS TRANSFERABLES**  
**ET PROCEDE D'APPLICATION D'UNE**  
**IMAGE SUR UN ELEMENT**  
**RECEPTEUR**  
[72] REID, HEATHER, US  
[72] PENK, HEATHER, US  
[72] WILLIAMS, SCOTT A., US  
[72] HARE, DONALD S., US  
[71] FOTO-WEAR, INC., US  
[85] 2001-01-31  
[86] 1999-08-02 (PCT/US99/17544)  
[87] 2000-02-17 (WO00/07821)  
[30] US (60/095,180) 1998-08-03

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[21] **2,339,177**  
[13] A1

[51] **Int.Cl. 7C08B 30/12 7C08L 3/02 7A21D 13/08 7C08L 3/12 7C08B 30/14**  
[25] EN  
[54] **THERMALLY-INHIBITED STARCH PREPARED WITH OLIGOSACCHARIDES**  
[54] **AMIDON INHIBE THERMIQUEMENT PREPARE AVEC DES OLIGOSACCHARIDES**  
[72] JEFFCOAT, ROGER, US  
[72] GOODALL, JENNIFER, US  
[72] SHI, YONG-CHENG, US  
[71] NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION, US  
[85] 2001-01-31  
[86] 2000-06-01 (PCT/US00/15014)  
[87] 2000-12-07 (WO00/73353)  
[30] US (09/323,366) 1999-06-01

[21] **2,339,178**  
[13] A1

[51] **Int.Cl. 6C07H 21/04 6C12Q 1/68**  
[25] EN  
[54] **2'-O-AMINOETHYLOXYETHYL-MODIFIED OLIGONUCLEOTIDES**  
[54] **OLIGONUCLEOTIDES 2'-O-AMINOETHYLOXYETHYLE-MODIFIES**  
[72] COOK, PHILLIP DAN, US  
[72] MANOHARAN, MUTHIAH, US  
[71] ISIS PHARMACEUTICALS, INC., US  
[85] 2001-01-31  
[86] 1999-08-06 (PCT/US99/17895)  
[87] 2000-02-17 (WO00/08044)  
[30] US (09/130,566) 1998-08-07

[21] **2,339,179**  
[13] A1

[51] **Int.Cl. 6H02K 5/24**  
[25] EN  
[54] **CONTROL OF MAGNETIC BEARING-SUPPORTED ROTORS**  
[54] **COMMANDE DE ROTORS SUPPORTES PAR DES PALIERS MAGNETIQUES**  
[72] TSIOTRAS, PANAGOITIS, US  
[72] ALLAIRE, PAUL E., US  
[72] BARTLETT, ROBERT O., US  
[71] AMERICAN FLYWHEEL SYSTEMS, INC., US  
[85] 2001-01-31  
[86] 1999-07-30 (PCT/US99/17272)  
[87] 2000-02-10 (WO00/07280)  
[30] US (60/094,924) 1998-07-31  
[30] US (09/363,330) 1999-07-28

[21] **2,339,180**  
[13] A1

[51] **Int.Cl. 6B65G 27/08 6B65G 27/00**  
[25] EN  
[54] **VIBRATORY DISTRIBUTION CONVEYOR**  
[54] **TRANSPORTEUR DE DISTRIBUTION A SECOUSES**  
[72] KRAUS, RICHARD B., US  
[72] BICHLER, DEAN C., US  
[72] GUENTHER-HUTCHENS, CLAUDE T., US  
[72] STEFFES, EDWARD JR., US  
[71] GENERAL KINEMATICS CORPORATION, US  
[85] 2001-01-31  
[86] 1999-08-03 (PCT/US99/17570)  
[87] 2000-02-17 (WO00/07911)  
[30] US (09/128,878) 1998-08-04

[21] **2,339,181**  
[13] A1

[51] **Int.Cl. 7A61M 1/14**  
[25] EN  
[54] **BLOOD-PURIFYING APPARATUS AND ARTIFICIAL KIDNEY USING THE SAME**  
[54] **APPAREIL DE PURIFICATION DU SANG ET REIN ARTIFICIEL UTILISANT CELUI-CI**  
[72] KIHARA, KAZUHIKO, JP  
[72] YAMADA, AKIO, JP  
[71] KIHARA, KAZUHIKO, JP  
[71] YAMADA, AKIO, JP  
[85] 2001-01-31  
[86] 1999-06-01 (PCT/JP00/03553)  
[87] 2000-12-07 (WO00/72898)  
[30] JP (11/153574) 1999-06-01

[21] **2,339,182**  
[13] A1

[51] **Int.Cl. 7C12N 5/00 7C12N 5/02**  
[25] EN  
[54] **IMPROVEMENT OF CARDIAC FUNCTION BY MESENCHYMAL STEM CELL TRANSPLANTATION**  
[54] **AMELIORATION DU FONCTIONNEMENT CARDIAQUE PAR TRANSPLANTATION DE CELLULES SOUCHES MESENCHYMATEUSES**  
[72] WEISEL, RICHARD D., CA  
[72] MICKLE, DONALD A. G., CA  
[72] LE, REN-KE, CA  
[71] GENZYME CORPORATION, US  
[85] 2001-01-31  
[86] 1999-07-29 (PCT/US99/17326)  
[87] 2000-02-10 (WO00/06701)  
[30] US (60/094,794) 1998-07-31  
[30] US (60/129,152) 1999-04-14

[21] **2,339,184**  
[13] A1

[51] **Int.Cl. 6C07K 11/00**  
[25] EN  
[54] **CHEMICAL SYNTHESIS OF EXOCHELINS**  
[54] **SYNTHESE CHIMIQUE D'EXOCHÉLINES**  
[72] GERACI, LEO S., US  
[72] LEVY, STUART G., US  
[72] STEARNS, JAY F., US  
[72] BUSWELL, RICHARD L., US  
[72] HUDSPETH, JAMES P., US  
[71] KEYSTONE BIOMEDICAL, INC., US  
[85] 2001-01-31  
[86] 1999-02-19 (PCT/US99/03626)  
[87] 2000-02-24 (WO00/09548)  
[30] US (09/134,457) 1998-08-14

[21] **2,339,187**  
[13] A1

[51] **Int.Cl. 6C07D 471/04 6C07D 221/00 6C07D 235/00 6C07D 241/00 6C07D 253/00 6C07D 487/04 6A61K 31/53**  
[25] EN  
[54] **SUBSTITUTED IMIDAZO-1,2A|AZINES AS SELECTIVE INHIBITORS OF COX-2**  
[54] **IMIDAZO-1,2A|AZINES SUBSTITUEES SERVANT D'INHIBITEURS SELECTIFS DE LA COX-2**  
[72] MIQUEL BONO, IGNACIO-JOSE, ES  
[72] FERNANDEZ SERRAT, ANA MARIA, ES  
[72] FERNANDEZ GARCIA, ANDRES, ES  
[72] GIMENEZ GUASCH, FERRAN, ES  
[72] LAGUNAS ARNAL, CARMEN, ES  
[72] FARRERONS GALLEMI, CARLES, ES  
[72] MONSERRAT VIDAL, CARLOS, ES  
[71] LABORATORIOS S.A.L.V.A.T., S.A., ES  
[85] 2001-01-31  
[86] 1999-07-23 (PCT/ES99/00235)  
[87] 2000-02-17 (WO00/08024)  
[30] ES (P 9801652) 1998-08-03

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<p style="text-align: center;">[21] <b>2,339,189</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/165 7C07D 295/00 7C07D 401/00 7C07D 417/00 7C07D 487/00 7C07D 279/04 7C07D 279/06 7C07D 277/22 7C07D 207/24 7C07D 233/28 7C07D 233/30 7C07D 233/32 7C07D 233/38 7A61K 31/38 7A61K 31/40 7A61K 31/415 7A61K 31/425 7A61K 31/44 7C07D 207/46 7A61K 31/47 7A61K 31/50 7A61K 31/505 7C07D 211/72 7C07D 213/72 7C07D 213/75 7C07D 213/81 7C07D 213/83 7C07D 211/84</b></p> <p>[25] EN [54] <b>NITROSATED AND NITROSYLATED PHOSPHODIESTERASE INHIBITORS, COMPOSITIONS AND METHODS OF USE</b> [54] <b>INHIBITEURS DE LA PHOSPHODIESTERASE NITROSES ET NITROSYLES, COMPOSITIONS ET METHODES D'UTILISATION</b></p> <p>[72] KHANAPURE, SUBHASH P., US [72] GARVEY, DAVID S., US [72] SAENZ DE TEJADA, INIGO, ES [72] EARL, RICHARD A., US [71] NITROMED INC., US [85] 2001-01-31 [86] 1999-09-01 (PCT/US99/20024) [87] 2000-03-09 (WO00/12076) [30] US (09/145,142) 1998-09-01</p>	<p style="text-align: center;">[21] <b>2,339,193</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 9/20 7A61K 31/19 7A61K 31/445</b></p> <p>[25] EN [54] <b>PHARMACEUTICAL COMPOSITIONS COMPRISING IBUPROFEN AND DOMPERIDONE</b> [54] <b>COMPOSITIONS PHARMACEUTIQUES CONTENANT DE L'IBUPROFENE ET DU DOMPERIDONE</b></p> <p>[72] DICKINSON, JEFFREY, GB [72] MAKWANA, JAYANTILAL VITHAL, GB [71] THE BOOTS COMPANY PLC, GB [85] 2001-01-31 [86] 1999-08-04 (PCT/EP99/05753) [87] 2000-02-17 (WO00/07570) [30] GB (9816899.0) 1998-08-05</p>	<p style="text-align: center;">[21] <b>2,339,205</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B64C 9/24</b></p> <p>[25] EN [54] <b>AN AEROFOIL HAVING A SLAT</b> [54] <b>PROFIL AERODYNAMIQUE MUNI D'UN BEC DE SECURITE</b></p> <p>[72] THORPE, MICHAEL, GB [71] BAE SYSTEMS PLC, GB [85] 2001-01-31 [86] 1999-08-03 (PCT/GB99/02574) [87] 2000-02-17 (WO00/07876) [30] GB (9816936.0) 1998-08-05</p>
<p style="text-align: center;">[21] <b>2,339,190</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 9/20</b></p> <p>[25] EN [54] <b>COMPRESSED COMPOSITIONS COMPRISING CLARIFIED XANTHAN GUM</b> [54] <b>COMPOSITIONS COMPRIMEES CONTENANT DE LA GOMME XANTHANE CLARIFIEE</b></p> <p>[72] DIXEY, MAUREEN, GB [71] THE BOOTS COMPANY PLC, GB [85] 2001-01-31 [86] 1999-07-28 (PCT/EP99/05499) [87] 2000-02-17 (WO00/07569) [30] GB (9816723.2) 1998-08-01</p>	<p style="text-align: center;">[21] <b>2,339,199</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61F 13/00</b></p> <p>[25] EN [54] <b>POSTOPERATIVE WOUND PROTECTION GARMENT HAVING IMPROVED ELASTICITY, MODULUS AND BREATHABILITY</b> [54] <b>VETEMENT DE PROTECTION DE PLAIES APRES OPERATION, DOTE D'UNE ELASTICITE, D'UN MODULE ET D'UNE CARACTERISTIQUE IMPERRESPIRANTE</b> [54] <b>PERFECTIONNES</b></p> <p>[72] WATKINS, WILLIAM B. C., US [71] WATKINS, WILLIAM B. C., US [85] 2001-01-31 [86] 1999-07-22 (PCT/US99/16733) [87] 2000-02-10 (WO00/06068) [30] US (09/127,208) 1998-07-31</p>	<p style="text-align: center;">[21] <b>2,339,207</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B65D 47/20</b></p> <p>[25] EN [54] <b>CONTAINER VALVE</b> [54] <b>DISTRIBUTEUR A DIAPHRAGME POUR CONTENANT</b></p> <p>[72] TAGHAVI-KHANGHAH, SAID, GB [71] VERESK BIOSYSTEMS LIMITED, GB [85] 2001-01-31 [86] 1999-07-30 (PCT/GB99/02523) [87] 2000-02-17 (WO00/07901) [30] GB (PCT/GB98/02328) 1998-08-03</p>
<p style="text-align: center;">[21] <b>2,339,200</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01M 4/04 6H01M 8/22</b></p> <p>[25] EN [54] <b>A METHOD FOR POWDER FORMATION OF A HYDROGEN STORAGE ALLOY</b> [54] <b>PROCEDE DE FORMATION D'UNE POUDRE D'ALLIAGE DE STOCKAGE D'HYDROGENE</b></p> <p>[72] YOUNG, KWO, US [72] FETCENKO, MICHAEL A., US [71] OVONIC BATTERY COMPANY, INC., US [85] 2001-01-31 [86] 1999-08-26 (PCT/US99/19531) [87] 2000-03-09 (WO00/13244) [30] US (09/141,668) 1998-08-27</p>	<p style="text-align: center;">[21] <b>2,339,209</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06T 11/20</b></p> <p>[25] EN [54] <b>METHOD, APPARATUS AND COMPUTER-READABLE MEDIUM FOR ALTERING THE APPEARANCE OF AN ANIMATED OBJECT</b> [54] <b>PROCEDE, DISPOSITIF ET SUPPORT LISIBLE PAR ORDINATEUR, DESTINES A LA MODIFICATION DE L'APPARENCE D'UN OBJET ANIME</b></p> <p>[72] PURDY, D. GRAY, US [71] QUID NOVI, S.A., US [85] 2001-01-31 [86] 1999-08-02 (PCT/US99/17498) [87] 2000-02-17 (WO00/08602) [30] US (09/131,079) 1998-08-07</p>	



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[21] **2,339,211**  
[13] A1

[51] **Int.Cl. 6H01M 4/36 6H01M 10/38**  
[25] EN  
[54] **COMPOSITE POSITIVE ELECTRODE MATERIAL AND METHOD FOR MAKING SAME**  
[54] **MATERIAU POUR ELECTRODE POSITIVE COMPOSITE ET SON PROCEDE DE FABRICATION**  
[72] MAYS, WILLIAM, US  
[72] YOUNG, KWO, US  
[72] REICHMAN, BENJAMIN, US  
[72] SOMMERS, BETH, US  
[72] OVSHINSKY, STANFORD R., US  
[72] FIERRO, CRISTIAN, US  
[72] FETCENKO, MICHAEL A., US  
[71] OVONIC BATTERY COMPANY, INC., US  
[85] 2001-01-31  
[86] 1999-08-11 (PCT/US99/18164)  
[87] 2000-02-24 (WO00/10212)  
[30] US (09/135,460) 1998-08-17

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[21] **2,339,213**  
[13] A1

[51] **Int.Cl. 6H01M 4/02 6H01M 4/32**  
[25] EN  
[54] **NICKEL HYDROXIDE POSITIVE ELECTRODE MATERIAL EXHIBITING IMPROVED CONDUCTIVITY AND ENGINEERED ACTIVATION ENERGY**  
[54] **MATERIAU D'ELECTRODE POSITIVE A BASE D'HYDROXYDE DE NICKEL A CONDUCTIVITE ACCRUE ET ENERGIE D'ACTIVATION OBTENUE PAR GENIE CHIMIQUE**  
[72] OVSHINSKY, STANFORD R., US  
[72] HARRISON, CRAIG, US  
[72] SOMMERS, BETH, US  
[72] YOUNG, KWO, US  
[72] FETCENKO, MICHAEL A., US  
[72] FIERRO, CRISTIAN, US  
[71] OVONIC BATTERY COMPANY, INC., US  
[85] 2001-01-31  
[86] 1999-08-12 (PCT/US99/18362)  
[87] 2000-02-24 (WO00/10211)  
[30] US (09/135,477) 1998-08-17

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[21] **2,339,215**  
[13] A1

[51] **Int.Cl. 7H01R 13/24 7G06K 7/00**  
[25] EN  
[54] **ELECTRICAL CONNECTOR FOR A SMART CARD, WHICH INCLUDES A BLADE-TYPE SWITCH FOR DETECTING THE PRESENCE OF A CARD**  
[54] **CONNECTEUR ELECTRIQUE POUR CARTE INTELLIGENTE COMPORTANT UN COMMUTEUR DE TYPE LAMELLE POUR DETECTER LA PRESENCE D'UNE CARTE**  
[72] BRICAUD, HERVE, FR  
[72] PIZARD, YVES, FR  
[71] ITT MANUFACTURING ENTERPRISES, INC., US  
[85] 2001-01-31  
[86] 1999-09-16 (PCT/EP99/06847)  
[87] 2000-03-30 (WO00/17964)  
[30] FR (98/11788) 1998-09-22

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[21] **2,339,216**  
[13] A1

[51] **Int.Cl. 7B29B 7/92 7D01G 1/04 7B29B 7/76**  
[25] EN  
[54] **FIBRE CUTTING DEVICE FOR A POLYURETHANE INSTALLATION**  
[54] **DISPOSITIF DE COUPE DE FIBRES POUR UNE INSTALLATION DE POLYURETHANE**  
[72] KRADER, CHRISTOPH, DE  
[72] SOCHTIG, WOLFGANG, DE  
[71] KRAUSS-MAFFEI KUNSTSTOFFTECHNIK GMBH, DE  
[85] 2001-01-31  
[86] 1999-07-24 (PCT/EP99/05310)  
[87] 2000-02-17 (WO00/07788)  
[30] DE (198 34 767.7) 1998-08-01

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[21] **2,339,217**  
[13] A1

[51] **Int.Cl. 7G06F 17/30**  
[25] EN  
[54] **INFORMATION ACCESS**  
[54] **ACCES A L'INFORMATION**  
[72] DAVIES, NICHOLAS JOHN, GB  
[72] STEWART, ROBERT SCOTT, GB  
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB  
[85] 2001-01-31  
[86] 1999-07-30 (PCT/GB99/02495)  
[87] 2000-02-17 (WO00/08570)  
[30] EP (98306264.7) 1998-08-05

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[21] **2,339,219**  
[13] A1

[51] **Int.Cl. 7F25C 5/00 7B65G 53/24**  
[25] EN  
[54] **VACUUM PNEUMATIC SYSTEM FOR CONVEYANCE OF ICE**  
[54] **SYSTEME PNEUMATIQUE SOUS VIDE D'APPORT DE GLACONS**  
[72] SCHOEDER, ALFRED A., US  
[72] SEAMARK, GLENN S., US  
[72] BERGE, J. ERIC, US  
[72] MCCLURE, MARK A., US  
[72] GLIMN, DANIEL A., US  
[71] LANCER ICE LINK, L.L.C., US  
[85] 2001-01-31  
[86] 1999-08-02 (PCT/US99/17492)  
[87] 2000-02-17 (WO00/08396)  
[30] US (09/128,050) 1998-08-03  
[30] US (09/207,075) 1998-12-07  
[30] US (09/364,794) 1999-07-30

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[21] **2,339,221**  
[13] A1

[51] **Int.Cl. 7A61K 35/78**  
[25] EN  
[54] **EXTRACTS OF FEVERFEW (TANACETUM PARTHENIUM) AGAINST INFLAMMATORY DISORDERS**  
[54] **EXTRAITS DE CHRYSANTEME-MATRICAIRE (TANACETUM PARTHENIUM) UTILISES CONTRE LES TROUBLES INFLAMMATOIRES**  
[72] GENDIMENICO, GERARD J., US  
[72] MARTIN, KATHARINE, US  
[72] CALLAGHAN, THERESA, NL  
[72] ODDOS, THIERRY, FR  
[71] JOHNSON & JOHNSON CONSUMER FRANCE, SAS, FR  
[85] 2001-01-31  
[86] 2000-06-02 (PCT/US00/15125)  
[87] 2000-12-14 (WO00/74699)  
[30] US (60/137,332) 1999-06-03  
[30] US (09/586,587) 2000-06-02

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[21] **2,339,226**  
[13] A1

[51] **Int.Cl. 6C08F 8/04 6C07F 17/00 6C08C 19/02 6C08F 36/04**  
[25] EN  
[54] **PROCESS FOR HYDROGENATING A CONJUGATED DIENE POLYMER**  
[54] **PROCEDE D'HYDROGENATION D'UN POLYMERE DIENIQUE CONJUGUE**  
[72] KIM, JAE YUN, KR  
[72] KIM, HOO CHAE, KR  
[72] CHEONG, SEON KYEONG, KR  
[72] SO, MYEONG SEUP, KR  
[72] KO, YOUNG HOON, KR  
[72] HWANG, JIN MAN, KR  
[71] KOREA KUMHO PETROCHEMICAL CO., LTD., KR  
[85] 2001-02-01  
[86] 1998-12-18 (PCT/KR98/00440)  
[87] 2000-02-17 (WO00/08069)  
[30] KR (1998/31575) 1998-08-03

[21] **2,339,230**  
[13] A1

[51] **Int.Cl. 6B01J 7/00**  
[25] EN  
[54] **SELF-REGULATING HYDROGEN GENERATOR**  
[54] **GENERATEUR D'HYDROGENE A AUTO-REGULATION**  
[72] SCHMIDT, JEFFREY A., US  
[72] LONG, EUGENE, US  
[72] LYNCH, FRANK, US  
[71] BALL AEROSPACE & TECHNOLOGIES CORP., US  
[85] 2001-02-01  
[86] 1999-07-26 (PCT/US99/16928)  
[87] 2000-02-17 (WO00/07712)  
[30] US (09/130,395) 1998-08-06

[21] **2,339,232**  
[13] A1

[51] **Int.Cl. 7F02B 31/08**  
[25] EN  
[54] **PORT SYSTEM, ESPECIALLY AN INDUCTION MANIFOLD FOR AN INTERNAL COMBUSTION ENGINE**  
[54] **SYSTEME DE CANAUX, EN PARTICULIER COLLECTEUR D'ADMISSION POUR UN MOTEUR A COMBUSTION INTERNE**  
[72] KLOTZ, ARTHUR, DE  
[72] LEIPELT, RUDOLF, DE  
[72] MAIER, STEFAN, DE  
[72] KARLSSON, JAN, SE  
[72] VACULIK, ROBERT, DE  
[72] PAFFRATH, HOLGER, DE  
[71] FILTERWERK MANN & HUMMEL GMBH, DE  
[71] VOLVO CAR CORPORATION AB, SE  
[85] 2001-02-01  
[86] 1999-08-02 (PCT/EP99/05560)  
[87] 2000-02-17 (WO00/08321)  
[30] DE (198 34 835.5) 1998-08-01

[21] **2,339,234**  
[13] A1

[51] **Int.Cl. 6C23C 22/00 6C23C 22/18 6C25D 13/20 6C23C 22/83**  
[25] EN  
[54] **METHOD FOR PHOSPHATIZING, RERINSING AND CATHODIC ELECTRO-DIPCOATING**  
[54] **PROCEDE POUR LA PHOSPHATATION, LE RINCAGE ULTERIEUR ET LE TREMPAGE ELECTROPHORETIQUE CATHODIQUE**  
[72] SCHENZLE, BERND, DE  
[72] KUHM, PETER, DE  
[72] ENDRES, HELMUT, DE  
[72] WICHELHAUS, WINFRIED, DE  
[72] BROUWER, JAN-WILLEM, DE  
[71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE  
[85] 2001-02-01  
[86] 1999-07-23 (PCT/EP99/05273)  
[87] 2000-02-17 (WO00/08231)  
[30] DE (198 34 796.0) 1998-08-01

[21] **2,339,235**  
[13] A1

[51] **Int.Cl. 7G01N 27/447 7B01D 57/02**  
[25] EN  
[54] **SURFACES WITH REDUCED ELECTROOSMOTIC FLOW**  
[54] **SURFACES A ECOULEMENT ELECTRO-OSMOTIQUE REDUIT**  
[72] HUANG, TUNG-LIANG, US  
[72] REDDY, M. PARAMESWARA, US  
[71] BECKMAN COULTER, INC., US  
[85] 2001-02-01  
[86] 2000-06-06 (PCT/US00/15486)  
[87] 2000-12-14 (WO00/75651)  
[30] US (09/328,009) 1999-06-08

[21] **2,339,237**  
[13] A1

[51] **Int.Cl. 7H04Q 3/545 7G06F 11/14**  
[25] EN  
[54] **FAULT CONTROL AND RESTORATION IN A DATA COMMUNICATION SYSTEM**  
[54] **CORRECTION DE DEFAUTS ET RETABLISSEMENT DANS UN SYSTEME DE COMMUNICATION DE DONNEES**  
[72] HILTUNEN, SEPO, FI  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-02-01  
[86] 1999-08-03 (PCT/EP99/05658)  
[87] 2000-02-17 (WO00/08873)  
[30] FI (981705) 1998-08-06

[21] **2,339,238**  
[13] A1

[51] **Int.Cl. 7B01D 71/02 7B01D 61/00 7G21F 9/06**  
[25] EN  
[54] **METHOD AND APPARATUS FOR EXTRACTING HYDROGEN ISOTOPES FROM A LIQUID PB-17LI EUTECTIC IN A FUSION REACTOR**  
[54] **PROCEDE ET APPAREIL D'EXTRACTION D'ISOTOPES D'HYDROGENE D'UN LIQUIDE PB-17LI EUTECTIQUE DANS UN REACTEUR DE FUSION**  
[72] SEDANO, LOUIS ANGEL, IT  
[71] EUROPEAN COMMUNITY (EC), LU  
[85] 2001-02-01  
[86] 1999-07-19 (PCT/EP99/05132)  
[87] 2000-02-17 (WO00/07703)  
[30] EP (98114544.4) 1998-08-03

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[21] **2,339,239**  
[13] A1

[51] **Int.Cl. 6G06F 9/45**  
[25] EN  
[54] **APPARATUS AND METHOD FOR FORMING A PACKAGED-OBJECT PRODUCT AND A PACKAGED-OBJECT PRODUCT FORMED THEREFROM**  
[54] **APPAREIL ET PROCEDE DE FORMATION D'UN PRODUIT D'OBJET CONDITIONNE ET PRODUIT D'OBJET CONDITIONNE AINSI FORME**  
[72] SENATOR, STEVEN T., US  
[72] MULLIGAN, M. GEOFF, US  
[72] BLUMENTHAL, JOHN, US  
[71] INTEROSA, INC., US  
[85] 2001-02-01  
[86] 1999-08-04 (PCT/US99/17647)  
[87] 2000-02-17 (WO00/08793)  
[30] US (09/129,467) 1998-08-04

[21] **2,339,240**  
[13] A1

[51] **Int.Cl. 6A23G 1/00 6A23G 1/20**  
[25] EN  
[54] **METHOD OF PRODUCING PATTERNED COMPOUND FOOD AND PRODUCTION SYSTEM USED FOR THE METHOD**  
[54] **PROCEDE DE PRODUCTION D'ALIMENT COMPOSE PRESENTANT UN MOTIF ET SYSTEME DE PRODUCTION UTILISE POUR METTRE EN OEUVRE LEDIT PROCEDE**  
[72] AKUTAGAWA, TOKUJI, JP  
[71] AKUTAGAWA CONFECTIONERY CO., LTD., JP  
[85] 2001-02-01  
[86] 1999-08-09 (PCT/JP99/04288)  
[87] 2000-02-17 (WO00/07455)  
[30] JP (10/224082) 1998-08-07

[21] **2,339,241**  
[13] A1

[51] **Int.Cl. 7A01N 25/26**  
[25] EN  
[54] **SOIL GRANULATES WITH CONTROLLED ACTIVE INGREDIENT RELEASE (CR SOIL GRANULATES)**  
[54] **GRANULATS POUR LE SOL, A LIBERATION CONTROLEE DE LA MATIERE ACTIVE (CR)**  
[72] SEUFERT, MICHAEL, DE  
[72] KOLTER, KARL, DE  
[72] SCHNEIDER, KARL-HEINRICH, DE  
[72] BAYER, HERBERT, DE  
[72] SAUR, REINHOLD, DE  
[72] STADLER, REINHOLD, DE  
[72] KOBER, REINER, DE  
[71] BASF AKTIENGESSELLSCHAFT, DE  
[85] 2001-02-01  
[86] 1999-07-28 (PCT/EP99/05407)  
[87] 2000-02-17 (WO00/07443)  
[30] DE (198 35 218.2) 1998-08-05  
[30] DE (198 46 893.8) 1998-10-13

[21] **2,339,242**  
[13] A1

[51] **Int.Cl. 6F16H 1/08 6F16H 55/17**  
[25] EN  
[54] **IMPROVEMENTS IN POWER SHARING GEAR SETS**  
[54] **AMELIORATIONS APORTEES A DES ENSEMBLES D'ENGRENAGES A PUISSANCE PARTAGEE**  
[72] MORROW, WILLIAM BRUCE, US  
[71] HARRIER TECHNOLOGIES, INC., US  
[85] 2001-02-01  
[86] 1999-02-02 (PCT/US99/02313)  
[87] 1999-08-12 (WO99/40343)  
[30] US (09/021,622) 1998-02-09  
[30] US (09/167,760) 1998-10-07

[21] **2,339,243**  
[13] A1

[51] **Int.Cl. 7A61F 9/007 7A61M 25/04 7A61M 5/46**  
[25] EN  
[54] **INJECTION APPARATUS**  
[54] **APPAREIL D'INJECTION ET SON PROCEDE D'UTILISATION**  
[72] CLARK, LESLIE A., US  
[72] BOWMAN, LYLE M., US  
[72] HECKER, KARL I., US  
[72] PFEIFFER, JAMES F., US  
[71] INSITE VISION, INC., US  
[85] 2001-02-01  
[86] 1999-08-02 (PCT/US99/17381)  
[87] 2000-02-17 (WO00/07530)  
[30] US (09/127,919) 1998-08-03

[21] **2,339,244**  
[13] A1

[51] **Int.Cl. 7A61K 9/00 7A61K 48/00 7A61P 21/02 7A61K 39/395 7A61K 38/46 7A61K 38/55**  
[25] EN  
[54] **METHODS OF OPHTHALMIC ADMINISTRATION**  
[54] **PROCEDES D'ADMINISTRATION OPHTHALMIQUE**  
[72] BOWMAN, LYLE M., US  
[72] HECKER, KARL I., US  
[72] CLARK, LESLIE A., US  
[72] PFEIFFER, JAMES F., US  
[71] INSITE VISION, INC., US  
[85] 2001-02-01  
[86] 1999-08-02 (PCT/US99/17543)  
[87] 2000-02-17 (WO00/07565)  
[30] US (09/127,920) 1998-08-03

[21] **2,339,245**  
[13] A1

[51] **Int.Cl. 7C05F 17/02 7B65G 65/06**  
[25] EN  
[54] **FARM COMPOSTING SYSTEM**  
[54] **SYSTEME DE COMPOSTAGE POUR FERMES**  
[72] LAGACÉ, GÉRALD, CA  
[72] SMITH, THOMAS MICHAEL, CA  
[71] G.E.P. GLOBAL EARTH PRODUCTS INC., CA  
[85] 2001-02-01  
[86] 1999-08-05 (PCT/CA99/00710)  
[87] 2000-02-17 (WO00/07961)  
[30] CA (2,244,514) 1998-08-05

[21] **2,339,246**  
[13] A1

[51] **Int.Cl. 7H01B 12/00**  
[25] EN  
[54] **PROTECTED SUPERCONDUCTING COMPONENT AND METHOD FOR PRODUCING THE SAME**  
[54] **COMPOSANT SUPRACONDUCTEUR PROTEGE ET SON PROCEDE DE PRODUCTION**  
[72] HOLZEM, JOHANNES, DE  
[72] BOCK, JOACHIM, DE  
[72] HORST, WERNER, DE  
[72] GAUSS, STEPHAN, DE  
[72] GROM, MARKUS, DE  
[72] BROMMER, GUNTER, DE  
[71] AVENTIS RESEARCH & TECHNOLOGIES GMBH & CO. KG, DE  
[85] 2001-02-01  
[86] 1999-07-16 (PCT/EP99/05099)  
[87] 2000-02-17 (WO00/08657)  
[30] DE (198 35 454.1) 1998-08-05

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[13] A1

[51] **Int.Cl. 7H04L 12/56 7H04L 29/06 7H04N 7/15 7H04M 3/56**  
[25] EN  
[54] **A METHOD FOR ALLOCATING NETWORK RESOURCES**  
[54] **PROCEDE D'ATTRIBUTION DE RESSOURCES RESEAU**  
[72] RAMAKRISHNAN, KADANGODE K., US  
[72] NORTZ, DOUGLAS M., US  
[72] MISHRA, PARTHO PRATIM, US  
[72] MARSHALL, WILLIAM TODD, US  
[72] KALMANEK, CHARLES ROBERT JR., US  
[71] AT&T CORP., US  
[85] 2001-02-01  
[86] 1999-08-04 (PCT/US99/17588)  
[87] 2000-02-17 (WO00/08812)  
[30] US (60/095,288) 1998-08-04  
[30] US (60/104,878) 1998-10-20

[21] **2,339,248**  
[13] A1

[51] **Int.Cl. 7B23B 45/00**  
[25] EN  
[54] **ANGLE ATTACHMENT FOR POWER TOOL**  
[54] **FIXATION ANGULAIRE POUR OUTIL ELECTRIQUE**  
[72] KOPRAS, ROBERT K., US  
[71] ROTO-ZIP TOOL CORPORATION, US  
[85] 2001-02-01  
[86] 2000-06-12 (PCT/US00/16066)  
[87] 2001-01-11 (WO01/02117)  
[30] US (09/346,158) 1999-07-01

[21] **2,339,249**  
[13] A1

[51] **Int.Cl. 6A61M 37/00**  
[25] EN  
[54] **VARIABLE VOLUME BOTTLE AND RELATED MEDICAL FLUID INFUSION SYSTEM**  
[54] **FLACON A VOLUME VARIABLE ET SYSTEME DE PERFUSION DE FLUIDE MEDICAL ASSOCIE**  
[72] KONG, CARL CHEUNG TUNG, US  
[71] KONG, CARL CHEUNG TUNG, US  
[85] 2001-02-01  
[86] 1999-08-02 (PCT/US99/17494)  
[87] 2000-02-17 (WO00/07660)  
[30] US (09/129,715) 1998-08-05

[21] **2,339,250**  
[13] A1

[51] **Int.Cl. 6C07D 473/18 6C07D 473/00 6C07D 473/32 6C07C 309/45**  
[25] EN  
[54] **SYNTHESIS OF ACYCLIC NUCLEOSIDE DERIVATIVES**  
[54] **SYNTHESE DE DERIVES DE NUCLEOSIDE ACYCLIQUE**  
[72] LEANNA, M. ROBERT, US  
[72] YANG, CHENG-XI, US  
[72] BHAGAVATULA, LAKSHMI, US  
[72] HANNICK, STEVEN M., US  
[72] RILEY, DAVID A., US  
[72] TIAN, ZHENPING, US  
[72] TIEN, JIEN-HEH J., US  
[72] SPITZ, TIFFANY, US  
[72] SHELAT, BHADRA, US  
[72] MORTON, HOWARD, US  
[72] SINGAM, PULLA REDDY, US  
[72] RASMUSSEN, MICHAEL, US  
[72] GATES, BRADLEY D., US  
[72] LUKIN, KIRILL A., US  
[72] NARAYANAN, BIKSHANDARKOIL A., US  
[72] BELLETTINI, JOHN, US  
[72] CHANG, SOU-JEN, US  
[72] PLATA, DANIEL, US  
[72] WAYNE, GREG, US  
[72] PATEL, RAMESH R., US  
[72] ZHANG, WEIJIANG, US  
[72] CURTY, CYNTHIA B., US  
[72] KOLACZKOWSKI, LAWRENCE, US  
[72] LANNOYE, GREG, US  
[71] MEDIVIR AB, SE  
[85] 2001-02-01  
[86] 1999-08-05 (PCT/SE99/01339)  
[87] 2000-02-17 (WO00/08025)  
[30] US (09/130,214) 1998-08-06

[21] **2,339,251**  
[13] A1

[51] **Int.Cl. 7H04L 29/06**  
[25] EN  
[54] **IN-LINE PACKET PROCESSING**  
[54] **TRAITEMENT IMMEDIAT DE PAQUET**  
[72] FERGUSON, DENNIS C., US  
[72] ZIMMER, JEFF, US  
[72] HUI, MICHAEL M. Y., US  
[72] OSKOUY, RASOUL MIRZAZADEH, US  
[72] SINDHU, PRADEEP S., US  
[72] LIM, RAYMOND MARCELINO MANESE, US  
[72] JU, HANN-HWAN, US  
[72] VEERAGANDHAM, SREERAM, US  
[71] JUNIPER NETWORKS, US  
[85] 2001-02-01  
[86] 1999-07-26 (PCT/US99/16890)  
[87] 2000-02-17 (WO00/08801)  
[30] US (09/129,137) 1998-08-04

[21] **2,339,252**  
[13] A1

[51] **Int.Cl. 6A61B 19/00**  
[25] EN  
[54] **TREATMENT OF PIGMENTED TISSUES USING OPTICAL ENERGY**  
[54] **TRAITEMENT DE TISSUS PIGMENTES PAR L'ENERGIE OPTIQUE**  
[72] DEES, H. CRAIG, US  
[72] WACHTER, ERIC A., US  
[71] PHOTOGEN, INC., US  
[85] 2001-02-01  
[86] 1999-07-29 (PCT/US99/17176)  
[87] 2000-02-17 (WO00/07514)  
[30] US (09/130,213) 1998-08-06

[21] **2,339,253**  
[13] A1

[51] **Int.Cl. 7C07D 487/04 7C07D 237/00 7C07D 239/00 7A61K 31/519**  
[25] EN  
[54] **INHIBITORS OF P38**  
[54] **INHIBITEURS DE P38**  
[72] GAO, HUI, US  
[72] SALITURO, FRANCESCO, US  
[72] BEMIS, GUY, US  
[71] VERTEX PHARMACEUTICALS INCORPORATED, US  
[85] 2001-02-01  
[86] 1999-09-16 (PCT/US99/21567)  
[87] 2000-03-30 (WO00/17204)  
[30] US (60/101,013) 1998-09-18

[21] **2,339,254**  
[13] A1

[51] **Int.Cl. 7G01N 33/48 7C12Q 1/32 7C12Q 1/42 7G01N 33/92**  
[25] EN  
[54] **METHOD FOR TESTING THE TOXICITY OF CHEMICAL SUBSTANCES USING GASTROPODS**  
[54] **PROCEDE POUR TESTER LA TOXICITE DE SUBSTANCES CHIMIQUES A L'AIDE DE GASTEROPODES**  
[72] REMON, JEAN PAUL, BE  
[72] ADRIAENS, ELS, BE  
[71] UNIVERSITEIT GENT, BE  
[85] 2001-02-01  
[86] 1999-08-24 (PCT/EP99/06204)  
[87] 2000-03-09 (WO00/13013)  
[30] EP (98202851.6) 1998-08-26

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[13] A1  
[51] **Int.Cl. 7C12Q 1/68 7C12N 5/10 7C12Q 1/70**  
[25] EN  
[54] **HEPG2 CELLS STABLY TRANSFECTED WITH HCV**  
[54] **CELLULES HEPG2 TRANSFECTEES DE MANIERE STABLE PAR LE VIRUS DE L'HEPATITE C**  
[72] FEITELSON, MARK A., US  
[71] THOMAS JEFFERSON UNIVERSITY, US  
[85] 2001-02-01  
[86] 2000-06-02 (PCT/US00/15313)  
[87] 2000-12-14 (WO00/75376)  
[30] US (60/137,531) 1999-06-03

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[21] **2,339,256**  
[13] A1  
[51] **Int.Cl. 6B27L 5/00**  
[25] EN  
[54] **DRIVE SYSTEM FOR VENEER SLICER**  
[54] **SYSTEME D'ENTRAINEMENT POUR TRANCHEUSE**  
[72] RASTATTER, DANIEL J., US  
[72] TROST, JUERGEN F., US  
[72] GRUENDER, HARTMUT, DE  
[71] DANZER NORTH AMERICA, INC., US  
[85] 2001-02-01  
[86] 1999-08-19 (PCT/US99/18794)  
[87] 2000-03-02 (WO00/10783)  
[30] US (60/097,305) 1998-08-20  
[30] US (09/328,081) 1999-06-08

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[21] **2,339,257**  
[13] A1  
[51] **Int.Cl. 7H03M 13/00 7H04L 1/00**  
[25] EN  
[54] **CACHED CHAINBACK RAM FOR SERIAL VITERBI DECODER**  
[54] **RAM A CHAINAGE ARRIERE PAR ANTEMEMOIRE POUR DECODEUR SERIE DE VITERBI**  
[72] HANSQUINE, DAVID, US  
[71] QUALCOMM INCORPORATED, US  
[85] 2001-02-01  
[86] 1999-08-04 (PCT/US99/17659)  
[87] 2000-02-17 (WO00/08769)  
[30] US (09/129,022) 1998-08-04

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[13] A1  
[51] **Int.Cl. 7C08J 9/00 7C08K 5/01 7C08K 5/02 7C08L 25/02 7C08K 5/49**  
[25] EN  
[54] **FIRE RESISTANT STYRENE POLYMER FOAMS WITH REDUCED BROMINATED FIRE RETARDANT**  
[54] **MOUSSES DE POLYMERE STYRENE RESISTANTES AU FEU AVEC UNE PLUS FAIBLE TENEUR EN COMPOSE BROME IGNIFUGE**  
[72] BOUKAMI, SYLVIE, FR  
[72] VO, CHAU VAN, FR  
[71] THE DOW CHEMICAL COMPANY, US  
[85] 2001-02-01  
[86] 1999-08-26 (PCT/US99/19408)  
[87] 2000-03-09 (WO00/12593)  
[30] US (60/098,216) 1998-08-28

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[21] **2,339,259**  
[13] A1  
[51] **Int.Cl. 7H04Q 7/38**  
[25] EN  
[54] **METHOD AND APPARATUS FOR IMPLEMENTING INTERNATIONAL WIRELESS ROAMING**  
[54] **PROCEDE ET APPAREIL DE MISE EN OEUVRE D'UN SERVICE D'ITINERANCE SANS FIL INTERNATIONAL**  
[72] KOSTER, KARL H., US  
[71] BELL SOUTH INTELLECTUAL PROPERTY CORPORATION, US  
[85] 2001-02-01  
[86] 1999-07-16 (PCT/US99/16217)  
[87] 2000-02-17 (WO00/08888)  
[30] US (09/130,565) 1998-08-07

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[13] A1  
[51] **Int.Cl. 6F02M 23/04 6F02D 43/00 6F02D 45/00 6F02M 25/07 6F02D 41/14 6F01N 3/28**  
[25] EN  
[54] **ENGINE INTAKE A/F RADIO CONTROL SYSTEM IN OUTBOARD ENGINE SYSTEM**  
[54] **DISPOSITIF DE COMMANDE DU MELANGE AIR/CARBURANT D'ADMISSION D'UN MOTEUR HORS-BORD**  
[72] KAWASAKI, TOYOKAZU, JP  
[72] YOSHIDA, HIROYUKI, JP  
[72] FUKUDA, YOSHIHIKO, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[85] 2001-02-01  
[86] 1999-08-03 (PCT/JP99/04182)  
[87] 2000-02-17 (WO00/08331)  
[30] JP (10/222060) 1998-08-05

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[13] A1  
[51] **Int.Cl. 7H04L 29/06 7H04N 7/15 7H04M 3/56**  
[25] EN  
[54] **A METHOD FOR EXCHANGING SIGNALING MESSAGES IN TWO PHASES**  
[54] **PROCEDE POUR ECHANGER DES MESSAGES DE SIGNALISATION EN DEUX PHASES**  
[72] MISHRA, PARTHO PRATIM, US  
[72] MARSHALL, WILLIAM TODD, US  
[72] KALMANEK, CHARLES ROBERT JR., US  
[72] RAMAKRISHNAN, KADANGODE K., US  
[72] NORTZ, DOUGLAS M., US  
[71] AT&T CORP., US  
[85] 2001-02-01  
[86] 1999-08-04 (PCT/US99/17593)  
[87] 2000-02-17 (WO00/08821)  
[30] US (60/095,288) 1998-08-04  
[30] US (60/104,878) 1998-10-20

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[13] A1  
[51] **Int.Cl. 7B25J 15/00 7B25J 15/02 7B25J 9/14**  
[25] EN  
[54] **BELLOWS ACTUATION DEVICE, SPECIALLY FOR ROBOTIC MANIPULATOR, AND METHOD TO OPERATE SAID DEVICE**  
[54] **DISPOSITIF ACTIONNEUR DE SOUFFLETS, SPECIALEMENT POUR MANIPULATION ROBOTIQUE, ET PROCEDE DE FONCTIONNEMENT DUDIT DISPOSITIF**  
[72] ARRICHIELLO, VINCENZO, IT  
[71] ARRICHIELLO, VINCENZO, IT  
[85] 2001-02-01  
[86] 1999-08-04 (PCT/IB99/01544)  
[87] 2000-02-17 (WO00/07781)  
[30] IT (SP98A000006) 1998-08-05

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[13] A1  
[51] **Int.Cl. 7C07D 207/16 7A61K 31/40**  
[25] EN  
[54] **A PROCESS FOR THE PREPARATION OF ZOFENOPRIL CALCIUM SALT**  
[54] **ELABORATION DE LA FORME SEL CALCIQUE DU ZOFENOPRIL**  
[72] GIORGIO, RAFFAELLO (deceased), IT  
[72] FALEZZA, ANITA, IT  
[72] GIACHETTI, ANTONIO, IT  
[72] MANNUCCI, CARLO, IT  
[71] MENARINI RICERCA S.P.A., IT  
[85] 2001-02-01  
[86] 1999-07-30 (PCT/EP99/05461)  
[87] 2000-02-17 (WO00/07984)  
[30] IT (MI98A001833) 1998-08-04

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[13] A1  
[51] **Int.Cl. 7A23L 1/01 7A21B 5/08 7A47J 37/12 7A23L 1/164 7A23L 1/217**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MAKING BOWL-SHAPED SNACK FOOD PRODUCTS**  
[54] **PROCEDE ET APPAREIL DE PRODUCTION DE PRODUITS ALIMENTAIRES DU TYPE GRIGNOTAGE EN FORME DE COUPELLE**  
[72] NJENGA, PARIS W., US  
[72] MARSHALL, ERNST, US  
[72] SANFORD, JAMES L., US  
[72] FINK, TIMOTHY J., US  
[71] RECOT, INC., US  
[85] 2001-02-01  
[86] 1999-07-26 (PCT/US99/16444)  
[87] 2000-02-24 (WO00/08950)  
[30] US (09/135,085) 1998-08-17

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[21] **2,339,285**  
[13] A1  
[51] **Int.Cl. 7A61N 2/02**  
[25] EN  
[54] **PEMF TREATMENT FOR OSTEOPOROSIS AND TISSUE GROWTH STIMULATION**  
[54] **TRAITEMENT PEMF DE L'OSTEOPOROSE ET STIMULATION DE A CROISSANCE TISSULAIRE**  
[72] TEPPER, JOHN C., US  
[72] KUO, PETER, US  
[72] MCDERMOTT, KATHY L., US  
[71] AMEI TECHNOLOGIES INC., US  
[85] 2001-02-01  
[86] 1999-07-30 (PCT/US99/17221)  
[87] 2000-02-17 (WO00/07665)  
[30] US (60/095,185) 1998-08-03

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[21] **2,339,286**  
[13] A1  
[51] **Int.Cl. 7C07D 471/04 7A61K 31/435**  
[25] EN  
[54] **NEW COMPOUNDS**  
[54] **NOUVEAUX COMPOSES**  
[72] STARKE, INGEMAR, SE  
[72] NORDBERG, PETER, SE  
[72] DAHLSTROM, MIKAEL, SE  
[72] AMIN, KOSRAT, SE  
[71] ASTRAZENECA AB, SE  
[85] 2001-02-02  
[86] 1999-08-18 (PCT/SE99/01402)  
[87] 2000-03-02 (WO00/11000)  
[30] SE (9802794-9) 1998-08-21

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[21] **2,339,287**  
[13] A1  
[51] **Int.Cl. 6E04B 1/35 6E04G 23/02**  
[25] EN  
[54] **METHOD FOR BONDING AND CREATING LOAD TRANSFER CAPABILITY BETWEEN CONCRETE MEMBERS**  
[54] **PROCEDE DE LIAISON ET DE CREATION D'UNE CAPACITE DE TRANSFERT DE CHARGE ENTRE DES ELEMENTS EN BETON**  
[72] FERM, CARL A., US  
[72] ROGALLA, ERNEST ALBERT, US  
[72] KRAUSS, PAUL DONALD, US  
[72] WYMAN, RANSOME J., US  
[71] URETEK USA, INC., US  
[85] 2001-02-02  
[86] 1999-03-16 (PCT/US99/05683)  
[87] 1999-09-23 (WO99/47762)  
[30] US (09/042,591) 1998-03-16

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[21] **2,339,288**  
[13] A1  
[51] **Int.Cl. 6B60R 21/16 6B60R 21/22**  
[25] EN  
[54] **ROLL-OVER AIRBAG**  
[54] **AIRBAG DE PROTECTION CONTRE LES TONNEAUX**  
[72] BAKER, ROBERT SCOTT, US  
[71] AMERICAN COMPONENTS, INC., US  
[85] 2001-02-02  
[86] 1999-07-06 (PCT/US99/15193)  
[87] 2000-01-13 (WO00/01559)  
[30] US (09/110,632) 1998-07-06

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[21] **2,339,289**  
[13] A1

[51] **Int.Cl. 7G06K 11/18**  
[25] EN  
[54] **INPUT DEVICE FOR CONTROL SIGNALS FOR CONTROLLING THE MOVEMENT OF AN OBJECT REPRESENTED ON A DISPLAY DEVICE AND GRAPHIC DISPLAY HAVING SAID INPUT DEVICE**  
[54] **APPAREIL D'ENTREE POUR SIGNAUX DE COMMANDE SERVANT A COMMANDER LE DEPLACEMENT D'UN OBJET REPRESENTE SUR UN DISPOSITIF D'AFFICHAGE, ET AFFICHAGE GRAPHIQUE POURVU D'UN TEL APPAREIL D'ENTREE**  
[72] PLATE, JOHN, DE  
[72] FROHLICH, BERND, DE  
[71] GMD FORSCHUNGSZENTRUM INFORMATIONSTECHNIK GMBH, DE  
[85] 2001-02-02  
[86] 1999-09-03 (PCT/EP99/06494)  
[87] 2000-03-16 (WO00/14676)  
[30] DE (198 40 939.7) 1998-09-08

[21] **2,339,291**  
[13] A1

[51] **Int.Cl. 6C07D 311/94 6C07D 405/12 6C07D 407/12 6C07D 409/12 6A61K 31/35 6A61K 31/38 6A61K 31/44 6A61K 31/47**  
[25] EN  
[54] **SESTERTERPENE DERIVATIVES EXHIBITING ANTIFUNGAL ACTIVITIES**  
[54] **DERIVES SESTERTERPENE POSSEDANT DES ACTIVITES ANTIFONGIQUES**  
[72] HIRANO, ATSUSHI, JP  
[72] OGAWA, HIDENORI, JP  
[72] SUGIYAMA, EIJI, JP  
[72] KONDO, HISAO, JP  
[72] KOJIRI, KATSUHISA, JP  
[72] SUDA, HIROYUKI, JP  
[71] BANYU PHARMACEUTICAL CO., LTD., JP  
[85] 2001-02-02  
[86] 1999-08-04 (PCT/JP99/04198)  
[87] 2000-02-17 (WO00/08010)  
[30] JP (10/236415) 1998-08-07

[21] **2,339,337**  
[13] A1

[51] **Int.Cl. 7C12N 15/31 7C07K 16/14 7A61K 38/16 7C07K 14/40 7G01N 33/50 7C12Q 1/68 7A61K 31/70**  
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[72] LOGGHE, MARC GEORGE, BE  
[72] VIAENE, JASMINE ELZA, BE  
[72] LUYTEN, WALTER HERMAN MARIA LOUIS, BE  
[72] NELISSEN, BART, BE  
[72] CONTRERAS, ROLAND HENRI, BE  
[71] JANSSEN PHARMACEUTICA N.V., BE  
[85] 2001-02-12  
[86] 1999-08-16 (PCT/EP99/05991)  
[87] 2000-02-24 (WO00/09695)  
[30] GB (9817796.7) 1998-08-14  
[30] EP (98310694.9) 1998-12-23

[21] **2,339,290**  
[13] A1

[51] **Int.Cl. 7C08B 37/00 7A61K 47/36 7A61K 7/48**  
[25] EN  
[54] **REACTION PRODUCTS OF HYALURONIC ACID AND NATURAL AMINO ACIDS AND THEIR USE IN COSMETIC AND PHARMACEUTICAL COMPOSITIONS**  
[54] **PRODUITS DE REACTION D'ACIDE HYALURONIQUE ET D'ACIDES AMINES NATURELS ET LEUR UTILISATION DANS DES COMPOSITIONS COSMETIQUES ET PHARMACEUTIQUES**  
[72] ABBIATI, GIULIANA, IT  
[71] JASPER LTD. LIABILITY CO., US  
[85] 2001-02-02  
[86] 1999-07-29 (PCT/IT99/00250)  
[87] 2000-02-17 (WO00/08061)  
[30] IT (MI98A001836) 1998-08-05

[21] **2,339,303**  
[13] A1

[51] **Int.Cl. 7C12N 5/06 7C07K 14/475 7G01N 33/53 7C12N 15/66 7C12N 15/85 7C12N 15/86**  
[25] EN  
[54] **METHODS OF FORMING NEURONS**  
[54] **METHODES DE FORMATION DE NEURONES**  
[72] ANDERSON, DAVID J., US  
[72] LO, LI-CHING, US  
[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US  
[85] 2001-02-13  
[86] 1999-08-13 (PCT/US99/18525)  
[87] 2000-02-24 (WO00/09676)  
[30] US (60/096,630) 1998-08-14

[21] **2,339,338**  
[13] A1

[51] **Int.Cl. 6C07K 14/39 6C12N 1/00 6C12P 21/02 6C12Q 1/02 6C12N 5/10 6C07K 16/14 6C12N 1/15 6C12N 1/19 6C07K 16/26 6C12N 15/31 6G01N 33/53 6C12N 15/63 6C12Q 1/68**  
[25] EN  
[54] **VANADATE RESISTANCE GLYCOSYLATION 4 GENE**  
[54] **GENE 4 DE GLYCOSYLATION RESISTANT AU VANADIUM**  
[72] DEAN, NETA, US  
[71] THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK, US  
[85] 2001-02-06  
[86] 1999-08-12 (PCT/US99/18402)  
[87] 2000-02-24 (WO00/09550)  
[30] US (60/096,609) 1998-08-14  
[30] US (60/118,370) 1999-02-03

[21] **2,339,304**  
[13] A1

[51] **Int.Cl. 6A61K 35/12 6C12N 15/01 6C12N 5/08 6A61K 35/26 6A61K 35/28**  
[25] EN  
[54] **COMPOSITION AND METHOD OF USING TUMOR CELLS**  
[54] **COMPOSITIONS ET PROCEDES PERMETTANT D'UTILISER LES CELLULES TUMORALES**  
[72] BERD, DAVID, US  
[71] THOMAS JEFFERSON UNIVERSITY, US  
[85] 2001-02-09  
[86] 1998-08-10 (PCT/US98/16660)  
[87] 2000-02-24 (WO00/09140)

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[13] A1

[51] **Int.Cl. 7C12N 15/11 7C07H 21/00 7A61P 9/00 7A61P 35/00 7A61K 31/70**

[25] EN

[54] **ANTISENSE**

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[54] **OLIGONUCLEOTIDES ANTISENS DESTINES A INHIBER L'EXPRESSION DE VEGF**

[72] PEYMAN, ANUSCHIRWAN, DE

[72] UHLMANN, EUGEN, DE

[72] BITONTI, ALAN, US

[72] WOESSNER, RICHARD, US

[71] AVENTIS PHARMA DEUTSCHLAND GMBH, DE

[85] 2001-02-07

[86] 1999-07-29 (PCT/EP99/05432)

[87] 2000-02-17 (WO00/08140)

[30] EP (98114854.7) 1998-08-07

[21] **2,339,354**  
[13] A1

[51] **Int.Cl. 7A61K 47/02 7A61K 31/135 7A61K 47/32**

[25] EN

[54] **COMPOSITIONS COMPRISING SYMPATHOMIMETIC AMINE SALTS UNSUITABLE FOR ILLEGAL USE**

[54] **COMPOSITIONS RENFERMANT DES SELS D'AMINE SYMPATHOMIMETIQUE IMPROPRES A UN USAGE ILLEGAL**

[72] NICHOLS, WILLIAM MICHAEL, US

[72] BESS, WILLIAM S., US

[71] WARNER-LAMBERT COMPANY, US

[85] 2001-02-01

[86] 1999-09-09 (PCT/US99/20708)

[87] 2000-03-23 (WO00/15261)

[30] US (60/099,712) 1998-09-10

[21] **2,339,357**  
[13] A1

[51] **Int.Cl. 7C07C 67/343 7C07B 49/00 7C07C 255/21 7C07C 253/30 7C07C 69/716**

[25] EN

[54] **PROCESSES FOR THE PREPARATION OF 5-HYDROXY-3-OXOPENTANOIC ACID DERIVATIVES**  
[54] **PROCEDES DE PREPARATION DE DERIVES D'ACIDE 5-HYDROXY-3-OXOPENTANOIQUE**

[72] INOUE, KENJI, JP

[72] NISHIYAMA, AKIRA, JP

[71] KANEKA CORPORATION, JP

[85] 2001-02-02

[86] 2000-06-02 (PCT/JP00/03574)

[87] 2000-12-14 (WO00/75099)

[30] JP (11/158033) 1999-06-04

[30] JP (2000/23804) 2000-02-01

[21] **2,339,353**  
[13] A1

[51] **Int.Cl. 7A61K 7/16 7A61K 31/00 7A61L 26/00 7A61P 29/00 7A61P 37/00**

**7A61P 1/04 7A61P 31/04 7A61P 11/10**

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**7A61K 7/22 7A61K 7/26 7A61L 15/28**

**7A61L 15/44 7A61L 15/60 7A61K 9/70**

[25] EN

[54] **FAST DISSOLVING ORALLY CONSUMABLE FILMS**

[54] **FILMS PELLICULAIRES CONSOMMABLES PAR VOIE ORALE ET A DISSOLUTION RAPIDE**

[72] LEUNG, SAU-HUNG SPENCE, US

[72] LEONE, ROBERT S., US

[72] KUMAR, LORI DEE, US

[72] KULKARNI, NEEMA, US

[72] SORG, ALBERT F., US

[71] WARNER-LAMBERT COMPANY, US

[85] 2001-02-01

[86] 1999-09-23 (PCT/US99/22115)

[87] 2000-04-06 (WO00/18365)

[30] US (60/101,798) 1998-09-25

[21] **2,339,355**  
[13] A1

[51] **Int.Cl. 7C12N 15/31 7C12N 7/01 7A61K 39/07 7C12N 1/21 7C07K 14/32**

[25] EN

[54] **ANTHRAX VACCINE**

[54] **VACCIN DU CHARBON BACTERIDIEN**

[72] LEE, JOHN S., US

[72] PUSHKO, PETER, US

[72] PARKER, MICHAEL D., US

[72] WELKOS, SUSAN L., US

[72] SMITH, JONATHAN F., US

[71] U.S. MEDICAL RESEARCH INSTITUTE OF INFECTIOUS DISEASES, US

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[86] 1999-07-09 (PCT/US99/15568)

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[30] US (60/092,416) 1998-07-10

[21] **2,339,358**  
[13] A1

[51] **Int.Cl. 6G06F 7/00**

[25] EN

[54] **BROKEN STACK PRIORITY ENCODER**

[54] **CODEUR DE PRIORITE A PILE ROMPUE**

[72] KUMAR, SUDARSHAN, US

[72] VIJAYRAO, NARSING K., US

[71] INTEL CORPORATION, US

[85] 2001-02-02

[86] 1999-07-27 (PCT/US99/17041)

[87] 2000-02-17 (WO00/08549)

[30] US (09/130,379) 1998-08-06

[21] **2,339,356**  
[13] A1

[51] **Int.Cl. 7A61K 33/04 7A61P 13/08 7A61K 31/198 7A61K 35/78**

[25] EN

[54] **PROSTATE FORMULA**

[54] **FORMULE DESTINEE A LA PROSTATE**

[72] WHEELER, RONALD E., US

[71] WHEELER, RONALD E., US

[85] 2001-01-29

[86] 1999-08-03 (PCT/US99/17526)

[87] 2000-02-17 (WO00/07604)

[30] US (60/095,202) 1998-08-03

[21] **2,339,359**  
[13] A1

[51] **Int.Cl. 7H01L 21/00**

[25] EN

[54] **WORKPIECE VIBRATION DAMPER**

[54] **AMORTISSEUR DE VIBRATIONS POUR UNE PIECE**

[72] ARMSTRONG, ALLEN, US

[71] MICRION CORPORATION, US

[85] 2001-02-02

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[87] 2000-02-17 (WO00/08676)

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[13] A1

[51] **Int.Cl. 6G01N 30/26**  
[25] EN  
[54] **METHOD FOR DETERMINATION OF HEMOGLOBINS**  
[54] **PROCEDE DE DETERMINATION D'HEMOGLOBINES**  
[72] SHIMADA, KAZUHIKO, JP  
[72] OISHI, KAZUYUKI, JP  
[72] SETOGUCHI, YUJI, JP  
[72] KAWABE, TOSHIKI, JP  
[72] OKA, TAKAYUKI, JP  
[71] SEKISUI CHEMICAL CO., LTD., JP  
[85] 2001-02-02  
[86] 1999-08-04 (PCT/JP99/04202)  
[87] 2000-02-17 (WO00/08460)  
[30] JP (10/224572) 1998-08-07  
[30] JP (10/224573) 1998-08-07  
[30] JP (10/224574) 1998-08-07

[21] **2,339,361**  
[13] A1

[51] **Int.Cl. 6B67D 5/56**  
[25] EN  
[54] **MULTIPLE FLAVOR BEVERAGE DISPENSING AIR-MIX NOZZLE**  
[54] **BUSE A MELANGE D'AIR POUR LA DISTRIBUTEUR DE BOISSONS MULTI-PARFUM**  
[72] SIMMONS, DARREN W., US  
[72] SANTY, JOHN D., JR., US  
[72] SCHROEDER, ALFRED A., US  
[71] LANCER PARTNERSHIP, LTD., US  
[85] 2001-02-02  
[86] 1999-08-02 (PCT/US99/17481)  
[87] 2000-02-17 (WO00/07928)  
[30] US (09/128,241) 1998-08-03  
[30] US (09/216,527) 1998-12-18

[21] **2,339,362**  
[13] A1

[51] **Int.Cl. 7C07D 471/04 7C07D 209/00 7C07D 221/00 7C07D 223/00 7A61P 25/00 7C07D 455/04 7C07D 487/04 7C07D 471/14 7A61K 31/437 7A61K 31/55**  
[25] EN  
[54] **TRICYCLIC CARBOXAMIDES**  
[54] **NOUVEAUX COMPOSES**  
[72] THOMPSON, MERVYN, GB  
[72] WARD, ROBERT WILLIAM, GB  
[72] COULTON, STEVEN, GB  
[72] PORTER, RODERICK ALAN, GB  
[72] NOVELLI, RICCARDO, GB  
[71] SMITHKLINE BEECHAM PLC, GB  
[85] 2001-02-02  
[86] 1999-08-03 (PCT/EP99/05584)  
[87] 2000-02-17 (WO00/08020)  
[30] GB (9817028.5) 1998-08-05

[21] **2,339,363**  
[13] A1

[51] **Int.Cl. 6A61K 31/40 6C07D 401/12 6C07D 207/27 6A61K 31/44**  
[25] EN  
[54] **REMEDIES OR PREVENTIVES FOR INTRACTABLE EPILEPSY**  
[54] **REMEDES OU PREVENTIFS CONTRE L'EPILEPSIE REBELLE**  
[72] TAKAZAWA, AKIRA, JP  
[72] TANAKA, TATSUYA, JP  
[72] MURASHIMA, YOSHIYA, JP  
[72] YOSHII, MITSUNOBU, JP  
[71] DAIICHI PHARMACEUTICAL CO., LTD., JP  
[85] 2001-02-02  
[86] 1999-08-06 (PCT/JP99/04264)  
[87] 2000-02-17 (WO00/07593)  
[30] JP (10/223233) 1998-08-06

[21] **2,339,364**  
[13] A1

[51] **Int.Cl. 7F16L 55/162**  
[25] EN  
[54] **PIPE ADAPTOR AND METHOD**  
[54] **ADAPTATEUR POUR TUYAU ET SA MISE EN PLACE**  
[72] SAUNDERS, ANTHONY CHARLES PATRICK, GB  
[72] SCOTT, PETER SIDNEY, GB  
[71] SYNTHOTECH SPECIAL PRODUCTS LIMITED, GB  
[85] 2001-02-02  
[86] 1999-07-28 (PCT/GB99/02471)  
[87] 2000-02-17 (WO00/08372)  
[30] GB (9816806.5) 1998-08-04

[21] **2,339,365**  
[13] A1

[51] **Int.Cl. 6A01H 5/00 6C12N 9/20 6C12P 7/40 6C12P 7/64 6C12N 15/82**  
[25] EN  
[54] **BIODEGRADABLE HIGH OXIDATIVE STABILITY OILS**  
[54] **HUILES BIODEGRADABLES PRESENTANT UNE GRANDE STABILITE A L'OXYDATION**  
[72] FAN, ZHEGONG, US  
[72] KODALI, DHARMA R., US  
[72] DeBONTE, LORIN R., US  
[71] CARGILL, INCORPORATED, US  
[85] 2001-02-02  
[86] 1999-08-03 (PCT/US99/17569)  
[87] 2000-02-17 (WO00/07432)  
[30] US (09/127,743) 1998-08-03

[21] **2,339,366**  
[13] A1

[51] **Int.Cl. 7A23B 5/04 7A23B 5/055 7A23B 5/10**  
[25] EN  
[54] **USE OF CO2 COOLING IN TREATMENT OF POULTRY EGGS**  
[54] **REFROIDISSEMENT AU CO2 POUR TRAITER DES OEUFS DE VOLAILLES DE BASSE-COUR**  
[72] CURTIS, PATRICIA ANN MCBRIDE, US  
[72] ANDERSON, KENNETH EMIL, US  
[72] CONNER, DONALD EDWARD, US  
[72] HUGHES, LAVONDA ANN, US  
[72] KEENER, KEVIN M., US  
[71] AUBURN UNIVERSITY, US  
[71] NORTH CAROLINA STATE UNIVERSITY, US  
[85] 2001-02-02  
[86] 1999-08-03 (PCT/US99/17605)  
[87] 2000-02-17 (WO00/07453)  
[30] US (60/095,124) 1998-08-03

[21] **2,339,367**  
[13] A1

[51] **Int.Cl. 7A61K 39/395 7A23P 1/00 7B28B 3/06 7B29C 39/12 7B28B 7/20 7B28B 7/22**  
[25] EN  
[54] **COMPOSITE PRODUCT AND METHOD AND APPARATUS FOR ITS FORMATION**  
[54] **PRODUIT COMPOSITE ET PROCEDE ET APPAREIL POUR LE FABRIQUER**  
[72] JEFFREY, GLEN J., US  
[72] MORREN, NELSON J., US  
[72] ANDERSON, TERRY L., US  
[71] TEXTRON AUTOMOTIVE COMPANY INC., US  
[85] 2001-02-02  
[86] 1999-10-20 (PCT/US99/24636)  
[87] 2000-05-04 (WO00/24421)  
[30] US (09/178,117) 1998-10-23

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[13] A1

[51] **Int.Cl. 7A61K 31/00 7A61P 35/00 7A61K 45/06 7A61P 17/08 7A61P 17/10 7A61P 17/14 7A61P 5/26 7A61K 31/565 7A61K 31/566 7A61K 31/567 7A61K 31/585**  
[25] EN  
[54] **INHIBITORS OF TYPE 3 3.ALPHA.-HYDROXYSTEROID DEHYDROGENASE**  
[54] **INHIBITION DE LA 3\$G(A)-HYDROXYSTEROID-DESHYDROGENASE DE TYPE 3**  
[72] MERAND, YVES, CA  
[72] PROVENCHER, LOUIS, CA  
[72] GAUTHIER, SYLVAIN, CA  
[72] LUU-THE, VAN, CA  
[72] LABRIE, FERNAND, CA  
[71] ENDORECHERCHE, INC., CA  
[85] 2001-02-02  
[86] 1999-08-06 (PCT/CA99/00724)  
[87] 2000-02-17 (WO00/07576)  
[30] US (60/095,623) 1998-08-07

[21] **2,339,369**  
[13] A1

[51] **Int.Cl. 7H04Q 1/28**  
[25] EN  
[54] **POWER CONTROL DEVICE AND METHOD FOR A MOBILE COMMUNICATION SYSTEM**  
[54] **DISPOSITIF ET TECHNIQUE DE REGULATION DE PUISSANCE POUR SYSTEME DE COMMUNICATION MOBILE**  
[72] JEONG, JOONG-HO, KR  
[72] KIM, YOUNG-KY, KR  
[72] AHN, JAE-MIN, KR  
[72] CHOI, JIN-WOO, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2001-02-02  
[86] 2000-06-17 (PCT/KR00/00641)  
[87] 2000-12-28 (WO00/79805)  
[30] KR (1999/22791) 1999-06-17

[21] **2,339,370**  
[13] A1

[51] **Int.Cl. 7A61N 5/10**  
[25] EN  
[54] **RADIOTHERAPY VERIFICATION SYSTEM**  
[54] **SYSTEME DE CONTROLE POUR RADIOTHERAPIE**  
[72] OLIVERA, GUSTAVO H., US  
[72] KAPATOES, JEFFREY M., US  
[72] MACKIE, THOMAS R., US  
[72] RECKWERDT, PAUL J., US  
[72] FITCHARD, EDWARD E., US  
[72] ZACHMAN, JULIE C., US  
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US  
[85] 2001-02-02  
[86] 1999-08-06 (PCT/US99/17673)  
[87] 2000-02-17 (WO00/07667)  
[30] US (60/095,528) 1998-08-06

[21] **2,339,371**  
[13] A1

[51] **Int.Cl. 6A61N 1/00**  
[25] EN  
[54] **ELECTRICALLY MEDIATED ANGIOGENESIS**  
[54] **ASSISTANCE ELECTRIQUE DANS L'ANGIOGENESE**  
[72] PERTILE, TERENCE, US  
[72] CONRAD-VLASAK, DEENA, US  
[72] SHAPLAND, J. EDWARD, US  
[72] VANDEN HOEK, JOHN, US  
[72] WALSH, ROBERT, US  
[71] EMED CORPORATION, US  
[85] 2001-02-02  
[86] 1999-11-12 (PCT/US99/26834)  
[87] 2000-05-18 (WO00/27466)  
[30] US (60/108,080) 1998-11-12  
[30] US (09/190,412) 1998-11-12  
[30] US (09/191,209) 1998-11-12

[21] **2,339,372**  
[13] A1

[51] **Int.Cl. 6C07D 471/04 6A61K 31/435**  
[25] EN  
[54] **NEW COMPOUNDS**  
[54] **NOUVEAUX COMPOSES**  
[72] STARKE, INGEMAR, SE  
[72] DAHLSTROM, MIKAEL, SE  
[72] AMIN, KOSRAT, SE  
[72] NORDBERG, PETER, SE  
[71] ASTRAZENECA AB, SE  
[85] 2001-02-02  
[86] 1999-08-18 (PCT/SE99/01401)  
[87] 2000-03-02 (WO00/10999)  
[30] SE (9802793-1) 1998-08-21

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[13] A1

[51] **Int.Cl. 6G06F 11/30 6G06F 13/00**  
[25] EN  
[54] **DATA TRANSFER**  
[54] **TRANSFERT DE DONNEES**  
[72] MOGG, PETER, AU  
[72] ASHCROFT, CHARLES ANTHONY, AU  
[72] LAW, COLIN ROBERT, AU  
[71] COMPUCAT RESEARCH PTY.LTD., AU  
[85] 2001-02-02  
[86] 1999-07-27 (PCT/AU99/00604)  
[87] 2000-02-17 (WO00/08562)  
[30] AU (PP 5141) 1998-08-07

[21] **2,339,374**  
[13] A1

[51] **Int.Cl. 7C08B 11/20**  
[25] EN  
[54] **PRODUCTION OF POLYSACCHARIDE ETHERS**  
[54] **PRODUCTION D'ETHERS POLYSACCHARIDIQUES**  
[72] SARLIS, JOHN IOANNIS, CA  
[72] DATTA, RATHIN, US  
[72] VAMES, JOHN S., US  
[72] MALLON, CHARLES B., US  
[72] SEE, BENITO, US  
[72] TRAMPE, DAVID M., US  
[71] UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION, US  
[85] 2001-02-02  
[86] 1999-08-03 (PCT/US99/17599)  
[87] 2000-02-17 (WO00/08059)  
[30] US (60/095,263) 1998-08-04

[21] **2,339,375**  
[13] A1

[51] **Int.Cl. 7B29C 41/20 7C04B 26/02 7B05D 1/40**  
[25] EN  
[54] **PROCESS FOR THE MANUFACTURE OF A MOULDING**  
[54] **FABRICATION D'UN MOULAGE**  
[72] SYMONS, MICHAEL WINDSOR, ZA  
[71] WINDSOR TECHNOLOGIES LIMITED, BS  
[85] 2001-02-02  
[86] 1999-07-28 (PCT/IB99/01332)  
[87] 2000-02-17 (WO00/07791)  
[30] ZA (98/6973) 1998-08-04

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[13] A1

[51] **Int.Cl. 7B01J 29/80 7C10G 47/16 7B01J 29/40**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF A CATALYST COMPOSITION**  
[54] **PROCEDE DE PREPARATION D'UNE COMPOSITION CATALYTIQUE**  
[72] GOSSELINK, JOHAN WILLEM, NL  
[72] VAN WELSENES, AREND JAN, NL  
[72] VAN VEEN, JOHANNES ANTHONIUS ROBERT, NL  
[71] SHELL CANADA LIMITED, CA  
[85] 2001-02-02  
[86] 1999-07-30 (PCT/EP99/05575)  
[87] 2000-02-17 (WO00/07724)  
[30] EP (98306162.3) 1998-08-03

[21] **2,339,377**  
[13] A1

[51] **Int.Cl. 7A61K 7/50**  
[25] EN  
[54] **OPAQUE CONDITIONING COMPOSITION**  
[54] **COMPOSITION APRES-SHAMPOING OPAQUE**  
[72] PYLES, DANIEL RAYMOND, US  
[71] UNILEVER PLC, GB  
[85] 2001-02-05  
[86] 1999-07-29 (PCT/EP99/05482)  
[87] 2000-02-17 (WO00/07563)  
[30] US (09/130,955) 1998-08-07

[21] **2,339,378**  
[13] A1

[51] **Int.Cl. 6A61K 38/18**  
[25] EN  
[54] **PREPARATIONS FOR THE ADMINISTRATION OF HEPATOCYTE GROWTH FACTOR**  
[54] **PREPARATIONS DESTINEES A L'ADMINISTRATION D'UN FACTEUR DE CROISSANCE DES HEPATOCYTES**  
[72] KUDO, IKUE, JP  
[72] NAGANO, TOMOKAZU, JP  
[72] TANI, SHUNSUKE, JP  
[72] MAEDA, HIROO, JP  
[72] NOGUCHI, HIROSHI, JP  
[72] KAWAMURA, TAKAO, JP  
[72] TAJI, MUTSUO, JP  
[71] SUMITOMO PHARMACEUTICALS CO., LTD., JP  
[85] 2001-02-05  
[86] 1999-08-04 (PCT/JP99/04249)  
[87] 2000-02-17 (WO00/07615)  
[30] JP (10/222170) 1998-08-05  
[30] JP (11/6261) 1999-01-13

[21] **2,339,379**  
[13] A1

[51] **Int.Cl. 7B01J 29/08 7C10G 11/05**  
[25] EN  
[54] **CATALYST CARRIER WITH HIGH DIESEL SELECTIVITY**  
[54] **SUPPORT DE CATALYSEUR A HAUTE SELECTIVITE DIESEL**  
[72] DE KROES, BAS, NL  
[72] SONNEMANS, JOHANNES WILHELMUS MARIA, NL  
[72] NIEMAN, JAN, NL  
[71] AKZO NOBEL N.V., NL  
[85] 2001-02-02  
[86] 1999-07-15 (PCT/EP99/05049)  
[87] 2000-02-17 (WO00/07723)  
[30] EP (98202635.3) 1998-08-05

[21] **2,339,380**  
[13] A1

[51] **Int.Cl. 7B21C 47/34 7B65H 19/22 7B65H 23/24**  
[25] EN  
[54] **DEFLECTION METHOD AND DEFLECTION DEVICE FOR A STRIP, ESPECIALLY A METAL STRIP**  
[54] **PROCEDE ET DISPOSITIF POUR LA DEVIATION D'UNE BANDE, NOTAMMENT D'UNE BANDE METALLIQUE**  
[72] RASCHKE, UWE, DE  
[72] KNEPPE, GUNTER, DE  
[72] BRAUN, MARTIN, DE  
[72] IRLE, REINHARD, DE  
[71] SMS-SCHLOEMANN-SIEMAG AKTIENGESELLSCHAFT, DE  
[85] 2001-02-02  
[86] 1999-07-24 (PCT/EP99/05305)  
[87] 2000-02-17 (WO00/07747)  
[30] DE (198 35 110.0) 1998-08-04

[21] **2,339,381**  
[13] A1

[51] **Int.Cl. 7F42B 5/02 7F41A 21/00 7F41A 11/02**  
[25] EN  
[54] **A HANDGUN SYSTEM WITH AN EXCHANGEABLE BARREL**  
[54] **SYSTEME D'ARME A FEU DE POING AVEC CANON INTERCHANGEABLE**  
[72] KATZMAIER, WOLFGANG, DE  
[71] HECKLER & KOCH GMBH, DE  
[85] 2001-02-02  
[86] 2000-05-25 (PCT/EP00/04784)  
[87] 2000-12-14 (WO00/75598)  
[30] DE (199 25 676.4) 1999-06-04

[21] **2,339,382**  
[13] A1

[51] **Int.Cl. 7H03H 9/64**  
[25] EN  
[54] **SURFACE ACOUSTIC WAVE FILTER**  
[54] **FILTRE ACOUSTIQUE A ONDES DE SURFACE**  
[72] TSUZUKI, SHIGERU, JP  
[72] IGAKI, TSUTOMU, JP  
[72] YAMADA, TORU, JP  
[72] NAKAMURA, HIROYUKI, JP  
[72] MATSUNAMI, KEN, JP  
[72] NISHIMURA, KAZUNORI, JP  
[71] MATSUSHITA ELECTRICAL INDUSTRIAL CO., LTD., JP  
[85] 2001-02-02  
[86] 2000-05-31 (PCT/JP00/03494)  
[87] 2000-12-14 (WO00/76067)  
[30] JP (11/156131) 1999-06-03

[21] **2,339,383**  
[13] A1

[51] **Int.Cl. 7B26F 3/00 7B23K 26/00 7H05B 41/34**  
[25] EN  
[54] **RELEASING OF GLAZING PANELS**  
[54] **DEMONTAGE DE GLACES**  
[72] CLEMENT, ROBERT MARC, GB  
[72] KIERNAN, MICHAEL NOEL, GB  
[72] DAVIES, CHRISTOPHER, GB  
[71] CARGLASS LUXEMBOURG SALZUG BRANCH, CH  
[85] 2001-02-02  
[86] 1999-07-01 (PCT/GB99/02086)  
[87] 2000-02-24 (WO00/09302)  
[30] GB (9817441.0) 1998-08-11

[21] **2,339,384**  
[13] A1

[51] **Int.Cl. 6A61B 19/00**  
[25] EN  
[54] **IMPROVED METHOD FOR TARGETED TOPICAL TREATMENT OF DISEASE**  
[54] **METHODE AMELIOREE DE TRAITEMENT LOCAL CIBLE DE MALADIE**  
[72] FISHER, WALTER, US  
[72] DEES, H. CRAIG, US  
[72] SCOTT, TIMOTHY, US  
[72] SMOLIK, JOHN, US  
[72] WACHTER, ERIC A., US  
[71] PHOTOGEN, INC., US  
[85] 2001-02-02  
[86] 1999-08-02 (PCT/US99/17515)  
[87] 2000-02-17 (WO00/07515)  
[30] US (09/130,041) 1998-08-06

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,339,385</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 17/60 7G06F 17/00</b> [25] EN [54] <b>APPARATUS AND METHOD FOR PROVIDING COLLATERAL CONSTRUCTION LOAN INSURANCE COVERAGE</b> [54] <b>APPAREIL ET PROCEDE POUR FOURNIR UNE COUVERTURE D'ASSURANCE DE PRETS DE CONSTRUCTION SUR NANTISSEMENT</b> [72] DILLARD, GREG, US [71] DILLARD, GREG, US [85] 2001-02-02 [86] 2000-05-31 (PCT/US00/14896) [87] 2000-12-07 (WO00/73962) [30] US (60/137,118) 1999-06-02 [30] US (09/518,125) 2000-03-03</p>	<p style="text-align: right;">[21] <b>2,339,388</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F41H 1/02</b> [25] EN [54] <b>STAB RESISTANT MATERIAL</b> [54] <b>MATIERE RESISTANTE AUX COUPS DE COUTEAU</b> [72] FELS, ACHIM, DE [72] BOTTGER, CHRISTIAN, DE [72] FUCHS, YUVAL, IL [71] ARAMID PRODUCTS GMBH, DE [71] FMS ENTERPRISES LTD., IL [85] 2001-02-02 [86] 1999-07-30 (PCT/EP99/05574) [87] 2000-02-17 (WO00/08411) [30] EP (98114608.7) 1998-08-04</p>	<p style="text-align: right;">[21] <b>2,339,495</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07F 9/10 7C07F 9/113 7A61K 9/127 7A61K 31/685</b> [25] EN [54] <b>NOVEL PHOSPHOLIPIDS WITH UNSATURATED ALKYL AND ACYL CHAINS</b> [54] <b>PHOSPHOLIPIDES RENFERMANT DES CHAINES ALKYLE ET ACYLE NON SATUREES</b> [72] HOTTKOWITZ, THOMAS, DE [72] EIBL, HANSJORG, DE [71] MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V., DE [85] 2001-02-02 [86] 1999-08-06 (PCT/EP99/05710) [87] 2000-02-17 (WO00/08031) [30] DE (198 35 611.0) 1998-08-06</p>
<p style="text-align: right;">[21] <b>2,339,386</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B32B 27/32 7B32B 17/10</b> [25] EN [54] <b>THERMOPLASTIC INTERLAYER FILM</b> [54] <b>FILM A COUCHE DE LIAISON INTERMEDIAIRE THERMOPLASTIQUE</b> [72] FRIEDMAN, MICHAEL, US [72] VISSCHER, GLENN T., US [71] SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION, US [85] 2001-02-02 [86] 1999-07-26 (PCT/US99/16934) [87] 2000-02-24 (WO00/09331) [30] US (09/131,859) 1998-08-10</p>	<p style="text-align: right;">[21] <b>2,339,493</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B32B 27/08 7B65D 65/40</b> [25] EN [54] <b>GAS-TIGHT LAMINATING FILM AND PACKAGING MATERIAL PRODUCED THEREFROM</b> [54] <b>FEUILLE DE COUCHAGE ETANCHE AUX GAZ ET MATERIAU D'EMBALLAGE FABRIQUE AVEC CETTE FEUILLE</b> [72] EGGERS, HOLGER, DE [72] KASCHEL, GREGOR, DE [71] WOLFF WALSRODE AG, DE [85] 2001-02-02 [86] 1999-07-27 (PCT/EP99/05369) [87] 2000-02-17 (WO00/07815) [30] DE (198 35 745.1) 1998-08-07</p>	<p style="text-align: right;">[21] <b>2,339,496</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61N 5/04</b> [25] EN [54] <b>APPLICATOR FOR MICROWAVE RADIATION TREATMENT</b> [54] <b>APPLICATEUR POUR TRAITEMENT PAR RADIATIONS ELECTROMAGNETIQUES</b> [72] SANGSTER, ALAN JOHN, GB [72] HABIB, NAGY ADLY, GB [71] IMPERIAL COLLEGE INNOVATIONS LIMITED, GB [85] 2001-02-02 [86] 1999-08-04 (PCT/GB99/02559) [87] 2000-02-17 (WO00/07666) [30] GB (9817078.0) 1998-08-05</p>
<p style="text-align: right;">[21] <b>2,339,387</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 19/00</b> [25] EN [54] <b>METHODS AND APPARATUS FOR ANALYZING SEISMIC DATA</b> [54] <b>PROCEDE ET DISPOSITIF D'ANALYSES DE DONNEES SISMIQUES</b> [72] YOST, LAWRENCE W., US [71] LANDMARK GRAPHICS CORPORATION, US [85] 2001-02-02 [86] 1999-08-04 (PCT/US99/17973) [87] 2000-02-17 (WO00/08584) [30] US (09/129,379) 1998-08-05</p>	<p style="text-align: right;">[21] <b>2,339,494</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F25J 3/04 7F25J 3/02</b> [25] EN [54] <b>INSTALLATION PRODUCING LOW VOLTAGE ELECTRICITY INTEGRATED IN A UNIT SEPARATING GAS FROM AIR</b> [54] <b>INSTALLATION DE PRODUCTION D'ELECTRICITE BASSE TENSION INTEGREE A UNE UNITE DE SEPARATION DES GAZ DE L'AIR</b> [72] GUILLARD, ALAIN, FR [71] L' AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED, FR [85] 2001-02-02 [86] 1999-08-04 (PCT/FR99/01931) [87] 2000-02-17 (WO00/08400) [30] FR (98/10146) 1998-08-06</p>	<p style="text-align: right;">[21] <b>2,339,497</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61N 5/10</b> [25] EN [54] <b>DELIVERY MODIFICATION SYSTEM FOR RADIATION THERAPY</b> [54] <b>SYSTEME DE MODIFICATION DE DISTRIBUTION POUR RADIOTHERAPIE</b> [72] RECKWERDT, PAUL J., US [72] OLIVERA, GUSTAVO H., US [72] FITCHARD, EDWARD E., US [72] MACKIE, THOMAS R., US [71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US [85] 2001-02-02 [86] 1999-08-06 (PCT/US99/17675) [87] 2000-02-17 (WO00/07669) [30] US (60/095,529) 1998-08-06</p>

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[21] **2,339,499**  
[13] A1

[51] **Int.Cl. 7H04L 25/03 7H04B 7/005 7H04L 25/02**  
[25] EN  
[54] **RECEIVER FOR DIGITAL SIGNALS PROPAGATED IN CHANNELS WITH MULTIPLE PATHS**  
[54] **RECEPTEUR DE SIGNAUX NUMERIQUES PROPAGES DANS DES CANAUX AVEC PLUSIEURS TRAJETS**  
[72] MATTILA, JARI, FI  
[72] CUSANI, ROBERTO, IT  
[71] TELITAL S.P.A., IT  
[85] 2001-02-02  
[86] 1999-07-30 (PCT/EP99/05572)  
[87] 2000-02-17 (WO00/08816)  
[30] IT (MI98A001839) 1998-08-05

[21] **2,339,500**  
[13] A1

[51] **Int.Cl. 7B65D 1/34 7B65D 43/16**  
[25] EN  
[54] **ARTICULABLE CONTAINER**  
[54] **CONTENANT ARTICULE**  
[72] TOUSSANT, JOHN WILLIAM, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-02-02  
[86] 1999-08-27 (PCT/US99/19857)  
[87] 2000-03-09 (WO00/12391)  
[30] US (09/141,075) 1998-08-27

[21] **2,339,503**  
[13] A1

[51] **Int.Cl. 7C07C 29/141**  
[25] EN  
[54] **TWO-STAGE PROCESS FOR THE PRODUCTION OF 1,3-PROPANEDIOL BY CATALYTIC HYDROGENATION OF 3-HYDROXYPROPANAL**  
[54] **PROCEDE DE PRODUCTION DE 1,3-PROPANEDIOL PAR HYDROGENATION CATALYTIQUE DE 3-HYDROXYPROPANAL EN DEUX ETAPES**  
[72] JAEGER, BERND, DE  
[72] SAUER, JOERG, DE  
[72] HAAS, THOMAS, DE  
[72] HOFEN, WILLI, DE  
[72] VANHEERTUM, RUDOLF, DE  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2001-02-02  
[86] 1999-09-01 (PCT/US99/19980)  
[87] 2000-03-16 (WO00/14041)  
[30] US (60/099,235) 1998-09-04

[21] **2,339,504**  
[13] A1

[51] **Int.Cl. 7F02M 21/02 7F02M 43/02 7F02M 47/02 7F02M 43/04**  
[25] EN  
[54] **GASEOUS AND LIQUID FUEL INJECTOR**  
[54] **INJECTEUR DE CARBURANT LIQUIDE ET GAZEUX**  
[72] TOUCHETTE, ALAIN M. J., CA  
[72] BAKER, SIMON M., CA  
[72] DOUVILLE, BRADLEY D., CA  
[71] WESTPORT RESEARCH INC., CA  
[85] 2001-02-02  
[86] 1999-09-15 (PCT/CA99/00845)  
[87] 2000-03-23 (WO00/15956)  
[30] US (09/154,103) 1998-09-16

[21] **2,339,506**  
[13] A1

[51] **Int.Cl. 6A61B 5/04**  
[25] EN  
[54] **IMPLANTABLE MYOCARDIAL ISCHEMIA DETECTION, INDICATION AND ACTION TECHNOLOGY**  
[54] **ISCHEMIE MYOCARDIQUE: SYSTEME IMPLANTABLE DE DETECTION, DE COMMUNICATION ET D'INTERVENTION**  
[72] NITISH, V. THAKOR, US  
[72] ANANTH, NATARAJAN, US  
[71] INFINITE BIOMEDICAL TECHNOLOGIES, INCORPORATED, US  
[85] 2001-02-02  
[86] 1999-08-05 (PCT/US99/17847)  
[87] 2000-02-17 (WO00/07497)  
[30] US (60/095,635) 1998-08-07

[21] **2,339,556**  
[13] A1

[51] **Int.Cl. 6H04H 9/00 6E21B 33/00 6G01V 1/00 6G01V 3/00 6E21B 33/03 6E21B 7/04 6E21B 33/04 6E21B 33/047 6E21B 43/10 6E21B 34/16 6E21B 7/24 6H01R 4/60 6H01R 4/64**  
[25] EN  
[54] **DRILL STRING TELEMETRY WITH INSULATOR BETWEEN RECEIVER AND TRANSMITTER**  
[54] **APPAREIL DE TELEMETRIE DESTINE A UN TRAIN DE TIGES ET PRESENTANT UN ISOLANT ENTRE LE RECEPTEUR ET L'EMETTEUR**  
[72] MCCLURE, PAUL A., GB  
[71] WEATHERFORD/LAMB, INC., US  
[85] 2001-02-05  
[86] 1999-08-24 (PCT/US99/19125)  
[87] 2000-03-09 (WO00/13349)  
[30] GB (9818418.7) 1998-08-26

[21] **2,339,558**  
[13] A1

[51] **Int.Cl. 7F17C 1/08 7F17C 1/00**  
[25] EN  
[54] **HYDROSTATIC PRESSURE RETAINMENT SYSTEM**  
[54] **SYSTEME DE RETENTION DE FLUIDES SOUS PRESSION**  
[72] GARRETT, MICHAEL ERNEST, GB  
[72] SETLOCK, ROBERT JOSEPH JR., US  
[71] THE BOC GROUP PLC, GB  
[71] VESTEK LLC, US  
[85] 2001-02-05  
[86] 1999-08-06 (PCT/US99/17884)  
[87] 2000-02-17 (WO00/08375)  
[30] US (60/095,509) 1998-08-06

[21] **2,339,562**  
[13] A1

[51] **Int.Cl. 6C07D 471/04 6C07D 491/113 6C07D 471/14 6C07D 495/14 6A61K 31/435 6A61K 31/47**  
[25] EN  
[54] **1H-IMIDAZOPYRIDINE DERIVATIVES**  
[54] **DERIVES DE 1H-IMIDAZOPYRIDINE**  
[72] KATO, KEN-ICHI, JP  
[72] KATO, HIDEO, JP  
[72] IZUMI, TOMOYUKI, JP  
[72] SAKAGUCHI, JUN, JP  
[72] AOYAMA, MAKOTO, JP  
[71] HOKURIKU SEIYAKU CO., LTD., JP  
[85] 2001-02-05  
[86] 1999-08-12 (PCT/JP99/04381)  
[87] 2000-02-24 (WO00/09506)  
[30] JP (10/241062) 1998-08-12  
[30] JP (11/216125) 1999-07-30

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<p style="text-align: right;">[21] <b>2,339,573</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C23G 1/14 7C10M 173/00</b> [25] EN [54] <b>AGENT AND METHOD FOR MACHINING METAL AND FOR CLEANING METAL OR ANTICORROSION TREATMENT</b> [54] <b>AGENTS ET PROCEDES POUR L'USINAGE ET LE NETTOYAGE DES METAUX OU LEUR TRAITEMENT ANTICORROSION</b> [72] OLSCHER, HANS-PETER, DE [72] JOHANSSON, ANDERS, SE [72] GEKE, JURGEN, DE [71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE [85] 2001-02-05 [86] 1999-07-27 (PCT/EP99/05373) [87] 2000-02-17 (WO00/08236) [30] DE (198 35 328.6) 1998-08-05</p>	<p style="text-align: right;">[21] <b>2,339,575</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61B 17/04 7A61B 17/08 7A61B 17/12</b> [25] EN [54] <b>COLLAGEN TYPE I AND TYPE III HEMOSTATIC COMPOSITIONS FOR USE AS A VASCULAR SEALANT AND WOUND DRESSING</b> [54] <b>COMPOSITIONS HEMOSTATIQUES A BASE DE COLLAGENE DE TYPE I ET DE TYPE III, A UTILISER EN TANT QUE PRODUIT DE SCELLEMENT VASCULAIRE ET PANSEMENT</b> [72] YANG, CHUNLIN, US [72] KIVIRIKKO, KARI I., FI [72] NEFF, THOMAS B., US [72] POLAREK, JAMES W., US [71] FIBROGEN, INC., US [85] 2001-05-05 [86] 1999-08-10 (PCT/US99/18095) [87] 2000-02-24 (WO00/09018) [30] US (60/095,997) 1998-08-10</p>	<p style="text-align: right;">[21] <b>2,339,579</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12S 1/02</b> [25] EN [54] <b>IMPROVED MICROBIAL CATALYST FOR DESULFURIZATION OF FOSSIL FUELS</b> [54] <b>CATALYSEUR MICROBIEN AMELIORE DE DESULFURATION DE COMBUSTIBLES FOSSILES</b> [72] OLSON, GREGORY J., US [71] CLEAN DIESEL TECHNOLOGIES, INC., US [85] 2001-02-05 [86] 1999-08-10 (PCT/US99/18102) [87] 2000-02-24 (WO00/09761) [30] US (08/131,685) 1998-08-10</p>
<p style="text-align: right;">[21] <b>2,339,574</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E06B 9/322 7E06B 9/56</b> [25] EN [54] <b>SHADE OPERATOR WITH RELEASE BRAKE</b> [54] <b>DISPOSITIF D'ACTIONNEMENT DE STORE POURVU D'UN FREIN A DEBLOCAGE</b> [72] JUDKINS, REN, US [71] JUDKINS, REN, US [85] 2001-02-05 [86] 2000-08-08 (PCT/US00/40591) [87] 2001-02-15 (WO01/11177) [30] US (09/371,434) 1999-08-10</p>	<p style="text-align: right;">[21] <b>2,339,576</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C03B 37/027 6C03B 37/018</b> [25] EN [54] <b>CREATING SILICA SOOT WITH A PLUG-FREE SYSTEM</b> [54] <b>FORMATION DE SUIE DE SILICE A L'AIDE D'UN SYSTEME SANS BOUCHON</b> [72] HAWTOF, DANIEL W., US [72] WHALEN, JOSEPH M., US [72] STONE, JOHN III, US [71] CORNING INCORPORATED, US [85] 2001-02-05 [86] 1999-07-16 (PCT/US99/16176) [87] 2000-02-17 (WO00/07950) [30] US (60/095,735) 1998-08-07</p>	<p style="text-align: right;">[21] <b>2,339,596</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 7/50</b> [25] EN [54] <b>OPAQUE CONDITIONING COMPOSITION</b> [54] <b>COMPOSITION APRES-SHAMPOOING OPAQUE</b> [72] PYLES, DANIEL RAYMOND, US [71] UNILEVER PLC, GB [85] 2001-02-05 [86] 1999-07-29 (PCT/EP99/05481) [87] 2000-02-17 (WO00/07562) [30] US (09/130,956) 1998-08-07</p>
<p style="text-align: right;">[21] <b>2,339,578</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A01H 5/00 7A01H 1/00 7A01H 4/00 7C12N 15/00 7C12N 15/05 7C12N 15/10</b> [25] EN [54] <b>NOVEL GENETIC MATERIALS FOR TRANSMISSION INTO MAIZE</b> [54] <b>NOUVELLES MATIERES GENETIQUES DESTINEES A ETRE TRANSMISES AU MAIS</b> [72] EUBANKS, MARY WILKES, US [71] EUBANKS, MARY WILKES, US [85] 2001-02-05 [86] 1999-08-05 (PCT/US99/17716) [87] 2000-02-17 (WO00/07434) [30] US (60/095,400) 1998-08-05</p>	<p style="text-align: right;">[21] <b>2,339,597</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/34 6C07D 307/62</b> [25] EN [54] <b>ANTI-INFLAMMATION ANALGESIC PREPARATION</b> [54] <b>PREPARATION D'ANALGESIQUE ANTI-INFLAMMATOIRE</b> [72] NIYIRO, YASUNORI, JP [72] KODA, SHIGERU, JP [72] SUGIYAMA, SATORU, JP [71] NIPPON HYPOX LABORATORIES INC., JP [85] 2001-02-05 [86] 1999-08-10 (PCT/JP99/04308) [87] 2000-02-24 (WO00/09121) [30] JP (10/259088) 1998-08-10</p>	

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<p style="text-align: center;">[21] <b>2,339,599</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 33/543 7G01N 33/558</b> [25] EN [54] <b>ANALYTICAL TEST DEVICE AND METHOD</b> [54] <b>DISPOSITIF ET PROCEDE DE BIOANALYSE</b> [72] FREITAG, HELMUT E., GB [72] HARRINGTON, CHARLES A., US [72] SHI, QINWEI, CA [71] SPECTRAL DIAGNOSTICS, INC., CA [85] 2001-02-02 [86] 1999-08-06 (PCT/EP99/05712) [87] 2000-02-17 (WO00/08466) [30] US (09/130,164) 1998-08-06 [30] US (09/353,188) 1999-07-14 [30] US (09/353,190) 1999-07-14</p>	<p style="text-align: center;">[21] <b>2,339,605</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01Q 1/12</b> [25] EN [54] <b>USE OF ELECTRICALLY CONDUCTIVE CERAMIC PAINTS IN ANTENNA SYSTEMS</b> [54] <b>UTILISATION DE PEINTURES CERAMIQUES CONDUCTRICES DANS UN SYSTEME D'ANTENNES</b> [72] WINTER, JOHN A., US [72] BELLI, CHERYL E., US [72] BENSON, VERNON C., JR., US [71] PPG INDUSTRIES OHIO, INC., US [85] 2001-02-05 [86] 1999-07-30 (PCT/US99/17415) [87] 2000-02-17 (WO00/08708) [30] US (09/130,564) 1998-08-07</p>	<p style="text-align: center;">[21] <b>2,339,611</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01T 1/24</b> [25] EN [54] <b>DIRECT RADIOGRAPHIC IMAGING PANEL WITH SHIELDING ELECTRODE</b> [54] <b>PANNEAU D'IMAGERIE RADIOGRAPHIQUE DIRECTE AVEC ELECTRODE A BLINDAGE</b> [72] GOLDEN, KELLY P., US [72] JEROMIN, LOTHAR S., US [72] LEE, DENNY L. Y., US [71] DIRECT RADIOGRAPHY CORP., US [85] 2001-02-05 [86] 1999-10-12 (PCT/US99/23741) [87] 2000-04-27 (WO00/23820) [30] US (09/177,150) 1998-10-22</p>
<p style="text-align: center;">[21] <b>2,339,601</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C09J 7/02 7A47G 27/04 7B32B 27/12</b> [25] EN [54] <b>SELF-ADHESIVE FOIL</b> [54] <b>FEUILLE AUTO-ADHESIVE</b> [72] VANDEWEERDT, PATRICK, CH [72] SIEBER, MARCO, CH [72] SIEBER, RETO, CH [71] SILU VERWALTUNG AG, CH [85] 2001-02-02 [86] 1999-08-06 (PCT/EP99/05704) [87] 2000-02-17 (WO00/08111) [30] DE (198 35 919.5) 1998-08-07</p>	<p style="text-align: center;">[21] <b>2,339,607</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F16L 37/48</b> [25] EN [54] <b>ADAPTER COUPLING</b> [54] <b>ACCOUPEMENT ADAPTATEUR</b> [72] FREISEISEN, THOMAS, DE [72] FREISEISEN, CHRISTIAN, DE [71] FREISEISEN, THOMAS, DE [71] FREISEISEN, CHRISTIAN, DE [85] 2001-02-05 [86] 1999-08-05 (PCT/EP99/05680) [87] 2000-02-17 (WO00/08371) [30] DE (198 35 624.2) 1998-08-06 [30] DE (299 07 097.2) 1999-04-21</p>	<p style="text-align: center;">[21] <b>2,339,616</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B30B 9/32 6B65G 65/23</b> [25] EN [54] <b>AUTOMATED SYSTEM FOR HANDLING RETURNED DRINK CONTAINERS</b> [54] <b>SYSTEME AUTOMATIQUE DE MANIPULATION DE CONTENANTS DE BOISSONS RAPPORTES</b> [72] WIEGLUS, RICHARD W., US [71] TOMRA OF NORTH AMERICA, INC., US [85] 2001-02-05 [86] 1999-08-03 (PCT/US99/17525) [87] 2000-02-17 (WO00/07805) [30] US (09/130,190) 1998-08-04</p>
<p style="text-align: center;">[21] <b>2,339,603</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F21V 8/00</b> [25] EN [54] <b>EDGE-LIT ILLUMINATION SYSTEM</b> [54] <b>SYSTEME D'ECLAIRAGE PAR LA TRANCHE</b> [72] ALLINSON, HEATHER, GB [72] FORSTER, JOHN HENRY, GB [71] INEOS ACRYLICS UK LIMITED, GB [85] 2001-02-02 [86] 1999-09-01 (PCT/GB99/02880) [87] 2000-03-16 (WO00/14448) [30] GB (9819196.8) 1998-09-04</p>	<p style="text-align: center;">[21] <b>2,339,609</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C02F 1/32</b> [25] EN [54] <b>FLUID STERILIZATION APPARATUS</b> [54] <b>APPAREIL SERVANT A STERILISER UN LIQUIDE</b> [72] THORPE, GEORGE W., CA [71] INTERNATIONAL WATER-GUARD INDUSTRIES INC., CA [85] 2001-02-05 [86] 2000-06-05 (PCT/CA00/00674) [87] 2000-12-14 (WO00/75081) [30] CA (2,273,745) 1999-06-04</p>	<p style="text-align: center;">[21] <b>2,339,617</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08F 8/00 7H01M 10/40</b> [25] EN [54] <b>COMPOSITIONS SUITABLE FOR ELECTROCHEMICAL CELLS</b> [54] <b>COMPOSITIONS POUR PILES ELECTROCHIMIQUES</b> [72] DOTTER, GERHARD, DE [72] BLUM, RAINER, DE [72] MOHWALD, HELMUT, DE [72] KELLER, PETER, DE [72] BRONSTERT, BERND, DE [72] BAUER, STEPHAN, DE [71] BASF AKTIENGESSELLSCHAFT, DE [85] 2001-02-05 [86] 1999-08-06 (PCT/EP99/05702) [87] 2000-02-17 (WO00/08068) [30] DE (198 35 615.3) 1998-08-06</p>

## Demandes PCT entrant en phase nationale

[21] **2,339,618**  
[13] A1

[51] **Int.Cl. 7C07B 53/00 7C07B 57/00 7C07C 41/03 7C07C 33/035 7C07C 29/10 7C07C 31/20 7C07C 43/23 7C07C 33/26 7C07D 301/32 7C07C 31/42**

[25] EN

[54] **STEREOSELECTIVE RING OPENING REACTIONS**

[54] **REACTIONS**

**STEREOSELECTIVES D'OUVERTURE DE CYCLE**

[72] LARROW, JAY F., US

[72] TOKUNAGA, MAKOTO, JP

[72] JACOBSEN, ERIC N., US

[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US

[85] 2001-02-05

[86] 1999-08-13 (PCT/US99/18305)

[87] 2000-02-24 (WO00/09463)

[30] US (09/134,393) 1998-08-14

[21] **2,339,760**  
[13] A1

[51] **Int.Cl. 7E04H 15/50**

[25] EN

[54] **ERECTABLE SHELTER WITH GABLE ROOF**

[54] **ABRI A MONTER, DOTE D'UN TOIT A PIGNON**

[72] CARTER, MARK C., US

[71] CARTER, MARK C., US

[85] 2001-02-06

[86] 1999-07-09 (PCT/US99/15497)

[87] 2000-02-17 (WO00/08277)

[30] US (09/131,148) 1998-08-07

[21] **2,339,761**  
[13] A1

[51] **Int.Cl. 7C07D 213/42 7C07D 215/12 7C07D 241/12 7C07D 401/12 7C07D 417/12 7C07D 333/20 7C07D 295/22 7C07D 239/42 7A61K 31/44 7A61K 31/495 7C07D 213/74**

[25] EN

[54] **ARYLPIPERAZINES AND THEIR USE AS METALLOPROTEINASE INHIBITING AGENTS (MMP)**

[54] **ARYLPIPERAZINES ET LEUR EMPLOI COMME INHIBITEURS DES METALLOPROTEINASES**

[72] WATERSON, DAVID, GB

[72] TUCKER, HOWARD, GB

[72] NEWCOMBE, NICHOLAS JOHN, GB

[72] BARLAAM, BERNARD

CHRISTOPHE, US

[71] ASTRAZENECA AB, SE

[85] 2001-02-06

[86] 1999-08-25 (PCT/GB99/02801)

[87] 2000-03-09 (WO00/12478)

[30] EP (98402144.4) 1998-08-31

[30] EP (99401351.4) 1999-06-04

[21] **2,339,762**  
[13] A1

[51] **Int.Cl. 7C07C 11/02 7C10G 11/22 7C07C 5/48 7B01J 23/56 7B01J 23/92**

[25] EN

[54] **AUTOTHERMAL PROCESS FOR THE PRODUCTION OF OLEFINS**

[54] **PROCEDE AUTOTHERMIQUE**

**PERMETTANT DE PRODUIRE DES**

**OLEFINES**

[72] SCHMIDT, LANNY D., US

[72] BODKE, ASHISH, US

[71] THE DOW CHEMICAL COMPANY, US

[85] 2001-02-06

[86] 1999-09-01 (PCT/US99/20062)

[87] 2000-03-16 (WO00/14180)

[30] US (60/099,042) 1998-09-03

[21] **2,339,763**  
[13] A1

[51] **Int.Cl. 7B62D 5/09 7B62D 13/04**

[25] EN

[54] **ROTATING OLEODYNAMIC DISTRIBUTION SYSTEM FOR THE STEERING OF REAR AXLES OF VEHICLES**

[54] **SYSTEME DE DISTRIBUTION**

**OLEODYNAMIQUE ROTATIF**

**DESTINE A LA DIRECTION D'ESSIEUX ARRIERE DE VEHICULES**

[72] BIONDI, ARMANDO, IT

[71] BIONDI, ARMANDO, IT

[85] 2001-02-06

[86] 1999-07-30 (PCT/IT99/00253)

[87] 2000-02-17 (WO00/07866)

[30] IT (VR98A000072) 1998-08-07

[21] **2,339,765**  
[13] A1

[51] **Int.Cl. 7C07C 233/25 7A61K 47/18 7C07C 237/36 7C07C 237/40**

[25] EN

[54] **COMPOUNDS AND COMPOSITIONS FOR DELIVERING ACTIVE AGENTS**

[54] **COMPOSES ET COMPOSITIONS POUR L'ADMINISTRATION DE PRINCIPES ACTIFS**

[72] WANG, ERIC, US

[72] HO, KOC-KAN, US

[72] ERRIGO, LYNN, US

[72] WANG, NAI FANG, US

[72] PRESS, JEFFREY BRUCE, US

[72] GSCHNEIDNER, DAVID, US

[72] LEONE-BAY, ANDREA, US

[72] TANG, PINHWAH, US

[71] EMISPHERE TECHNOLOGIES, INC., US

[85] 2001-02-06

[86] 1999-08-06 (PCT/US99/17974)

[87] 2000-02-17 (WO00/07979)

[30] US (60/095,778) 1998-08-07

[30] US (60/098,500) 1998-08-31

[30] US (60/108,366) 1998-11-13

[30] US (60/119,207) 1999-02-05



## PCT Applications Entering the National Phase

[21] **2,339,767**  
[13] A1

[51] **Int.Cl. 7G06F 15/00**  
[25] EN  
[54] **A MULTI-SOURCED EXTENSIBLE PUBLISHING AND EDITORIAL SYSTEM AND RELATED METHODS**  
[54] **SYSTEME DE PUBLICATION ET D'EDITION EXTENSIBLE**  
**MULTISOURCE ET PROCEDES CORRESPONDANTS**  
[72] BRONSTEIN, KENNETH H., US  
[72] BRYAN, SHANE A., US  
[72] GUPTA, ALOKE, US  
[71] HEWLETT-PACKARD COMPANY, US  
[85] 2001-02-06  
[86] 2000-06-01 (PCT/US00/15126)  
[87] 2000-12-14 (WO00/75798)  
[30] US (09/325,040) 1999-06-07

[21] **2,339,768**  
[13] A1

[51] **Int.Cl. 7H04N 1/00**  
[25] EN  
[54] **DOCUMENT DELIVERY SYSTEM FOR AUTOMATICALLY PRINTING A DOCUMENT ON A PRINTING DEVICE**  
[54] **SYSTEME DE TRANSFERT DE DOCUMENT PERMETTANT L'IMPRESSION AUTOMATIQUE D'UN DOCUMENT SUR UN DISPOSITIF D'IMPRESSION**  
[72] GUPTA, ALOKE, US  
[72] SMITH, DONALD X., II, US  
[72] BRONSTEIN, KENNETH H., US  
[72] VAN ZEE, PIETER J., US  
[71] HEWLETT-PACKARD COMPANY, US  
[85] 2001-02-06  
[86] 2000-06-01 (PCT/US00/15120)  
[87] 2000-12-14 (WO00/76198)  
[30] US (09/325,040) 1999-06-07  
[30] US (09/495,013) 2000-01-31

[21] **2,339,772**  
[13] A1

[51] **Int.Cl. 6G08G 1/16**  
[25] EN  
[54] **A VEHICLE PRESENCE DETECTION SYSTEM**  
[54] **SYSTEME DE DETECTION DE LA PRESENCE D'UN VEHICULE**  
[72] MULLIN, EUGENE, US  
[72] DE RENZI, CHARLES S., US  
[72] BADER, CLIFFORD J., US  
[72] BRODEUR, RONALD E., US  
[71] 3461513 CANADA INC., CA  
[85] 2001-02-06  
[86] 1999-08-06 (PCT/IB99/01394)  
[87] 2000-02-17 (WO00/08618)  
[30] US (60/095,715) 1998-08-07

[21] **2,339,773**  
[13] A1

[51] **Int.Cl. 7C07D 263/32 7C07D 413/12 7C07D 417/12 7C07D 277/24 7A61K 31/421 7A61K 31/422 7A61K 31/426 7A61K 31/427**  
[25] EN  
[54] **SUBSTITUTED OXAZOLES AND THIAZOLES DERIVATIVES AS HPPAR GAMMA AND HPPAR ALPHA ACTIVATORS**  
[54] **OXAZOLES SUBSTITUES ET DERIVES DE THIAZOLES COMME ACTIVEURS DE ALPHA HPPAR ET DE GAMMA HPPAR**  
[72] WILLSON, TIMOTHY MARK, US  
[72] OPLINGER, JEFFREY ALAN, US  
[72] DEZUBE, MILANA, US  
[72] COLLINS, JON LOREN, US  
[71] GLAXO GROUP LIMITED, GB  
[85] 2001-02-06  
[86] 1999-08-05 (PCT/EP99/05666)  
[87] 2000-02-17 (WO00/08002)  
[30] GB (9817118.4) 1998-08-07

[21] **2,339,774**  
[13] A1

[51] **Int.Cl. 7B65D 1/34 7B31B 43/00**  
[25] EN  
[54] **SELECTIVELY REINFORCED MULTI-PLY FOOD CONTAINER**  
[54] **CONTENANT ALIMENTAIRE A PLIS MULTIPLES AVEC RENFORT SELECTIF**  
[72] HALL, BRUCE NEIL, US  
[72] TOUSSANT, JOHN WILLIAM, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-02-06  
[86] 1999-08-27 (PCT/US99/19860)  
[87] 2000-03-09 (WO00/12392)  
[30] US (09/143,003) 1998-08-28

[21] **2,339,775**  
[13] A1

[51] **Int.Cl. 7C07C 49/255 7A61K 31/085 7A61K 31/09 7A61K 31/12 7C07D 303/22 7C07C 43/23 7A61K 31/336**  
[25] EN  
[54] **VITAMIN D3 MIMICS**  
[54] **SUBSTANCES MIMETIQUES DE VITAMINE D3**  
[72] ALLEGRETTO, ELIZABETH A., US  
[72] NADZAN, ALEX M., US  
[72] BOEHM, MARCUS F., US  
[71] LIGAND PHARMACEUTICALS INCORPORATED, US  
[85] 2001-02-06  
[86] 1999-08-12 (PCT/US99/18502)  
[87] 2000-03-02 (WO00/10958)  
[30] US (09/139,040) 1998-08-24

[21] **2,339,776**  
[13] A1

[51] **Int.Cl. 6G02C 7/04 6A61F 2/16**  
[25] EN  
[54] **MULTIFOCAL ASPHERIC LENS**  
[54] **LENTILLES MULTIFOCALES ASPHERIQUES**  
[72] LETT, JOHN B. W., US  
[71] LETT, JOHN B. W., US  
[85] 2001-02-06  
[86] 1999-08-05 (PCT/US99/17390)  
[87] 2000-02-17 (WO00/08516)  
[30] US (60/095,601) 1998-08-06

[21] **2,339,778**  
[13] A1

[51] **Int.Cl. 7E02B 3/04**  
[25] EN  
[54] **METHOD OF FORMING AN ARTIFICIAL REEF UNIT**  
[54] **PROCEDE DE FORMATION D'UN RECIF ARTIFICIEL**  
[72] HALL, ALETHEA ROSALIND MELANIE, ZA  
[71] HALL, ALETHEA ROSALIND MELANIE, ZA  
[85] 2001-02-06  
[86] 1999-08-06 (PCT/IB99/01397)  
[87] 2000-02-17 (WO00/08260)  
[30] ZA (98/7132) 1998-08-07

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<p style="text-align: right;">[21] <b>2,339,780</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B01D 21/28 7B01F 3/00 7C02F 1/00 7A01K 61/00 7B01D 17/025 7C02F 3/10 7B01J 19/32</b></p> <p>[25] EN</p> <p>[54] <b>APPARATUS FOR CIRCULATING A FLUID</b></p> <p>[54] <b>APPAREIL DE CIRCULATION D'UN FLUIDE</b></p> <p>[72] HALL, ALETHEA ROSALIND MELANIE, ZA</p> <p>[71] HALL, ALETHEA ROSALIND MELANIE, ZA</p> <p>[85] 2001-02-06</p> <p>[86] 1999-08-06 (PCT/IB99/01396)</p> <p>[87] 2000-02-17 (WO00/07689)</p> <p>[30] ZA (98/7133) 1998-08-07</p>	<p style="text-align: right;">[21] <b>2,339,785</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04N 5/91</b></p> <p>[25] EN</p> <p>[54] <b>VIDEO DATA RECORDER WITH INTEGRATED CHANNEL GUIDES</b></p> <p>[54] <b>ENREGISTREUR DE DONNEES VIDEO AVEC GUIDE DE CANAL INTEGRE</b></p> <p>[72] WOOD, ANTHONY, US</p> <p>[72] WOODWARD, DONALD JR., US</p> <p>[71] REPLAYTV, INC., US</p> <p>[85] 2001-02-06</p> <p>[86] 1999-08-06 (PCT/US99/17797)</p> <p>[87] 2000-02-17 (WO00/08852)</p> <p>[30] US (09/130,994) 1998-08-07</p>	<p style="text-align: right;">[21] <b>2,340,457</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/12 7C12N 1/21 7C07K 16/28 7G01N 33/68 7C12Q 1/68 7C07K 14/705</b></p> <p>[25] EN</p> <p>[54] <b>14400 RECEPTOR, A G-PROTEIN COUPLED RECEPTOR</b></p> <p>[54] <b>RECEPTEUR COUPLE A LA PROTEINE G, DIT RECEPTEUR 14400</b></p> <p>[72] GLUCKSMANN, MARIA ALEXANDRA, US</p> <p>[72] WEICH, NADINE S., US</p> <p>[71] MILLENIUM PHARMACEUTICALS, INC., US</p> <p>[85] 2001-02-19</p> <p>[86] 1999-08-20 (PCT/US99/19112)</p> <p>[87] 2000-03-02 (WO00/11170)</p> <p>[30] US (09/137,063) 1998-08-20</p> <p>[30] US (09/378,100) 1999-08-20</p>
<p style="text-align: right;">[21] <b>2,339,782</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01N 33/02</b></p> <p>[25] EN</p> <p>[54] <b>POLYAMINE TREATMENT OF NEUROLOGICAL DISORDERS</b></p> <p>[54] <b>TRAITEMENT DE TROUBLES NEUROLOGIQUES AU MOYEN DEPOLYAMINES</b></p> <p>[72] MURPHY, MICHAEL A., US</p> <p>[71] MURPHY, MICHAEL A., US</p> <p>[85] 2001-02-06</p> <p>[86] 1998-08-21 (PCT/US98/17301)</p> <p>[87] 1999-02-25 (WO99/08519)</p> <p>[30] US (08/915,660) 1997-08-21</p>	<p style="text-align: right;">[21] <b>2,339,787</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04N 5/76</b></p> <p>[25] EN</p> <p>[54] <b>VIDEO DATA RECORDER FOR RECORDING PREDEFINED FORMAT SHOWS</b></p> <p>[54] <b>ENREGISTREUR DE DONNEES VIDEO PERMETTANT D'ENREGISTRER DES SPECTACLES A FORMAT PREDEFINI</b></p> <p>[72] WOOD, ANTHONY, US</p> <p>[72] WOODWARD, DONALD JR., US</p> <p>[71] REPLAYTV, INC., US</p> <p>[85] 2001-02-06</p> <p>[86] 1999-08-06 (PCT/US99/17796)</p> <p>[87] 2000-02-17 (WO00/08849)</p> <p>[30] US (09/131,092) 1998-08-07</p>	<p style="text-align: right;">[21] <b>2,340,458</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12Q 1/68</b></p> <p>[25] EN</p> <p>[54] <b>FLUORESCENCE POLARIZATION IN NUCLEIC ACID ANALYSIS</b></p> <p>[54] <b>POLARISATION DE FLUORESCENCE UTILISEE DANS L'ANALYSE D'ACIDES NUCLEIQUES</b></p> <p>[72] LEVINE, LEANNA, US</p> <p>[72] KWOK, PUI-YAN, US</p> <p>[72] CHEN, XIANGNING, US</p> <p>[71] MONSANTO COMPANY, US</p> <p>[71] WASHINGTON UNIVERSITY, US</p> <p>[85] 2001-02-20</p> <p>[86] 1999-08-19 (PCT/US99/18884)</p> <p>[87] 2000-03-02 (WO00/11220)</p> <p>[30] US (09/137,826) 1998-08-21</p>
<p style="text-align: right;">[21] <b>2,339,784</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04N 5/76</b></p> <p>[25] EN</p> <p>[54] <b>VIDEO DATA RECORDER WITH PERSONAL CHANNELS</b></p> <p>[54] <b>ENREGISTREUR VIDEO AVEC CANAUX PERSONNALISES</b></p> <p>[72] KESSLER, EDWARD, US</p> <p>[72] WOODWARD, DONALD JR., US</p> <p>[72] WOOD, ANTHONY, US</p> <p>[71] REPLAYTV, INC., US</p> <p>[85] 2001-02-06</p> <p>[86] 1999-08-06 (PCT/US99/17891)</p> <p>[87] 2000-02-17 (WO00/08850)</p> <p>[30] US (09/131,091) 1998-08-07</p>	<p style="text-align: right;">[21] <b>2,339,789</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04N 5/91</b></p> <p>[25] EN</p> <p>[54] <b>METHOD AND APPARATUS FOR FAST FORWARDING AND REWINDING IN A VIDEO RECORDING DEVICE</b></p> <p>[54] <b>PROCEDE ET APPAREIL D'AVANCE RAPIDE OU DE REMBOBINAGE DANS UN DISPOSITIF D'ENREGISTREMENT VIDEO</b></p> <p>[72] WOODWARD, DONALD JR., US</p> <p>[72] SHANNON, DOUG, US</p> <p>[72] WOOD, ANTHONY, US</p> <p>[71] REPLAYTV, INC., US</p> <p>[85] 2001-02-06</p> <p>[86] 1999-08-06 (PCT/US99/17792)</p> <p>[87] 2000-02-17 (WO00/08851)</p> <p>[30] US (09/130,994) 1998-08-07</p> <p>[30] US (09/131,092) 1998-08-07</p> <p>[30] US (09/131,091) 1998-08-07</p> <p>[30] US (09/290,374) 1999-04-12</p>	<p style="text-align: right;">[21] <b>2,340,459</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/63 7C07K 14/27 7C12Q 1/68</b></p> <p>[25] EN</p> <p>[54] <b>C-MYC IS ACTIVATED BY BETA-CATENIN AND TCF-4</b></p> <p>[54] <b>C-MYC EST ACTIVE PAR LA BETA-CATENINE ET TCF-4</b></p> <p>[72] KINZLER, KENNETH W., US</p> <p>[72] VOGELSTEIN, BERT, US</p> <p>[72] HE, TONG-CHUAN, US</p> <p>[71] THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE, US</p> <p>[85] 2001-02-20</p> <p>[86] 1999-08-20 (PCT/US99/18774)</p> <p>[87] 2000-03-02 (WO00/11195)</p> <p>[30] US (09/136,605) 1998-08-20</p>

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[13] A1  
[51] **Int.Cl. 7C07K 14/81 7C12N 15/10 7C12N 15/52 7C12Q 1/68**  
[25] EN  
[54] **A MUTANT OF TISSUE FACTOR PATHWAY INHIBITOR, DNA SEQUENCE AND USE FOR DETECTING THROMBOTIC DISORDERS**  
[54] **MUTANT DE L'INHIBITEUR DE LA VOIE DE LA THROMBOPLASTINE TISSULAIRE, SA SEQUENCE D'ADN ET SON UTILISATION**  
[72] GOETTING, CHRISTIAN, DE  
[72] SCHMIDT, MICHAEL, DE  
[72] BRINKMANN, THOMAS, DE  
[72] PROHASKA, WOLFGANG, DE  
[72] KLEESIEK, KNUT, DE  
[71] KLEESIEK, KNUT, DE  
[85] 2001-02-16  
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[30] EP (98115957.7) 1998-08-25

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[13] A1  
[51] **Int.Cl. 7A61K 7/50 7A61K 7/06**  
[25] EN  
[54] **CONDITIONING COMPOSITIONS**  
[54] **COMPOSITIONS DE CONDITIONNEMENT**  
[72] PYLES, DANIEL RAYMOND, US  
[71] UNILEVER PLC, GB  
[85] 2001-02-14  
[86] 1999-08-18 (PCT/EP99/06096)  
[87] 2000-03-02 (WO00/10524)  
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[13] A1  
[51] **Int.Cl. 7C07H 13/06 7A61K 31/70**  
[25] EN  
[54] **PHOSPHOGLYCOLIPID AND METHODS FOR ITS USE**  
[54] **PHOSPHOGLYCOLIPIDE ET SES METHODES D'UTILISATION**  
[72] WEBER, PATRICIA A., US  
[72] SOWELL, C. GREGORY, US  
[72] ELLIOTT, GARY T., US  
[71] CORIXA CORPORATION, US  
[85] 2001-02-14  
[86] 1999-08-18 (PCT/US99/19063)  
[87] 2000-03-02 (WO00/11010)  
[30] US (09/138,305) 1998-08-21

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[13] A1  
[51] **Int.Cl. 7F01K 23/06 7F02C 3/28**  
[25] EN  
[54] **GAS AND STEAM TURBINE UNIT**  
[54] **INSTALLATION DE TURBINE A GAZ ET A VAPEUR**  
[72] HANNEMANN, FRANK, DE  
[72] SCHIFFERS, ULRICH, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2001-02-15  
[86] 1999-08-04 (PCT/DE99/02440)  
[87] 2000-03-02 (WO00/11325)  
[30] DE (198 37 251.5) 1998-08-17

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[13] A1  
[51] **Int.Cl. 7A61F 2/06**  
[25] EN  
[54] **SHAPE MEMORY TUBULAR STENT**  
[54] **EXTENSEUR TUBULAIRE A MEMOIRE DE FORME**  
[72] WARAM, THOMAS C., CA  
[72] UNSWORTH, JOHN D., CA  
[71] UNSWORTH, JOHN D., CA  
[85] 2001-02-15  
[86] 1999-08-20 (PCT/CA99/00767)  
[87] 2000-03-02 (WO00/10485)  
[30] US (09/137,953) 1998-08-21

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[13] A1  
[51] **Int.Cl. 7A61L 29/08 7A61L 31/10 7A61L 29/16 7A61L 31/16**  
[25] EN  
[54] **COATED IMPLANTABLE MEDICAL DEVICE**  
[54] **DISPOSITIF MEDICAL ENROBE IMPLANTABLE**  
[72] KOZMA, THOMAS G., US  
[72] VOORHEES, WILLIAM D., III, US  
[72] RAGHEB, ANTHONY O., US  
[72] BATES, BRIAN L., US  
[72] FEARNOT, NEAL E., US  
[71] COOK INCORPORATED, US  
[85] 2001-02-15  
[86] 1999-08-20 (PCT/US99/19196)  
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[30] US (60/097,231) 1998-08-20

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[13] A1  
[51] **Int.Cl. 7G01N 33/18**  
[25] EN  
[54] **APPARATUS AND METHOD FOR MEASURING NOX AND NITRIFICATION/DENITRIFICATION RATES IN BIOCHEMICAL PROCESSES**  
[54] **APPAREIL ET PROCEDE DE MESURE DU NOX ET DU TAUX DE NITRIFICATION/DENITRIFICATION DANS DES PROCESSUS BIOCHIMIQUES**  
[72] MANESHIN, SERGEY K., US  
[72] LEE, JAW FANG, US  
[72] KOLB, MARCUS E., US  
[72] YANG, XIN, US  
[71] BIOCHEM TECHNOLOGY, INC., US  
[85] 2001-02-15  
[86] 1999-08-04 (PCT/US99/17601)  
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[30] US (09/136,105) 1998-08-18

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[13] A1  
[51] **Int.Cl. 7H01M 2/08 7H01M 2/12 7H01M 2/32**  
[25] EN  
[54] **ELECTROCHEMICAL CELL HAVING LOW PROFILE SEAL ASSEMBLY**  
[54] **CELLULE ELECTROCHIMIQUE AVEC ENSEMBLE D'ETANCHEITE SURBAISSE**  
[72] SONDECKER, GEORGE R., US  
[72] TUCHOLSKI, GARY R., US  
[71] EVEREADY BATTERY COMPANY, INC., US  
[85] 2001-02-14  
[86] 1999-08-16 (PCT/US99/18606)  
[87] 2000-03-02 (WO00/11735)  
[30] US (60/097,445) 1998-08-21  
[30] US (60/102,951) 1998-10-02  
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## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,340,660</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01M 2/02 7H01M 6/08</b> [25] EN [54] <b>BATTERY CONSTRUCTIONS HAVING INCREASED INTERNAL VOLUME FOR ACTIVE COMPONENTS</b> [54] <b>CONSTRUCTIONS DE BATTERIE PRESENTANT UN VOLUME INTERNE ACCRU POUR COMPOSANTS ACTIFS</b> [72] TUCHOLSKI, GARY R., US [71] EVEREADY BATTERY COMPANY, INC., US [85] 2001-02-14 [86] 1999-08-17 (PCT/US99/18651) [87] 2000-03-02 (WO00/11732) [30] US (60/097,445) 1998-08-21 [30] US (60/102,951) 1998-10-02 [30] US (09/293,376) 1999-04-16</p>	<p style="text-align: right;">[21] <b>2,340,681</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B67D 3/04</b> [25] EN [54] <b>DISPENSING DEVICE FOR A LIQUID CONTAINER</b> [54] <b>DISPOSITIF DISTRIBUTEUR DESTINE A UN RECIPIENT POUR FLUIDES</b> [72] STEIGER, ARTHUR, CH [71] KUNSTSTOFFWERK + FORMENBAU ARTHUR STEIGER AG, CH [85] 2001-02-14 [86] 1999-08-19 (PCT/EP99/06078) [87] 2000-03-02 (WO00/10908) [30] DE (198 37 947.1) 1998-08-21</p>	<p style="text-align: right;">[21] <b>2,340,699</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 7/06 7A61K 7/135 7A61K 7/50</b> [25] EN [54] <b>A COMPOSITION FOR LIGHTENING AND HIGHLIGHTING HAIR</b> [54] <b>COMPOSITION DE DECOLORATION ET D'ECLAIRCISSEMENT DE CHEVEUX</b> [72] PYLES, DANIEL RAYMOND, US [72] NEWELL, GERALD PATRICK, US [71] UNILEVER PLC, GB [85] 2001-02-15 [86] 1999-08-18 (PCT/EP99/06097) [87] 2000-03-02 (WO00/10515) [30] US (09/138189) 1998-08-21</p>
<p style="text-align: right;">[21] <b>2,340,673</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 35/36 7A61K 48/00 7A61K 49/00 7C12N 15/09 7C12N 15/10 7C12N 15/11 7C12N 15/12 7C12N 15/19 7C12N 15/24 7C12P 19/30 7C12P 19/34 7C12Q 1/68</b> [25] EN [54] <b>METHOD FOR DETECTION OF BIOLOGICAL FACTORS IN EPIDERMIS</b> [54] <b>DETECTION DE FACTEURS BIOLOGIQUES DANS L'EPIDERME</b> [72] RHEINS, LAWRENCE A., US [72] MORHENN, VERA B., US [71] CALIFORNIA SKIN RESEARCH INSTITUTE, US [85] 2001-02-15 [86] 1999-08-17 (PCT/US99/19012) [87] 2000-03-02 (WO00/10579) [30] US (60/097,025) 1998-08-18</p>	<p style="text-align: right;">[21] <b>2,340,684</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01M 4/75 7H01M 2/02 7H01M 6/08</b> [25] EN [54] <b>BATTERY CONSTRUCTIONS HAVING REDUCED COLLECTOR ASSEMBLY VOLUME</b> [54] <b>CONSTRUCTIONS DE BATTERIE PRESENTANT UN VOLUME D'ENSEMBLE COLLECTEUR REDUIT</b> [72] TUCHOLSKI, GARY R., US [71] EVEREADY BATTERY COMPANY, INC., US [85] 2001-02-14 [86] 1999-08-17 (PCT/US99/18686) [87] 2000-03-02 (WO00/11740) [30] US (60/097,445) 1998-08-21 [30] US (60/102,951) 1998-10-02 [30] US (09/293,678) 1999-04-16</p>	<p style="text-align: right;">[21] <b>2,340,714</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 33/22 7G01N 29/02</b> [25] EN [54] <b>MEASURING ENERGY CONSUMPTION</b> [54] <b>MESURE DE LA CONSOMMATION D'ENERGIE</b> [72] THURSTON, ROBERT RICHARD, GB [72] HAMMOND, PAUL STEVEN, GB [72] PRICE, BARRY LEONARD, GB [71] LATTICE INTELLECTUAL PROPERTY LIMITED, GB [85] 2001-02-15 [86] 1999-08-20 (PCT/GB99/02714) [87] 2000-03-02 (WO00/11465) [30] GB (9818388.2) 1998-08-25</p>
<p style="text-align: right;">[21] <b>2,340,674</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F22B 37/32</b> [25] EN [54] <b>SEPARATOR FOR A WATER-STEAM SEPARATING DEVICE</b> [54] <b>SEPARATEUR DESTINE A UN DISPOSITIF SEPARATEUR D'EAU ET DE VAPEUR</b> [72] SCHMIDT, HOLGER, DE [72] WITTCHOW, EBERHARD, DE [71] SIEMENS AKTIENGESELLSCHAFT, DE [85] 2001-02-15 [86] 1999-08-05 (PCT/DE99/02434) [87] 2000-03-02 (WO00/11401) [30] DE (198 37 250.7) 1998-08-17</p>	<p style="text-align: right;">[21] <b>2,340,694</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 3/033 7G06F 3/03</b> [25] EN [54] <b>TOUCH PANEL</b> [54] <b>ECRAN TACTILE</b> [72] TANAKA, YOSHIKAZU, JP [72] INOUE, SATOSHI, JP [71] TOUCH PANEL SYSTEMS CORPORATION, JP [85] 2001-02-14 [86] 1999-08-11 (PCT/JP99/04375) [87] 2000-03-02 (WO00/11543) [30] JP (10-231931) 1998-08-18</p>	<p style="text-align: right;">[21] <b>2,340,716</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04J 9/00 7H04B 7/00 7H04Q 7/00 7H04L 5/04 7H04B 1/06 7H04B 7/208 7H04B 7/216</b> [25] EN [54] <b>STACKED-CARRIER DISCRETE MULTIPLE TONE COMMUNICATION TECHNOLOGY</b> [54] <b>TECHNOLOGIE DMT A EMPLEMENT DE PORTEUSES</b> [72] AGEE, BRIAN G., US [71] BEAMREACH NETWORKS, INC., US [85] 2001-02-15 [86] 1998-08-18 (PCT/US98/17063) [87] 2000-03-02 (WO00/11823)</p>

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,340,723</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06K 9/00</b> [25] EN [54] <b>HANDWRITING DEVICE WITH DETECTION SENSORS FOR ABSOLUTE AND RELATIVE POSITIONING</b> [54] <b>INSTRUMENT D'ECRITURE A CAPTEURS DE DETECTION PERMETTANT DE DETERMINER UN POSITIONNEMENT ABSOLU ET RELATIF</b> [72] PITTEL, ARKADY, US [72] SCHILLER, ILVA, US [71] DIGITAL INK, INC., US [85] 2001-02-15 [86] 1999-08-18 (PCT/US99/18910) [87] 2000-03-02 (WO00/11596) [30] US (60/096,988) 1998-08-18 [30] US (60/142,200) 1999-07-01 [30] US (60/142,201) 1999-07-01</p>	<p style="text-align: right;">[21] <b>2,340,729</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C10L 3/00</b> [25] EN [54] <b>GAS ODORIZATION METHOD</b> [54] <b>PROCEDE DESTINE A CONFERER UNE ODEUR A UN GAZ</b> [72] MANSFELD, GERD, DE [72] ROHDE, UTE, DE [72] KAESLER, HERIBERT, DE [72] HENKE, FRITZ, DE [71] HAARMANN &amp; REIMER GMBH, DE [71] RUHRGAS AKTIENGESELLSCHAFT, DE [85] 2001-02-14 [86] 1999-08-04 (PCT/EP99/05639) [87] 2000-03-02 (WO00/11120) [30] DE (198 37 066.0) 1998-08-17</p>	<p style="text-align: right;">[21] <b>2,340,738</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07C 69/76 7C07C 67/303 7C07C 67/313 7C07C 67/343 7C07C 51/353 7C07C 51/36 7C07C 51/373 7C07C 62/38 7C07C 63/68 7C07C 69/757</b> [25] EN [54] <b>SUBSTITUTED CINNAMIC ACIDS AND CINNAMIC ACID ESTERS</b> [54] <b>ACIDES CINNAMIQUES ET ESTERS D'ACIDE CINNAMIQUE SUBSTITUES</b> [72] LANGE, WALTER, DE [72] KOMOSCHINSKI, JOACHIM, DE [72] STEFFAN, GUIDO, DE [72] KYSELA, ERNST, DE [71] BAYER AKTIENGESELLSCHAFT, DE [85] 2001-02-14 [86] 1999-08-09 (PCT/EP99/05735) [87] 2000-03-02 (WO00/10963) [30] DE (198 37 069.5) 1998-08-17</p>
<p style="text-align: right;">[21] <b>2,340,724</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 7/38</b> [25] EN [54] <b>SYSTEM NETWORK AND METHOD FOR THE TRANSFERENCE OF CELL HANDOVER INFORMATION</b> [54] <b>RESEAU DE SYSTEMES ET TECHNIQUE AFFERENTE DE ROUTAGE D'UNE INFORMATION DE TRANSFERT DE CELLULE</b> [72] SCHON, ERIK, SE [72] WILLARS, PER, SE [72] RUNE, GORAN, SE [72] PALM, HAKAN, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2001-02-15 [86] 1999-08-13 (PCT/SE99/01373) [87] 2000-03-02 (WO00/11878) [30] US (09/136,696) 1998-08-19</p>	<p style="text-align: right;">[21] <b>2,340,736</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B41F 31/08</b> [25] EN [54] <b>METHOD AND APPARATUS FOR DISPENSING INK TO A PRINTING PRESS</b> [54] <b>PROCEDE ET APPAREIL D'APPORT D'ENCRE A UNE PRESSE A IMPRIMER</b> [72] RYAN, GARTH S., US [71] WALTER STOBBS ASSOCIATES, INC., US [85] 2001-02-15 [86] 1999-08-04 (PCT/US99/17679) [87] 2000-03-02 (WO00/10810) [30] US (09/135,996) 1998-08-18</p>	<p style="text-align: right;">[21] <b>2,340,743</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A01K 61/00</b> [25] EN [54] <b>SILO PLATFORM FOR FISH FARMING</b> [54] <b>PLATE-FORME SILO POUR FERMES PISCICOLES</b> [72] VANGEN, KNUT, NO [71] VANGEN, KNUT, NO [85] 2001-02-14 [86] 1999-08-23 (PCT/NO99/00265) [87] 2000-03-02 (WO00/10381) [30] NO (P1998 3908) 1998-08-25</p>
<p style="text-align: right;">[21] <b>2,340,737</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C10M 141/10</b> [25] EN [54] <b>LUBRICATING OIL COMPOSITION USEFUL IN HYDRAULIC FLUIDS</b> [54] <b>COMPOSITION D'HUILE LUBRIFIANTE S'UTILISANT DANS DES FLUIDES HYDRAULIQUES</b> [72] BABA, YOSHIHARU, JP [72] HANYUDA, KIYOSHI, JP [71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL [85] 2001-02-15 [86] 1999-08-18 (PCT/EP99/06094) [87] 2000-03-02 (WO00/11122) [30] JP (234758/98) 1998-08-20 [30] EP (98307320.6) 1998-09-10</p>	<p style="text-align: right;">[21] <b>2,340,767</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B05B 15/06 7B05B 1/34</b> [25] EN [54] <b>NOZZLE FOR SPRAYING LIQUIDS</b> [54] <b>GICLEUR POUR PULVERISATION DE LIQUIDES</b> [72] MINER, FRANK HENRY JR., US [72] ARTHUR, MARK THOMAS, US [71] UCAR CARBON TECHNOLOGY CORPORATION, US [85] 2001-02-16 [86] 1999-08-18 (PCT/US99/16720) [87] 2000-03-02 (WO00/10731) [30] US (09/135,741) 1998-08-18</p>	

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[21] **2,340,883**  
[13] A1

[51] **Int.Cl. 7A61M 5/30 7A61M 5/20 7A61M 5/315**  
[25] EN  
[54] **NEEDLELESS INJECTORS**  
[54] **INJECTEURS SANS AIGUILLE**  
[72] WESTON, TERENCE EDWARD, GB  
[72] GIBBINS, GRAHAM ROGER, GB  
[72] NUSSEY, MATTHEW SIMON, GB  
[71] WESTON MEDICAL LIMITED, GB  
[85] 2001-02-15  
[86] 1999-08-05 (PCT/GB99/02586)  
[87] 2000-03-02 (WO00/10630)  
[30] GB (9818110.0) 1998-08-19

[21] **2,340,896**  
[13] A1

[51] **Int.Cl. 7A46D 9/00**  
[25] EN  
[54] **METHOD FOR QUALITY INSPECTION OF BRISTLES AND USE OF SAID BRISTLES**  
[54] **PROCEDE DE TEST DE QUALITE DE POILS DE BROSSERIE ET UTILISATION DESDITS POILS**  
[72] WEIHRAUCH, GEORG, DE  
[71] CORONET-WERKE GMBH, DE  
[85] 2001-02-15  
[86] 1999-07-28 (PCT/EP99/05402)  
[87] 2000-03-02 (WO00/10425)  
[30] DE (198 37 676.6) 1998-08-19

[21] **2,340,900**  
[13] A1

[51] **Int.Cl. 7A61C 5/00 7C07F 9/09 7C07F 9/113**  
[25] EN  
[54] **ADHESIVE COMPOSITIONS FOR THE HARD TISSUES OF THE HUMAN BODY**  
[54] **COMPOSITIONS ADHESIVES UTILISEES DANS LES TISSUS DURS DU CORPS HUMAIN**  
[72] STANGEL, IVAN, US  
[72] XU, JINGWEI, CA  
[72] ELLIS, THOMAS, CA  
[72] SACHER, EDWARD, CA  
[71] BIOMAT SCIENCES, INC., US  
[85] 2001-02-15  
[86] 1999-08-17 (PCT/US99/18582)  
[87] 2000-03-02 (WO00/10478)  
[30] US (60/096,838) 1998-08-18

[21] **2,340,912**  
[13] A1

[51] **Int.Cl. 7C07D 307/00**  
[25] EN  
[54] **DICATIONIC DIBENZOFURAN AND DIBENZOTHIOPHENE COMPOUNDS AND METHODS OF USE THEREOF**  
[54] **COMPOSES DE DIBENZOFURANNE ET DE DIBENZOTHIOPHENE DICATIONIQUES ET LEURS PROCEDES D'UTILISATION**  
[72] HALL, JAMES EDWIN, US  
[72] TIDWELL, RICHARD R., US  
[71] UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US  
[85] 2001-02-16  
[86] 1999-06-24 (PCT/US99/14313)  
[87] 2000-03-02 (WO00/10990)  
[30] US (60/097,273) 1998-08-20

[21] **2,340,913**  
[13] A1

[51] **Int.Cl. 7G02B 6/16**  
[25] EN  
[54] **APPARATUS FOR MANUFACTURING LONG-PERIOD FIBER GRATINGS AND APPARATUS FOR MANUFACTURING TWO-BAND LONG-PERIOD FIBER GRATINGS USING THE SAME**  
[54] **DISPOSITIF PERMETTANT DE FABRIQUER DES RESEAUX DE DIFFRACTION POUR FIBRE OPTIQUE A LONGUE PERIODE, ET APPAREIL PERMETTANT DE FABRIQUER DES RESEAUX DE DIFFRACTION POUR FIBRE OPTIQUE BIBANDE A LONGUE PERIODE UTILISANT LEDIT DISPOSITIF**  
[72] JANG, JOO-NYUNG, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2001-02-16  
[86] 1999-08-11 (PCT/KR99/00443)  
[87] 2000-03-02 (WO00/11509)  
[30] KR (98-33626) 1998-08-19  
[30] KR (99-23276) 1999-06-21

[21] **2,340,926**  
[13] A1

[51] **Int.Cl. 7A23G 3/00 7A23L 2/00 7A23L 2/02 7A61K 33/06 7A23C 9/152 7A61K 35/20 7A23L 2/52 7A61K 31/715**  
[25] EN  
[54] **COMPOSITION**  
[54] **COMPOSITION**  
[72] STRONG, MAXWELL JOHN, AU  
[71] ADVANCED NUTRITIONAL FOODS PTY LIMITED, AU  
[85] 2001-02-16  
[86] 1999-07-29 (PCT/AU99/00609)  
[87] 2000-03-02 (WO00/10402)  
[30] AU (PP 5386) 1998-08-21  
[30] AU (PQ 0882) 1999-06-09

[21] **2,340,928**  
[13] A1

[51] **Int.Cl. 7C07C 309/65 7A61K 31/255 7A61K 31/343 7C07D 307/80**  
[25] EN  
[54] **NOVEL ARYL SULPHONAMIDES AND ANALOGUES**  
[54] **NOUVEAUX ARYLSULFONAMIDES ET LEURS ANALOGUES**  
[72] DE VRY, JEAN-MARIE-VICTOR, DE  
[72] ROCK, MICHAEL-HAROLD, DK  
[72] HORVATH, ERVIN, DE  
[72] MOHRS, KLAUS-HELMUT, DE  
[72] FRANZ, JURGEN, DE  
[72] MAULER, FRANK, DE  
[72] JORK, REINHARD, DE  
[72] MATZKE, MICHAEL, DE  
[72] KELDENICH, JORG, DE  
[72] DRESSEL, JURGEN, DE  
[72] RADDATZ, SIEGFRIED, DE  
[72] SPREYER, PETER, DE  
[72] VOHRINGER, VERENA, DE  
[72] MITTENDORF, JOACHIM, DE  
[72] FRIEDL, ARNO, DE  
[72] SCHUMACHER, JOACHIM, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2001-02-16  
[86] 1999-08-06 (PCT/EP99/05682)  
[87] 2000-03-02 (WO00/10967)  
[30] DE (198 37 638.3) 1998-08-19

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[21] **2,340,929**  
[13] A1  
[51] **Int.Cl. 7A61K 48/00**  
[25] EN  
[54] **METHODS TO ENHANCE AND CONFINE EXPRESSION OF GENES**  
[54] **TECHNIQUE PROPRE A ACCENTUER ET A CONFINER L'EXPRESSION DE GENES**  
[72] T'ANG, ANNE, US  
[72] FUNG, YUEN KAI, US  
[72] GOMER, CHARLES, US  
[71] RESEARCH DEVELOPMENT FOUNDATION, US  
[85] 2001-02-16  
[86] 1999-08-18 (PCT/US99/19095)  
[87] 2000-03-02 (WO00/10612)  
[30] US (60/096,947) 1998-08-18

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[21] **2,340,930**  
[13] A1  
[51] **Int.Cl. 7C23C 4/12**  
[25] EN  
[54] **METHOD AND DEVICE FOR COATING HIGH TEMPERATURE COMPONENTS BY MEANS OF PLASMA SPRAYING**  
[54] **PROCEDE ET DISPOSITIF DE REVETEMENT DE COMPOSANTS HAUTE TEMPERATURE PAR PROJECTION AU PLASMA**  
[72] KIRCHNER, FRANZ, DE  
[72] RAAKE, DIETER, DE  
[72] REYMANN, HELGE, DE  
[71] SIEMENS AKTIENGESSELLSCHAFT, DE  
[85] 2001-02-16  
[86] 1999-08-03 (PCT/DE99/02381)  
[87] 2000-03-02 (WO00/11234)  
[30] DE (198 37 400.3) 1998-08-18

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[21] **2,340,942**  
[13] A1  
[51] **Int.Cl. 7H04B 1/707 7H04B 7/005 7H04L 27/26**  
[25] EN  
[54] **TIME OFFSET TECHNIQUE FOR INCREASING THE CAPACITY OF A CDMA SYSTEM**  
[54] **TECHNIQUE DE DECALAGE DANS LE TEMPS DESTINEE A AUGMENTER LA CAPACITE D'UN SYSTEME AMCR**  
[72] LUNDBY, STEIN A., CH  
[72] TERASAWA, DAISUKE, JP  
[72] HOLTZMAN, JACK M., US  
[72] TIEDEMANN, EDWARD G., JR., US  
[71] QUALCOMM INCORPORATED, US  
[85] 2001-02-16  
[86] 1999-08-17 (PCT/US99/18856)  
[87] 2000-03-02 (WO00/11802)  
[30] US (09/136,699) 1998-08-19

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[21] **2,340,943**  
[13] A1  
[51] **Int.Cl. 7C07F 9/6568 7C07B 53/00 7C07F 17/02 7B01J 31/24 7C07F 9/6571**  
[25] EN  
[54] **ASYMMETRIC CATALYSIS BASED ON CHIRAL PHOSPHOLANES**  
[54] **CATALYSE ASYMETRIQUE REPOSANT SUR DES PHOSPHOLANES A STRUCTURE CHIRALE**  
[72] ZHANG, XUMU, US  
[71] THE PENN STATE RESEARCH FOUNDATION, US  
[85] 2001-02-16  
[86] 1999-08-20 (PCT/US99/18932)  
[87] 2000-03-02 (WO00/11008)  
[30] US (60/097,473) 1998-08-21  
[30] US (09/377,065) 1999-08-19

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[21] **2,340,946**  
[13] A1  
[51] **Int.Cl. 7C07D 471/18 7A61K 31/44**  
[25] EN  
[54] **MUSCARINIC AGONISTS AND ANTAGONISTS**  
[54] **AGONISTES ET ANTAGONISTES MUSCARINIQUES**  
[72] CAI, XIONG, US  
[72] LATHAM, GEORGE MARK, US  
[72] GREWAL, GURMIT, US  
[72] TOY-PALMER, ANNA, US  
[71] UCB, S.A., BE  
[85] 2001-02-16  
[86] 1999-08-16 (PCT/US99/18570)  
[87] 2000-03-02 (WO00/11001)  
[30] US (60/096,977) 1998-08-18

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[21] **2,340,959**  
[13] A1  
[51] **Int.Cl. 7A46B 5/02 7A46B 11/00**  
[25] EN  
[54] **APPLICATOR AND DISPENSING DEVICE USING SAME**  
[54] **APPLICATEUR ET DISPOSITIF DE DISTRIBUTION UTILISANT LEDIT APPLICATEUR**  
[72] MEARS, CHRISTOPHER, US  
[72] LEVINE, LAURENCE T., US  
[72] LEVINE, HARVEY, US  
[72] GRAY, RICHARD F., US  
[72] ZISSEL, RALPH, US  
[71] ARICH INC., US  
[85] 2001-02-16  
[86] 1999-08-18 (PCT/US99/18738)  
[87] 2000-03-02 (WO00/10423)  
[30] US (09/135,942) 1998-08-18

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[21] **2,340,961**  
[13] A1  
[51] **Int.Cl. 7H02G 9/06 7H01B 7/14**  
[25] FR  
[54] **CONDUIT DE PROTECTION POUR CABLE SOUS-MARIN**  
[54] **AN UNDERWATER CABLE PROTECTION PIPE**  
[72] POIRIER, NANCY, CA  
[71] IT INTERNATIONAL TELECOM INC., CA  
[85] 2001-04-05  
[86] 1999-09-24 (PCT/CA99/00885)  
[87] 2001-04-05 (WO01/24336)

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[21] **2,340,971**  
[13] A1  
[51] **Int.Cl. 7C01F 7/44 7C22B 1/02 7F26B 3/06 7F26B 3/18 7C22B 1/26**  
[25] EN  
[54] **FEED PROCESSING FOR IMPROVED ALUMINA PROCESS PERFORMANCE**  
[54] **TRAITEMENT DE LA CHARGE D'ALIMENTATION PERMETTANT D'AMELIORER LA PERFORMANCE DU TRAITEMENT DE L'OXYDE D'ALUMINIUM**  
[72] GROCOTT, STEPHEN, AU  
[72] ROE, GERARD, AU  
[72] HOLLITT, MICHAEL, AU  
[71] COMALCO ALUMINIUM LIMITED, AU  
[85] 2001-02-16  
[86] 1999-08-17 (PCT/AU99/00663)  
[87] 2000-03-02 (WO00/10919)  
[30] AU (PP 5314) 1998-08-17

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[21] **2,340,983**  
[13] A1

[51] **Int.Cl. 7C12Q 1/00 7C12Q 1/26 7C12Q 1/54 7G01N 21/76**  
[25] EN  
[54] **OPTICAL OXIDATIVE ENZYME-BASED SENSORS**  
[54] **DETECTEURS OPTIQUES A BASE D'ENZYMES OXYDATIVES**  
[72] MUNKHOLM, CHRISTIANE, US  
[72] COLLINS, THOMAS C., US  
[72] SLOVACEK, RUDOLF E., US  
[71] BAYER CORPORATION, US  
[85] 2001-02-16  
[86] 1999-08-19 (PCT/IB99/01451)  
[87] 2000-03-02 (WO00/11205)  
[30] US (09/137,616) 1998-08-21

[21] **2,340,986**  
[13] A1

[51] **Int.Cl. 7H04M 15/00 7H04Q 3/00 7H04Q 7/38**  
[25] EN  
[54] **CHARGING IN A TELECOMMUNICATIONS SYSTEM**  
[54] **FACTURATION DANS UN SYSTEME MOBILE DE TELECOMMUNICATIONS**  
[72] LAIHO, KEIJO, FI  
[72] SIMONEN, SATU, FI  
[72] TOIVANEN, KYOSTI, FI  
[72] SUIHKO, TIMO, DE  
[72] GUSTAFSSON, MIA, FI  
[72] FABRITIUS, MIRKA, FI  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-02-16  
[86] 1999-08-16 (PCT/EP99/05994)  
[87] 2000-03-02 (WO00/11859)  
[30] FI (981797) 1998-08-21

[21] **2,340,988**  
[13] A1

[51] **Int.Cl. 7H01P 3/18 7H05K 1/03**  
[25] EN  
[54] **MICROWAVE DIELECTRIC MATERIAL**  
[54] **MATERIAU DIELECTRIQUE A HYPERFREQUENCES**  
[72] BERGSTEDT, LEIF, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-02-16  
[86] 1999-07-30 (PCT/SE99/01328)  
[87] 2000-03-02 (WO00/11747)  
[30] SE (9802769-1) 1998-08-19

[21] **2,340,992**  
[13] A1

[51] **Int.Cl. 7G09F 21/04 7G07C 5/00 7G07C 1/20**  
[25] EN  
[54] **DEVICE AND METHOD FOR THE AUTOMATIC, CASHLESS PAYMENT OF A FEE FOR INSTALLING AN ADVERTISING MEDIUM ON A VEHICLE AND CORRESPONDING ADVERTISING MEDIUM**  
[54] **DISPOSITIF ET PROCEDE POUR LE PAIEMENT AUTOMATIQUE ET SANS ESPECES DE LA RETRIBUTION POUR L'INSTALLATION D'UN SUPPORT PUBLICITAIRE SUR UN VEHICULE, ET SUPPORT PUBLICITAIRE CORRESPONDANT**  
[72] SCHULDEN, CHRISTOPH J., DE  
[72] VON BONIN, S. QUINTUS F. F., US  
[71] SCHULDEN, CHRISTOPH J., DE  
[85] 2001-02-19  
[86] 1999-08-23 (PCT/EP99/06177)  
[87] 2000-03-02 (WO00/11642)  
[30] DE (198 38 090.9) 1998-08-22

[21] **2,340,993**  
[13] A1

[51] **Int.Cl. 7E21B 19/16**  
[25] EN  
[54] **METHODS AND APPARATUS FOR CONNECTING TUBULARS USING A TOP DRIVE**  
[54] **PROCEDES ET APPAREIL DE RACCORDEMENT DE TUBAGES UTILISANT UNE COMMANDE SUPERIEURE**  
[72] PIETRAS, BERND-GEORG, DE  
[71] WEATHERFORD/LAMB, INC., US  
[85] 2001-02-19  
[86] 1999-08-16 (PCT/GB99/02710)  
[87] 2000-03-02 (WO00/11311)  
[30] GB (9818363.5) 1998-08-24

[21] **2,340,994**  
[13] A1

[51] **Int.Cl. 7E21B 19/16 7E21B 19/06**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONNECTING TUBULARS USING A TOP DRIVE**  
[54] **PROCEDE ET APPAREIL DE RACCORDEMENT DE TUBAGES UTILISANT UNE COMMANDE SUPERIEURE**  
[72] PIETRAS, BERND-GEORG, DE  
[71] WEATHERFORD/LAMB, INC., US  
[85] 2001-02-19  
[86] 1999-08-16 (PCT/GB99/02704)  
[87] 2000-03-02 (WO00/11309)  
[30] GB (9818366.8) 1998-08-24

[21] **2,340,995**  
[13] A1

[51] **Int.Cl. 7E21B 19/16**  
[25] EN  
[54] **AN APPARATUS FOR CONNECTING TUBULARS USING A TOP DRIVE**  
[54] **APPAREIL DE RACCORDEMENT DE TUBAGES UTILISANT UNE COMMANDE SUPERIEURE**  
[72] PIETRAS, BERND-GEORG, DE  
[71] WEATHERFORD/LAMB, INC., US  
[85] 2001-02-19  
[86] 1999-08-16 (PCT/GB99/02708)  
[87] 2000-03-02 (WO00/11310)  
[30] GB (9818360.1) 1998-08-24

[21] **2,341,014**  
[13] A1

[51] **Int.Cl. 7G06F 11/20**  
[25] EN  
[54] **A SYSTEM AND METHOD FOR IDENTIFICATION OF TRANSFORMATION OF MEMORY DEVICE ADDRESSES**  
[54] **SYSTEME ET PROCEDE D'IDENTIFICATION DE TRANSFORMATION D'ADRESSES DE DISPOSITIFS A MEMOIRE**  
[72] VILKOV, BORIS NIKOLAEVICH, GB  
[72] DEAS, ALEXANDER ROGER, GB  
[71] VILKOV, BORIS NIKOLAEVICH, RU  
[85] 2001-02-16  
[86] 1998-08-19 (PCT/RU98/00275)  
[87] 2000-03-02 (WO00/11554)

[21] **2,341,015**  
[13] A1

[51] **Int.Cl. 7C08L 69/00 7C08G 64/20 7G11B 7/24**  
[25] EN  
[54] **OPTICAL POLYCARBONATE RESIN MOLDING MATERIAL AND OPTICAL DISK SUBSTRATE**  
[54] **MATIERE DE MOULAGE EN RESINE DE POLYCARBONATE OPTIQUE ET SUBSTRAT DE DISQUE OPTIQUE**  
[72] DOHI, YUTAKA, JP  
[71] TEIJIN CHEMICALS, LTD., JP  
[85] 2001-02-16  
[86] 1999-08-17 (PCT/JP99/04417)  
[87] 2000-03-02 (WO00/11086)  
[30] JP (10/231638) 1998-08-18  
[30] JP (10/362150) 1998-12-21



## PCT Applications Entering the National Phase

<p style="text-align: center;">[21] <b>2,341,017</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12Q 1/68 7A61K 48/00 7C12N 15/00 7C07H 21/04 7C12N 15/85</b> [25] EN [54] <b>COMPOUNDS AND METHODS FOR ENHANCING DELIVERY OF FREE POLYNUCLEOTIDE</b> [54] <b>COMPOSES ET PROCEDES PERMETTANT D'AMELIORER L'APPORT D'UN POLYNUCLEOTIDE LIBRE</b> [72] MALONE, JILL G., US [72] MALONE, ROBERT W., US [71] UNIVERSITY OF MARYLAND, BALTIMORE, US [85] 2001-02-16 [86] 1999-08-19 (PCT/US99/18726) [87] 2000-03-02 (WO00/11217) [30] US (60/097,098) 1998-08-19</p>	<p style="text-align: center;">[21] <b>2,341,024</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 9/48</b> [25] EN [54] <b>NON-GELATIN SUBSTITUTES FOR ORAL DELIVERY CAPSULES, THEIR COMPOSITION AND PROCESS OF MANUFACTURE</b> [54] <b>SUBSTITUTS NON-GELATINEUX DESTINES AUX GELULES A PRENDRE PAR VOIE ORALE, LEUR COMPOSITION ET PROCESSUS DE FABRICATION</b> [72] GENNADIOS, ARISTIPPOS, US [71] BANNER PHARMACAPS, INC., US [85] 2001-02-16 [86] 1999-08-24 (PCT/US99/19570) [87] 2000-03-02 (WO00/10538) [30] US (09/140,758) 1998-08-25</p>	<p style="text-align: center;">[21] <b>2,341,031</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 401/12 7A61K 31/4439</b> [25] EN [54] <b>NOVEL SALT FORM OF PANTOPRAZOLE</b> [54] <b>NOUVELLE FORME DE SEL DE PANTOPRAZOLE</b> [72] KOHL, BERNHARD, DE [71] BYK GULDEN LOMBERG CHEMISCHE FABRIK GMBH, DE [85] 2001-02-16 [86] 1999-08-12 (PCT/EP99/05928) [87] 2000-03-02 (WO00/10995) [30] DE (198 43 413.8) 1998-08-18</p>
<p style="text-align: center;">[21] <b>2,341,023</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 33/44</b> [25] EN [54] <b>QUALITY CONTROL SYSTEM FOR MONITORING AND CONTROL OF CONTAMINANTS IN RECYCLED PLASTICS</b> [54] <b>SYSTEME DE MAITRISE DE LA QUALITE PERMETTANT DE CONTROLER ET DE REGULER DES CONTAMINANTS DANS DES PLASTIQUES RECYCLES</b> [72] TACITO, LOUIS D., US [72] MARCINISZYN, ADAM, US [71] PLASTICS FORMING ENTERPRISES, INC., US [85] 2001-02-16 [86] 1999-08-17 (PCT/US99/18494) [87] 2000-03-02 (WO00/11466) [30] US (09/136,716) 1998-08-19</p>	<p style="text-align: center;">[21] <b>2,341,025</b> [13] A1</p> <p>[51] <b>Int.Cl. 7D21F 7/00</b> [25] EN [54] <b>METHOD AND ASSEMBLY FOR GUIDING A WEB OF PAPER OR BOARD WEB DURING MANUFACTURE</b> [54] <b>PROCEDE ET ENSEMBLE POUR LE GUIDAGE D'UNE BANDE DE PAPIER OU DE CARTON EN COURS DE FABRICATION</b> [72] NISSINEN, VILHO, FI [72] MIKKONEN, SILVO, FI [72] LUOMI, SEPPO, FI [72] KINNUNEN, JORMA, FI [72] AHVENNIEMI, VESA, FI [71] METSO PAPER, INC., FI [85] 2001-02-16 [86] 1999-08-19 (PCT/FI99/00686) [87] 2000-03-02 (WO00/11266) [30] FI (981786) 1998-08-19</p>	<p style="text-align: center;">[21] <b>2,341,034</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B22D 41/00 7B22D 41/04</b> [25] EN [54] <b>METALLURGIC CONTAINER</b> [54] <b>RECIPIENT METALLURGIQUE</b> [72] GOHRES, HANS-WERNER, DE [72] ASMUS, NORBERT, DE [72] DIVJAK, FRANZ-JOSEF, DE [71] MANNESMANN AG, DE [85] 2001-02-16 [86] 1999-08-13 (PCT/DE99/02585) [87] 2000-03-02 (WO00/10754) [30] DE (198 38 365.7) 1998-08-18 [30] DE (198 38 202.6) 1999-08-12</p>
<p style="text-align: center;">[21] <b>2,341,027</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A01N 25/34 7A61F 13/00 7A61L 15/16</b> [25] EN [54] <b>ANTIMICROBIAL MULTI-LAYER ISLAND DRESSING</b> [54] <b>PANSEMENT MULTICOUCHE ANTIMICROBIEN</b> [72] MABRY, RONALD D., US [72] DOBOS, JOHN A., US [71] MEDWRAP CORPORATION, US [85] 2001-02-16 [86] 1999-08-03 (PCT/US99/17533) [87] 2000-03-02 (WO00/10387) [30] US (09/137,040) 1998-08-20</p>	<p style="text-align: center;">[21] <b>2,341,027</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B65G 1/00 7B65G 37/00 7B65G 47/52</b> [25] EN [54] <b>AUTOMATIC WAREHOUSE</b> [54] <b>ENTREPOT AUTOMATIQUE</b> [72] SANCHEZ GOMEZ, GINES, ES [71] SANCHEZ GOMEZ, GINES, ES [85] 2001-03-01 [86] 1999-09-21 (PCT/ES99/00298) [87] 2000-03-30 (WO00/17072) [30] ES (P 9801989) 1998-09-21</p>	<p style="text-align: center;">[21] <b>2,341,059</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B65G 1/00 7B65G 37/00 7B65G 47/52</b> [25] EN [54] <b>AUTOMATIC WAREHOUSE</b> [54] <b>ENTREPOT AUTOMATIQUE</b> [72] SANCHEZ GOMEZ, GINES, ES [71] SANCHEZ GOMEZ, GINES, ES [85] 2001-03-01 [86] 1999-09-21 (PCT/ES99/00298) [87] 2000-03-30 (WO00/17072) [30] ES (P 9801989) 1998-09-21</p>

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[21] **2,341,078**  
[13] A1  
[51] **Int.Cl. 7C12N 15/54 7C08B 30/00 7C08B 31/00 7A01H 5/00 7C12N 9/10 7C12N 15/82**  
[25] EN  
[54] **PLANT GLUTAMINE: FRUCTOSE-6-PHOSPHATE AMIDOTRANSFERASE NUCLEIC ACIDS**  
[72] NICHOLS, SCOTT E., US  
[72] WANG, TIE, US  
[72] WANG, XUN, US  
[72] BOWEN, BENJAMIN A., US  
[72] FALLIS, PATRICIA LYNNE, US  
[72] DHUGGA, KANWARPAL S., US  
[71] PIONEER HI-BRED INTERNATIONAL, INC., US  
[85] 2001-02-26  
[86] 1999-08-19 (PCT/US99/18789)  
[87] 2000-03-02 (WO00/11192)  
[30] US (60/097,881) 1998-08-25

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[21] **2,341,079**  
[13] A1  
[51] **Int.Cl. 7C12N 15/31 7A61K 39/095 7C07K 16/12 7C07K 14/22 7A61K 39/395 7G01N 33/53**  
[25] EN  
[54] **BASB024 OUTER MEMBRANE PROTEIN OF NEISSERIA MENINGITIDIS**  
[54] **LES BASB024, PROTEINES DE LA MEMBRANE EXTERIEURE DU NEISSERIA MENINGITIDIS**  
[72] THONNARD, JOELLE, BE  
[71] SMITHKLINE BEECHAM BIOLOGICALS S.A., BE  
[85] 2001-02-16  
[86] 1999-08-13 (PCT/EP99/05989)  
[87] 2000-03-02 (WO00/11182)  
[30] GB (9818004.5) 1998-08-18

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[21] **2,341,093**  
[13] A1  
[51] **Int.Cl. 7H04J 13/04**  
[25] EN  
[54] **SYSTEM AND METHOD FOR MODELING SIMULCAST DELAY SPREAD AND OPTIMIZING LAUNCH DELAYS**  
[54] **SYSTEME ET PROCEDE POUR LA MODELISATION DE L'ETALEMENT DES TEMPS DE DIFFUSION SIMULTANEE ET L'OPTIMISATION DES TEMPS DE LANCEMENT**  
[72] HILL, SELWYN E., US  
[72] CHANG, CHI-MING, US  
[71] WEBLINK WIRELESS, INC., US  
[85] 2001-02-19  
[86] 1999-08-20 (PCT/US99/18936)  
[87] 2000-03-02 (WO00/11826)  
[30] US (09/138,438) 1998-08-21

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[21] **2,341,096**  
[13] A1  
[51] **Int.Cl. 7G03B 21/14 7G03B 21/56**  
[25] EN  
[54] **MULTI-DISPLAY SYSTEMS**  
[54] **SYSTEMES DE VISUALISATION MULTIPLE**  
[72] SALESKY, WILLIAM J., US  
[72] WILCOX, DONALD P., US  
[72] SALESKY, JOSEPH H., US  
[71] SKYTRON CORPORATION, US  
[85] 2001-02-19  
[86] 1999-08-18 (PCT/US99/18979)  
[87] 2000-03-02 (WO00/11518)  
[30] US (09/136,895) 1998-08-19

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[21] **2,341,102**  
[13] A1  
[51] **Int.Cl. 7G11C 16/14**  
[25] EN  
[54] **ELECTRICALLY ERASABLE NONVOLATILE MEMORY**  
[54] **MEMOIRE PERMANENTE EFFACABLE ELECTRIQUEMENT**  
[72] WONG, TING-WAH, US  
[71] PROGRAMMABLE SILICON SOLUTIONS, US  
[85] 2001-02-19  
[86] 1999-08-19 (PCT/US99/18894)  
[87] 2000-03-02 (WO00/11677)  
[30] US (09/137,476) 1998-08-20

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[21] **2,341,169**  
[13] A1  
[51] **Int.Cl. 7H04Q 3/00 7H04M 7/00**  
[25] EN  
[54] **SIGNALLING IN A TELECOMMUNICATIONS SYSTEM**  
[54] **SIGNALISATION DANS UN SYSTEME DE TELECOMMUNICATIONS**  
[72] GRAF, LESLIE, AU  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-02-19  
[86] 1999-08-23 (PCT/EP99/06168)  
[87] 2000-03-02 (WO00/11882)  
[30] FI (981812) 1998-08-24  
[30] FI (982319) 1998-10-26  
[30] FI (982320) 1998-10-26

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[21] **2,341,171**  
[13] A1  
[51] **Int.Cl. 7C10B 47/06 7C10B 21/18**  
[25] EN  
[54] **METHOD FOR RECOVERY OF CARBON AND COMBINATIONS OF HYDROCARBONS FROM POLYMERS, PREFERABLY IN THE FORM OF DISPOSED TYRES, BY PYROLYSIS IN A PYROLYSIS REACTOR**  
[54] **PROCEDE DE RECUPERATION DE CARBONE ET DE COMBINAISONS D'HYDROCARBURES A PARTIR DE POLYMERES, DE PREFERENCE SOUS FORME DE PNEUS USES, PAR PYROLYSE DANS UN REACTEUR DE PYROLYSE**  
[72] ERSHAG, BENGT-STURE, SE  
[71] ERSHAG, BENGT-STURE, SE  
[85] 2001-02-19  
[86] 1999-08-20 (PCT/SE99/01418)  
[87] 2000-03-02 (WO00/11110)  
[30] SE (9802792-3) 1998-08-21

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## PCT Applications Entering the National Phase

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[21] **2,341,172**  
[13] A1  
[51] **Int.Cl. 7A61B 5/00 7A61B 5/11 7A61B 5/22**  
[25] EN  
[54] **SYSTEM FOR MEASURING TONGUE PRESSURE**  
[54] **DISPOSITIF DE MESURE DE PRESSION DE LA LANGUE**  
[72] MASAKI, SHINOBU, JP  
[72] OOUE, TOSHIKAZU, JP  
[72] WAKUMOTO, MASAHICO, JP  
[71] ATR HUMAN INFORMATION PROCESSING RESEARCH LABORATORIES, JP  
[71] NITTA CORPORATION, JP  
[85] 2001-02-19  
[86] 1998-08-19 (PCT/JP98/03669)  
[87] 2000-03-02 (WO00/10450)

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[21] **2,341,196**  
[13] A1  
[51] **Int.Cl. 7H05B 3/36**  
[25] EN  
[54] **FLEXIBLE ELECTRICALLY HEATED TILES MADE FROM CRUMB RUBBER**  
[54] **TAPIS FLEXIBLE CHAUFFE ELECTRIQUEMENT FABRIQUE EN CAOUTCHOUC GRANULAIRE**  
[72] LIEBICH, EHRENFRIED, CA  
[71] THE QUANTUM GROUP, INC., US  
[85] 2001-02-19  
[86] 1999-08-20 (PCT/US99/18938)  
[87] 2000-03-02 (WO00/11913)  
[30] US (09/137,777) 1998-08-20

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[21] **2,341,201**  
[13] A1  
[51] **Int.Cl. 7B65H 37/00**  
[25] EN  
[54] **DEVICE FOR TRANSFERRING A MATERIAL IN THE FORM OF A FILM THAT IS APPLIED TO A CARRIER STRIP ONTO A SUBSTRATE**  
[54] **APPAREIL POUR TRANSFERER SUR UN SUBSTRAT UNE MATIERE APPLIQUEE SOUS FORME D'UN FILM SUR UNE BANDE SUPPORT**  
[72] HERRMANNSEN, WULF, DE  
[72] RUDOLF, HARTMUT, DE  
[72] BAUERSACHS, WOLFGANG, DE  
[72] MANUSCH, CHRISTOPH, DE  
[71] PRITT  
PRODUKTIONSGESELLSCHAFT MBH, DE  
[85] 2001-02-19  
[86] 1999-08-10 (PCT/EP99/05786)  
[87] 2000-03-02 (WO00/10897)  
[30] DE (198 37 573.5) 1998-08-19  
[30] DE (198 59 270.1) 1998-12-22

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[21] **2,341,207**  
[13] A1  
[51] **Int.Cl. 7B21B 37/28 7B21B 39/08**  
[25] EN  
[54] **STRIP DEFLECTION ROLLER, ESPECIALLY A TENSION MEASURING ROLLER OR LOOPER ROLLER**  
[54] **POULIE DE DEVIATION DE BANDE EN PARTICULIER POULIE DE MESURE DE TRACTION OU DE BOUCLAGE**  
[72] HOVESTADT, ERICH, DE  
[71] SMS DEMAG AG, DE  
[85] 2001-02-19  
[86] 1999-08-19 (PCT/DE99/02643)  
[87] 2000-03-02 (WO00/10745)  
[30] DE (198 38 675.3) 1998-08-20

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[21] **2,341,208**  
[13] A1  
[51] **Int.Cl. 7G06K 9/36 7G06K 9/46**  
[25] EN  
[54] **METHOD OF MULTICHANNEL DATA COMPRESSION**  
[54] **PROCEDE DE COMPRESSION DE DONNEES MULTIVOIES**  
[72] KOSTRZEWSKI, ANDREW A., US  
[72] PILIAVIN, MICHAEL A., US  
[71] PHYSICAL OPTICS CORPORATION, US  
[85] 2001-02-19  
[86] 1999-08-19 (PCT/US99/18921)  
[87] 2000-03-02 (WO00/11597)  
[30] US (09/136,624) 1998-08-19

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[21] **2,341,213**  
[13] A1  
[51] **Int.Cl. 7H04L 9/00**  
[25] EN  
[54] **SYSTEM AND METHOD FOR ENABLING SECURE ACCESS TO SERVICES IN A COMPUTER NETWORK**  
[54] **SYSTEME ET PROCEDE PERMETTANT L'ACCES SECURISE A DES SERVICES DANS UN RESEAU INFORMATIQUE**  
[72] RIGGINS, MARK D., US  
[71] VISTO CORPORATION, US  
[85] 2001-02-19  
[86] 1998-08-21 (PCT/US98/17410)  
[87] 2000-03-02 (WO00/11832)

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[21] **2,341,215**  
[13] A1  
[51] **Int.Cl. 7B25C 7/00**  
[25] EN  
[54] **STAPLE DRIVING DEVICE**  
[54] **DISPOSITIF D'ENTRAINEMENT D'AGRAFES**  
[72] TEBO, GLEN J., US  
[71] TEBO, GLEN J., US  
[85] 2001-02-19  
[86] 1999-08-17 (PCT/US99/18671)  
[87] 2000-03-02 (WO00/10774)  
[30] US (09/137,012) 1998-08-20

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[21] **2,341,217**  
[13] A1  
[51] **Int.Cl. 7B65H 37/00**  
[25] EN  
[54] **DEVICE FOR TRANSFERRING A MATERIAL IN THE FORM OF A FILM THAT IS APPLIED TO A CARRIER STRIP ONTO A SUBSTRATE**  
[54] **APPAREIL POUR TRANSFERER SUR UN SUBSTRAT UNE MATIERE APPLIQUEE SOUS FORME D'UN FILM SUR UNE BANDE SUPPORT**  
[72] HERRMANNSEN, WULF, DE  
[72] MANUSCH, CHRISTOPH, DE  
[72] RUDOLF, HARTMUT, DE  
[72] BAUERSACHS, WOLFGANG, DE  
[71] PRITT  
PRODUKTIONSGESELLSCHAFT MBH, DE  
[85] 2001-02-19  
[86] 1999-08-10 (PCT/EP99/05787)  
[87] 2000-03-02 (WO00/10898)  
[30] DE (198 37 573.5) 1998-08-19  
[30] DE (198 59 269.8) 1998-12-22

## Demandes PCT entrant en phase nationale

<p style="text-align: center;">[21] <b>2,341,220</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 9/70 7A61L 26/00</b> [25] EN [54] <b>SPRAY ON BANDAGE AND DRUG DELIVERY SYSTEM</b> [54] <b>SYSTEME DE PULVERISATION SUR BANDAGE ET D'ADMINISTRATION DE MEDICAMENTS</b> [72] BRANDT, PATRICIA J. ANDOLINO, US [72] LEIR, CHARLES M., US [72] WIRTANEN, DAVID J., US [71] 3M INNOVATIVE PROPERTIES COMPANY, US [85] 2001-02-19 [86] 1999-07-20 (PCT/US99/16386) [87] 2000-03-02 (WO00/10540) [30] US (09/136,903) 1998-08-20</p>	<p style="text-align: center;">[21] <b>2,341,225</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C01F 7/06</b> [25] EN [54] <b>ORGANIC IMPURITY REMOVAL PROCESS FOR BAYER LIQUORS</b> [54] <b>PROCEDE DE PIEGEAGE DES IMPURETES ORGANIQUES DANS DES LIQUEURS DE BAYER</b> [72] TICHBON, WAYNE, AU [72] ROSENBERG, STEVEN PHILIP, AU [72] HEALY, STEVEN JAMES, AU [71] WORSLEY ALUMINA PTY. LTD., AU [85] 2001-02-20 [86] 1999-08-20 (PCT/AU99/00672) [87] 2000-03-02 (WO00/10918) [30] AU (PP 5365) 1998-08-20</p>	<p style="text-align: center;">[21] <b>2,341,232</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61B 17/70 7A61F 2/44 7A61B 17/86</b> [25] EN [54] <b>SELF-CUTTING HOLLOW CYLINDRICAL BONE ANCHORING ELEMENT</b> [54] <b>ELEMENT D'ANCRAGE OSSEUX SOUS FORME DE CYLINDRE CREUX AUTOCOUPANT</b> [72] AEBI, MAX, CA [72] STEINER, BEATRICE, CH [71] SYNTHES (U.S.A.), US [85] 2001-02-20 [86] 1998-08-21 (PCT/CH98/00359) [87] 2000-03-02 (WO00/10473)</p>
<p style="text-align: center;">[21] <b>2,341,221</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B05B 7/14 7B05B 12/08</b> [25] EN [54] <b>POWDER SPRAY COATING DEVICE</b> [54] <b>DISPOSITIF D'APPLICATION DE REVETEMENT EN POUDRE</b> [72] MICHAEL, HANS PETER, CH [72] HAAS, GERALD, CH [72] MAUCHLE, FELIX, CH [71] ITW GEMA AG, CH [85] 2001-02-20 [86] 1999-06-09 (PCT/EP99/03967) [87] 2000-03-02 (WO00/10726) [30] DE (198 38 276.6) 1998-08-22</p>	<p style="text-align: center;">[21] <b>2,341,228</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61B 5/02</b> [25] EN [54] <b>SIZING CATHETER FOR MEASURING SEPTAL DEFECTS</b> [54] <b>CATHETER DETERMINANT LE DIAMETRE D'UN PASSAGE ET UTILISE POUR EVALUER LES MALFORMATIONS SEPTALES</b> [72] AFREMOV, MICHAEL R., US [72] AMPLATZ, KURT, US [71] AGA MEDICAL CORPORATION, US [85] 2001-02-20 [86] 1999-07-30 (PCT/US99/17406) [87] 2000-03-02 (WO00/10452) [30] US (09/137,949) 1998-08-21</p>	<p style="text-align: center;">[21] <b>2,341,237</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A23L 1/00</b> [25] EN [54] <b>PROCESS FOR THE PRODUCTION OF PARTIALLY GELATINIZED RICE FLOUR</b> [54] <b>PROCEDE DE PRODUCTION DE FARINE DE RIZ PARTIELLEMENT GELATINISEE</b> [72] CHAMBERLIN, LAURIE W., US [72] DELRUE, RITA M., US [71] CARGILL, INCORPORATED, US [85] 2001-02-20 [86] 1999-08-19 (PCT/US99/19002) [87] 2000-03-02 (WO00/10406) [30] US (09/137,923) 1998-08-20</p>
<p style="text-align: center;">[21] <b>2,341,223</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C11D 17/00 7D06L 1/02 7D06M 23/02 7D06L 1/04 7D06L 1/06 7D06M 13/148 7D06M 23/16</b> [25] EN [54] <b>CLEANING COMPOSITIONS THAT REDUCE SHRINKAGE OF FABRICS</b> [54] <b>COMPOSITIONS DE NETTOYAGE REDUISANT LE RETRECISSEMENT DES TISSUS</b> [72] SIKLOSI, MICHAEL PETER, US [72] STRANG, JANINE MORGENS, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2001-02-20 [86] 1999-08-24 (PCT/US99/19204) [87] 2000-03-02 (WO00/11133) [30] US (60/097,576) 1998-08-24</p>	<p style="text-align: center;">[21] <b>2,341,230</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B29B 17/02</b> [25] EN [54] <b>METHOD AND DEVICE FOR RECOVERING PURE PVC FROM PLASTIC WASTE CONTAINING PVC</b> [54] <b>PROCEDE ET DISPOSITIF DE RECUPERATION DE PVC PUR A PARTIR DE DECHETS PLASTIQUES CONTENANT DU PVC</b> [72] LEITZKE, JURGEN, NL [72] VON HEYKING, ALEXANDER, DE [72] MULLER, PETER, DE [71] P-TEC GMBH POLYMERTECHNOLOGIE, DE [85] 2001-02-20 [86] 1999-08-19 (PCT/EP99/06088) [87] 2000-03-02 (WO00/10787) [30] DE (198 38 141.7) 1998-08-21</p>	<p style="text-align: center;">[21] <b>2,341,238</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 30/58 7B01D 15/08 7G01N 30/48 7G01N 30/60</b> [25] EN [54] <b>CAPILLARY COLUMN AND METHOD OF MAKING</b> [54] <b>COLONNE CAPILLAIRE ET SON PROCEDE DE FABRICATION</b> [72] WANG, DONGXIN, US [72] MALIK, ABDUL, US [71] UNIVERSITY OF SOUTH FLORIDA, US [85] 2001-02-20 [86] 1999-08-20 (PCT/US99/19113) [87] 2000-03-02 (WO00/11463) [30] US (60/097,382) 1998-08-21 [30] US (60/102,483) 1998-09-30</p>

## PCT Applications Entering the National Phase

[21] **2,341,239**  
[13] A1

[51] **Int.Cl. 7A61K 45/00 7A61K 39/395**  
[25] EN  
[54] **PREVENTIVES OR REMEDIES FOR PANCREATITIS CONTAINING IL-6 ANTAGONISTS AS THE ACTIVE INGREDIENT**  
[54] **PRODUITS PREVENTIFS OU THERAPEUTIQUES DE LA PANCREATITE CONTENANT DES ANTAGONISTES DE IL-6 COMME SUBSTANCE ACTIVE**  
[72] MIYASAKA, KYOKO, JP  
[72] FUNAKOSHI, AKIHIRO, JP  
[71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP  
[85] 2001-02-20  
[86] 1999-08-23 (PCT/JP99/04533)  
[87] 2000-03-02 (WO00/10607)  
[30] JP (10/251796) 1998-08-24  
[30] JP (11/54302) 1999-03-02

[21] **2,341,246**  
[13] A1

[51] **Int.Cl. 7B01D 53/04 7B01D 53/22 7B01D 53/68**  
[25] EN  
[54] **SEPARATION OF GASES CONTAINING SF<sub>6</sub>**  
[54] **DIVISION DE GAZ CONTENANT DU SF<sub>6</sub>**  
[72] PITTROFF, MICHAEL, DE  
[72] SCHWARZE, THOMAS, DE  
[72] BELT, HEINZ-JOACHIM, DE  
[72] BARTHELEMY, PIERRE, DE  
[71] SOLVAY FLUOR UND DERIVATE GMBH, DE  
[85] 2001-02-20  
[86] 1999-08-11 (PCT/EP99/05886)  
[87] 2000-03-02 (WO00/10688)  
[30] DE (198 37 845.9) 1998-08-20  
[30] DE (199 10 678.9) 1999-03-11

[21] **2,341,251**  
[13] A1

[51] **Int.Cl. 7A61B 18/14**  
[25] EN  
[54] **ELECTROCATHETER FOR INDUCING VESSEL STENOSYS HAVING TWO ARRAYS OF DIVERGING ELECTRODES**  
[54] **ELECTROCATHETER UTILISE POUR INDUIRE LA STENOSE DE VAISSEAUX COMPRENANT DEUX ENSEMBLES D'ELECTRODES DIVERGENTES**  
[72] FARLEY, BRIAN E., US  
[72] ZIKORUS, ARTHUR W., US  
[72] JONES, CHRISTOPHER S., US  
[72] PARKER, MARK P., US  
[72] TARTAGLIA, JOSEPH M., US  
[71] VNUS MEDICAL TECHNOLOGIES, INC., US  
[85] 2001-02-20  
[86] 1999-08-20 (PCT/US99/19193)  
[87] 2000-03-02 (WO00/10475)  
[30] US (09/138,472) 1998-08-21

[21] **2,341,254**  
[13] A1

[51] **Int.Cl. 7B05B 5/03 7B05B 7/14 7B05B 5/16**  
[25] EN  
[54] **MANUAL SPRAY COATING GUN**  
[54] **PISTOLET A COMMANDE MANUELLE POUR L'APPLICATION D'UN REVETEMENT EN POUDRE**  
[72] HAAS, GERALD, CH  
[71] ITW GEMA AG, CH  
[85] 2001-02-20  
[86] 1999-06-09 (PCT/EP99/03966)  
[87] 2000-03-02 (WO00/10723)  
[30] DE (198 38 275.8) 1998-08-22

[21] **2,341,271**  
[13] A1

[51] **Int.Cl. 7A61K 31/42 7C07D 261/12**  
[25] EN  
[54] **NOVEL ISOXAZOLINONE ANTIBACTERIAL AGENTS**  
[54] **NOUVEAUX AGENTS ANTIBACTERIENS A BASE D'ISOXAZOLINONE**  
[72] SNYDER, LAWRENCE B., US  
[72] ZHENG, ZHIZHEN, US  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
[85] 2001-02-19  
[86] 1999-08-23 (PCT/US99/19265)  
[87] 2000-03-02 (WO00/10566)  
[30] US (60/097,574) 1998-08-24

[21] **2,341,272**  
[13] A1

[51] **Int.Cl. 7H02K 16/04 7H02K 9/197 7H02K 1/20 7H02K 5/20 7H02K 1/27**  
[25] EN  
[54] **ELECTRICAL MACHINE WITH PERMANENT MAGNETS**  
[54] **MACHINE ELECTRIQUE A AIMANTS PERMANENTS**  
[72] LUCAS, CHRISTIAN, DE  
[72] EHRHART, PETER, DE  
[71] MAGNET-MOTOR GESELLSCHAFT FUR MAGNETMOTORISCHE TECHNIK MBH, DE  
[85] 2001-02-19  
[86] 1999-08-19 (PCT/EP99/06082)  
[87] 2000-03-02 (WO00/11777)  
[30] DE (198 38 378.9) 1998-08-24

[21] **2,341,278**  
[13] A1

[51] **Int.Cl. 7C07K 14/325 7A01H 5/00 7A01N 63/00 7C12N 15/32 7C12N 15/82**  
[25] EN  
[54] **MODIFIED SYNTHETIC DNA SEQUENCES FOR IMPROVED INSECTICIDAL CONTROL**  
[54] **SEQUENCES D'ADN SYNTHETIQUES MODIFIEES POUR UNE MEILLEURE ACTION INSECTICIDE**  
[72] KUVSHINOV, VIKTOR, FI  
[72] PEHU, EIJA, US  
[72] KANEREVA, ANNE, FI  
[72] KOIVU, KIMMO, FI  
[71] UNICROP LTD., FI  
[85] 2001-02-23  
[86] 1999-08-24 (PCT/FI99/00698)  
[87] 2000-03-02 (WO00/11025)  
[30] FI (981809) 1998-08-24

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[21] **2,341,295**  
[13] A1

[51] **Int.Cl. 7E21B 7/20 7E21B 43/08 7E21B 43/10**  
[25] EN  
[54] **DEVICE FOR DRILLING OR DRAINING HOLES IN SOIL OR ROCK**  
[54] **DISPOSITIF DE FORAGE ET DE DRAINAGE DE TROUS REALISES DANS LE SOL OU LA ROCHE**  
[72] MOCIVNIK, JOSEF, AT  
[72] BOHM, KARL, AT  
[71] **TECHMO ENTWICKLUNGS- UND VERTRIEBS GMBH, AT**  
[71] "ALWAG" TUNNELAUSBAU GESELLSCHAFT M.B.H., AT  
[85] 2001-02-20  
[86] 1999-08-20 (PCT/AT99/00207)  
[87] 2000-03-02 (WO00/11302)  
[30] AT (A 1429/98) 1998-08-21

[21] **2,341,296**  
[13] A1

[51] **Int.Cl. 7B32B 9/00**  
[25] EN  
[54] **VAPOR DEPOSITION FILM AND PACKAGING MATERIAL**  
[54] **FILM OBTENU PAR EVAPORATION SOUS VIDE**  
[72] KOMORI, TSUNENORI, JP  
[72] SEKIGUCHI, MAMORU, JP  
[72] KOIZUMI, FUMITAKE, JP  
[72] SASAKI, NOBORU, JP  
[72] SHIMATANI, KEN, JP  
[71] **TOPPAN PRINTING CO., LTD., JP**  
[85] 2001-02-20  
[86] 1999-02-24 (PCT/JP99/00848)  
[87] 2000-03-02 (WO00/10803)  
[30] JP (10/235611) 1998-08-21

[21] **2,341,299**  
[13] A1

[51] **Int.Cl. 7B23B 51/00**  
[25] EN  
[54] **DRILL TOOL ASSEMBLY**  
[54] **ENSEMBLE TREPAN**  
[72] STOKEY, TIMOTHY G., US  
[72] NUZZI, JOSEPH P., US  
[71] **ALLIED MACHINE & ENGINEERING CORP., US**  
[85] 2001-02-20  
[86] 1999-08-19 (PCT/US99/19109)  
[87] 2000-03-02 (WO00/10759)  
[30] US (09/137,647) 1998-08-21

[21] **2,341,301**  
[13] A1

[51] **Int.Cl. 7A01N 3/02 7A01N 27/00 7A01N 33/04 7A01N 31/06 7A23B 7/144 7A23B 7/152 7A23L 1/27 7C07C 5/31 7C07C 5/32 7C07C 5/42**  
[25] EN  
[54] **PLANT ETHYLENE RESPONSE INHIBITION COMPOUNDS AND COMPLEXES**  
[54] **COMPOSES ET COMPLEXES INHIBITEURS D'ETHYLENE DE REACTION CHEZ LES PLANTES**  
[72] KOURELIS, BOB, US  
[72] DALY, JAMES, US  
[71] **BIOTECHNOLOGIES FOR HORTICULTURE, INC., US**  
[85] 2001-02-20  
[86] 1999-06-30 (PCT/US99/14891)  
[87] 2000-03-02 (WO00/10386)  
[30] US (09/137,056) 1998-08-20

[21] **2,341,309**  
[13] A1

[51] **Int.Cl. 7C12Q 1/00 7A61K 38/00 7C07K 14/00**  
[25] EN  
[54] **USE OF MCRP FOR DELIVERY OF MATERIALS INTO CELLS**  
[54] **UTILISATION DE MCRP POUR L'APPORT DE SUBSTANCES DANS DES CELLULES**  
[72] POTEMLA, LAWRENCE A., US  
[72] DIEHL, EDWARD E., US  
[72] RADOSEVICH, JAMES A., US  
[71] **IMMTECH INTERNATIONAL INC., US**  
[85] 2001-02-26  
[86] 1999-08-19 (PCT/US99/18887)  
[87] 2000-03-02 (WO00/11207)  
[30] US (60/097,128) 1998-08-19

[21] **2,341,345**  
[13] A1

[51] **Int.Cl. 7C12P 41/00 7C12P 13/02**  
[25] EN  
[54] **ENZYME-CATALYZED RACEMIC CLEAVAGE OF PRIMARY AMINES**  
[54] **DISSOCIATION DES RACEMATES D'AMIDES PRIMAIRES CATALYSEE PAR ENZYME**  
[72] DITRICH, KLAUS, DE  
[72] NUBLING, CHRISTOPH, DE  
[72] DULLY, CHRISTIAN, DE  
[71] **BASF AKTIENGESSELLSCHAFT, DE**  
[85] 2001-02-19  
[86] 1999-08-13 (PCT/EP99/05958)  
[87] 2000-03-02 (WO00/11203)  
[30] DE (19837745.2) 1998-08-20

[21] **2,341,362**  
[13] A1

[51] **Int.Cl. 7B32B 7/12 7C09J 1/00 7B05D 5/10**  
[25] EN  
[54] **ADHESIVE COMPOSITION, ARTICLE, AND PROCESSES OF MANUFACTURE**  
[54] **COMPOSITION ADHESIVE, ARTICLE ET PROCEDES DE FABRICATION**  
[72] PATEL, TUSHAR, US  
[71] **H.R.TECHNOLOGIES, INC., US**  
[85] 2001-02-20  
[86] 1999-08-19 (PCT/US99/18723)  
[87] 2000-03-02 (WO00/10802)  
[30] US (09/137,124) 1998-08-20

[21] **2,341,364**  
[13] A1

[51] **Int.Cl. 7B61D 17/04 7B62D 29/00 7B62D 31/02**  
[25] EN  
[54] **A STRUCTURAL ELEMENT ARRANGED TO FORM AT LEAST A PART OF A SHELL OF A CAR BODY OF A RAILWAY VEHICLE**  
[54] **ELEMENT STRUCTUREL CONCU POUR FORMER AU MOINS UNE PARTIE DE LA CAISSE D'UNE VOITURE DE CHEMIN DE FER**  
[72] FORSBERG, PER, SE  
[72] VON WERNE, DIRK, BE  
[72] SVENDING, BJORN, SE  
[72] JOBACK, CONNY, SE  
[72] KARLSSON, STEFAN, SE  
[71] **DAIMLERCHRYSLER AG, DE**  
[85] 2001-02-20  
[86] 1999-08-18 (PCT/SE99/01399)  
[87] 2000-03-02 (WO00/10859)  
[30] SE (9802798-0) 1998-08-21

[21] **2,341,367**  
[13] A1

[51] **Int.Cl. 7B23B 27/00 7B26D 1/12**  
[25] EN  
[54] **FLAT BOTTOM TOOL**  
[54] **OUTIL DE PERCAGE POUR TROUS A FOND PLAT**  
[72] STOKEY, WILLIAM H., US  
[72] STOKEY, TIMOTHY G., US  
[72] NUZZI, JOSEPH P., US  
[71] **ALLIED MACHINE & ENGINEERING CORP., US**  
[85] 2001-02-20  
[86] 1999-08-20 (PCT/US99/19110)  
[87] 2000-03-02 (WO00/10757)  
[30] US (109/137,647) 1998-08-21

## PCT Applications Entering the National Phase

<p style="text-align: center;">[21] <b>2,341,370</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/34 7C07D 275/02 7C07D 277/02 7C07D 307/02 7C07D 401/02 7C07D 275/03 7C07D 209/04 7C07D 215/04 7C07D 217/04 7C07D 257/04 7C07D 295/04 7C07D 401/04 7C07D 271/06 7C07D 285/06 7C07D 295/06 7C07D 403/06 7C07D 405/06 7C07D 409/06 7C07D 413/06 7C07D 417/06 7C07D 271/07 7C07D 207/08 7C07D 209/08 7C07D 249/08 7C07D 285/08 7C07D 207/09 7C07D 249/10 7C07D 285/10 7C07D 295/10 7C07D 207/12 7C07D 209/12 7C07D 215/12 7C07D 217/12 7C07D 249/12 7C07D 285/12 7C07D 403/12 7C07D 405/12 7C07D 409/12 7C07D 413/12 7C07D 417/12 7C07D 285/125 7C07D 285/13 7C07D 285/135 7C07D 207/14 7C07D 209/14 7C07D 215/14 7C07D 249/14 7C07D 217/16 7C07D 277/20 7C07D 211/22 7C07D 277/22 7C07D 217/24 7C07D 277/24 7C07D 211/26 7C07D 277/26 7C07D 277/28 7C07D 307/34 7A61K 31/35 7C07D 215/36 7C07D 307/36 7C07D 215/38 7C07D 307/38 7C07D 307/40 7A61K 31/40 7A61K 31/405 7A61K 31/41 7A61K 31/415 7A61K 31/42 7A61K 31/425 7A61K 31/435 7A61K 31/44 7A61K 31/445 7C07D 307/46 7A61K 31/47 7A61K 31/495 7A61K 31/505 7C07D 307/52 7A61K 31/535 7C07D 233/54 7C07D 233/56 7C07D 233/60 7C07D 213/63 7C07D 213/70 7C07D 213/72 7C07D 211/82 7C07D 211/84 7C07D 211/86 7C07D 213/90</b></p> <p>[25] EN</p> <p>[54] <b>NOVEL SUBSTITUTED TRIAZOLE COMPOUNDS</b></p> <p>[54] <b>NOUVEAUX COMPOSES DE TRIAZOLE SUBSTITUES</b></p> <p>[72] ADAMS, JERRY L., US</p> <p>[72] LEE, DENNIS, US</p> <p>[71] SMITHKLINE BEECHAM CORPORATION, US</p> <p>[85] 2001-02-20</p> <p>[86] 1999-08-17 (PCT/US99/18640)</p> <p>[87] 2000-03-02 (WO00/10563)</p> <p>[30] US (60/097,322) 1998-08-20</p> <p>[30] US (60/097,300) 1998-08-20</p> <p>[30] US (60/097,302) 1998-08-20</p>	<p style="text-align: center;">[21] <b>2,341,371</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G05B 11/00</b></p> <p>[25] EN</p> <p>[54] <b>CONTROLLERS THAT DETERMINE OPTIMAL TUNING PARAMETERS FOR USE IN PROCESS CONTROL SYSTEMS AND METHODS OF OPERATING THE SAME</b></p> <p>[54] <b>COMMANDES DETERMINANT LES PARAMETRES DE MISE AU POINT OPTIMAUX DESTINES A ETRE UTILISES DANS DES SYSTEMES DE COMMANDE DE PROCESSUS, ET LEURS PROCEDES D'EXPLOITATION</b></p> <p>[72] LU, Z. JOSEPH, US</p> <p>[71] HONEYWELL INC., US</p> <p>[85] 2001-02-20</p> <p>[86] 1999-08-05 (PCT/US99/17763)</p> <p>[87] 2000-03-02 (WO00/11525)</p> <p>[30] US (09/137,358) 1998-08-20</p>	<p style="text-align: center;">[21] <b>2,341,387</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08F 4/00 7C08F 292/00 7C08F 4/40</b></p> <p>[25] EN</p> <p>[54] <b>METHOD FOR PRODUCING DEFINED LAYERS OR LAYER SYSTEMS</b></p> <p>[54] <b>PROCEDE PERMETTANT DE PRODUIRE DES COUCHES OU DES SYSTEMES DE COUCHES DEFINIS</b></p> <p>[72] WURM, HELLMUTH, DE</p> <p>[72] BOTTCHEER, HENRIK, DE</p> <p>[72] HALLENSLEBEN, MANFRED L., DE</p> <p>[71] WURM, HELLMUTH, DE</p> <p>[71] BOTTCHEER, HENRIK, DE</p> <p>[71] HALLENSLEBEN, MANFRED L., DE</p> <p>[85] 2001-02-21</p> <p>[86] 1999-08-17 (PCT/EP99/06009)</p> <p>[87] 2000-03-02 (WO00/11043)</p> <p>[30] DE (198 38 241.3) 1998-08-22</p>
<p style="text-align: center;">[21] <b>2,341,373</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B05B 7/14</b></p> <p>[25] EN</p> <p>[54] <b>POWDER COATING DEVICE</b></p> <p>[54] <b>DISPOSITIF D'APPLICATION DE REVETEMENT EN POUDRE</b></p> <p>[72] MICHAEL, HANS PETER, CH</p> <p>[72] HAAS, GERALD, CH</p> <p>[71] ITW GEMA AG, CH</p> <p>[85] 2001-02-21</p> <p>[86] 1999-06-09 (PCT/EP99/03968)</p> <p>[87] 2000-03-02 (WO00/10727)</p> <p>[30] DE (198 38 269.3) 1998-08-22</p>	<p style="text-align: center;">[21] <b>2,341,378</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04L 12/56 7H04Q 11/04 7H04L 29/06</b></p> <p>[25] EN</p> <p>[54] <b>APPARATUS AND METHOD FOR A REMOTE ACCESS SERVER</b></p> <p>[54] <b>APPAREIL ET PROCEDE POUR SERVEUR D'ACCES A DISTANCE</b></p> <p>[72] HLUCHYJ, MICHAEL G., US</p> <p>[72] RISICA, ANTHONY J., US</p> <p>[71] SONUS NETWORKS, US</p> <p>[85] 2001-02-21</p> <p>[86] 1999-06-24 (PCT/US99/14552)</p> <p>[87] 2000-03-02 (WO00/11843)</p> <p>[30] US (09/138,182) 1998-08-21</p>	<p style="text-align: center;">[21] <b>2,341,388</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B60Q 1/04</b></p> <p>[25] EN</p> <p>[54] <b>VEHICLE LIGHT ASSEMBLY WITH DIFFUSER STRUCTURE</b></p> <p>[54] <b>ECLAIRAGE POUR VEHICULE AVEC STRUCTURE DIFFUSEUSE</b></p> <p>[72] SAVANT, GAJENDRA D., US</p> <p>[72] LAINE, JEFFREY A., US</p> <p>[72] SHIE, RICK L., US</p> <p>[71] PHYSICAL OPTICS CORPORATION, US</p> <p>[85] 2001-02-21</p> <p>[86] 1999-08-24 (PCT/US99/19366)</p> <p>[87] 2000-03-02 (WO00/10835)</p> <p>[30] US (09/139,377) 1998-08-25</p>
<p style="text-align: center;">[21] <b>2,341,378</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04L 12/56 7H04Q 11/04 7H04L 29/06</b></p> <p>[25] EN</p> <p>[54] <b>APPARATUS AND METHOD FOR A REMOTE ACCESS SERVER</b></p> <p>[54] <b>APPAREIL ET PROCEDE POUR SERVEUR D'ACCES A DISTANCE</b></p> <p>[72] HLUCHYJ, MICHAEL G., US</p> <p>[72] RISICA, ANTHONY J., US</p> <p>[71] SONUS NETWORKS, US</p> <p>[85] 2001-02-21</p> <p>[86] 1999-06-24 (PCT/US99/14552)</p> <p>[87] 2000-03-02 (WO00/11843)</p> <p>[30] US (09/138,182) 1998-08-21</p>	<p style="text-align: center;">[21] <b>2,341,390</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08L 23/04 7B65D 33/00 7C08J 5/18</b></p> <p>[25] EN</p> <p>[54] <b>LIQUID PACKAGES HAVING IMPROVED LEAKER FREQUENCY PERFORMANCE</b></p> <p>[54] <b>EMBALLAGES CONTENANT DES LIQUIDES A ETANCHEITE AMELIOREE</b></p> <p>[72] CLIMENHAGE, DAVID CHARLES, CA</p> <p>[72] SMILLIE, BENJAMIN ANDREW, CA</p> <p>[71] DUPONT CANADA INC., CA</p> <p>[85] 2001-02-21</p> <p>[86] 1999-08-20 (PCT/CA99/00775)</p> <p>[87] 2000-03-02 (WO00/11074)</p> <p>[30] US (60/097,427) 1998-08-21</p>	

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[21] **2,341,391**  
[13] A1

[51] **Int.Cl. 7G02F 1/1335**  
[25] EN  
[54] **PASSIVE MATRIX LIQUID CRYSTAL DISPLAY**  
[54] **AFFICHAGE A CRISTAUX LIQUIDES A MATRICE PASSIVE**  
[72] SAVANT, GAJENDRA D., US  
[72] LAINE, JEFFREY A., US  
[72] SHIE, RICK L., US  
[71] PHYSICAL OPTICS CORPORATION, US  
[85] 2001-02-21  
[86] 1999-08-25 (PCT/US99/19777)  
[87] 2000-03-02 (WO00/11517)  
[30] US (09/139,455) 1998-08-25

[21] **2,341,392**  
[13] A1

[51] **Int.Cl. 7G02B 5/18**  
[25] EN  
[54] **DEVICE INCLUDING AN OPTICAL ELEMENT WITH AN INTEGRAL SURFACE DIFFUSER**  
[54] **DISPOSITIF COMPORTANT UN ELEMENT OPTIQUE POURVU D'UN DIFFUSEUR DE SURFACE SOLIDAIRE**  
[72] SHIE, RICK L., US  
[72] LAINE, JEFFREY A., US  
[72] SAVANT, GAJENDRA D., US  
[71] PHYSICAL OPTICS CORPORATION, US  
[85] 2001-02-21  
[86] 1999-08-25 (PCT/US99/19673)  
[87] 2000-03-02 (WO00/11504)  
[30] US (09/139,444) 1998-08-25

[21] **2,341,401**  
[13] A1

[51] **Int.Cl. 7B21B 17/02 7F16F 9/02**  
[25] EN  
[54] **METHOD OF MANUFACTURING GAS SPRINGS**  
[54] **PROCEDE DE PRODUCTION DE RESSORTS A GAZ**  
[72] JEFFRIES, MARK S., US  
[71] AVM, INC., US  
[85] 2001-02-21  
[86] 1999-08-20 (PCT/US99/19022)  
[87] 2000-03-02 (WO00/10742)  
[30] US (60/097,480) 1998-08-21

[21] **2,341,408**  
[13] A1

[51] **Int.Cl. 7C03B 8/02**  
[25] EN  
[54] **HIGH EFFICIENCY MONOLITHIC GLASS LIGHT SHAPING DIFFUSER AND METHOD OF MAKING**  
[54] **DIFFUSEUR HOLOGRAPHIQUE EN VERRE MONOLITHIQUE DE HAUTE EFFICACITE ET PROCEDE DE FABRICATION**  
[72] SAVANT, GAJENDRA D., US  
[71] PHYSICAL OPTICS CORPORATION, US  
[85] 2001-02-21  
[86] 1999-08-24 (PCT/US99/19477)  
[87] 2000-03-02 (WO00/10929)  
[30] US (09/139,379) 1998-08-25

[21] **2,341,415**  
[13] A1

[51] **Int.Cl. 7G01C 21/20**  
[25] EN  
[54] **METHOD AND APPARATUS FOR AN ACCELERATED RADIUS SEARCH**  
[54] **PROCEDE ET APPAREIL POUR LA RECHERCHE ACCELEREE DE RAYON**  
[72] CHAN, LEO, US  
[72] WAI, KING-SUN, US  
[72] MUSK, ELON, US  
[71] MYWAY.COM CORPORATION, US  
[85] 2001-02-21  
[86] 1999-07-27 (PCT/US99/17067)  
[87] 2000-03-02 (WO00/11435)  
[30] US (09/138,185) 1998-08-21

[21] **2,341,416**  
[13] A1

[51] **Int.Cl. 7A61B 5/02**  
[25] EN  
[54] **APPARATUS AND METHOD FOR MEASURING PULSE TRANSIT TIME**  
[54] **APPAREIL ET PROCEDE PERMETTANT DE MESURER LE TEMPS DE TRANSIT D'IMPULSION**  
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[72] GERDT, DAVID W., US  
[72] BARUCH, MARTIN C., US  
[71] ADKINS, CHARLES, US  
[71] GERDT, DAVID W., US  
[71] BARUCH, MARTIN C., US  
[85] 2001-02-21  
[86] 1999-08-24 (PCT/US99/19258)  
[87] 2000-03-02 (WO00/10453)  
[30] US (60/097,618) 1998-08-24  
[30] US (60/126,339) 1999-03-26

[21] **2,341,419**  
[13] A1

[51] **Int.Cl. 7B01D 19/02**  
[25] EN  
[54] **FOAM CONTROL**  
[54] **ELIMINATION DE LA MOUSSE**  
[72] HAMMOND, PETER, GB  
[71] THE VICTORIA UNIVERSITY OF MANCHESTER, GB  
[85] 2001-02-21  
[86] 1999-08-12 (PCT/GB99/02649)  
[87] 2000-03-02 (WO00/10679)  
[30] GB (9818179.5) 1998-08-21

[21] **2,341,547**  
[13] A1

[51] **Int.Cl. 7G01R 31/00 7G01R 29/08**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ELECTROMAGNETIC EMISSIONS TESTING**  
[54] **TECHNIQUE D'ESSAI D'EMISSIONS ELECTROMAGNETIQUES ET APPAREIL AFFECTE**  
[72] CARPENTER, DARREN JAMES, GB  
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB  
[85] 2001-02-23  
[86] 1999-08-23 (PCT/GB99/02768)  
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[30] EP (98306754.7) 1998-08-24  
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[51] **Int.Cl. 7H01H 73/00 7H01H 75/00 7H02H 3/00 7H02H 9/00 7H01H 83/06 7H02H 9/08 7H01H 73/12 7H02H 3/16 7H02H 3/26 7H02H 3/32**  
[25] EN  
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[54] **DISPOSITIF D'INTERRUPTION DE CIRCUIT A DECLENCHEMENT INDEPENDANT ET VERROUILLAGE DE REARMEMENT**  
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[72] DISALVO, NICHOLAS L., US  
[72] GERMAIN, FRANTZ, US  
[72] STEWART, STEPHEN, US  
[72] HERZFELD, DAVID, US  
[72] BRADLEY, ROGER M., US  
[71] LEVITON MANUFACTURING CO., INC., US  
[85] 2001-02-23  
[86] 1999-08-24 (PCT/US99/19319)  
[87] 2000-03-02 (WO00/11696)  
[30] US (09/138,955) 1998-08-24  
[30] US (09/369,759) 1999-08-06  
[30] US (09/379,138) 1999-08-20

[21] **2,341,624**  
[13] A1

[51] **Int.Cl. 7A61K 9/72 7A61K 9/14**  
[25] EN  
[54] **STABLE SPRAY-DRIED PROTEIN FORMULATIONS**  
[54] **FORMULATIONS PROTEIQUES ATOMISEES STABLES**  
[72] HRKACH, JEFFREY S., US  
[72] EDWARDS, DAVID A., US  
[71] ADVANCED INHALATION RESEARCH, INC., US  
[85] 2001-02-26  
[86] 1999-08-25 (PCT/US99/19306)  
[87] 2000-03-02 (WO00/10541)  
[30] US (60/097,796) 1998-08-25

[21] **2,341,638**  
[13] A1

[51] **Int.Cl. 7A61K 45/00 7A61K 48/00 7C12N 15/19 7A61K 31/70**  
[25] EN  
[54] **PREVENTIVES/REMEDIES FOR ARTERIOSCLEROSIS AND POST-PTCA REANGIOSTENOSIS**  
[54] **MEDICAMENT POUR LE TRAITEMENT ET/OU LA PREVENTION DE L'ARTERIOSCLEROSE ET DE LA REANGIOSTENOSE POST-ACTP**  
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[72] KADOMATSU, KENJI, JP  
[72] MURAMATSU, TAKASHI, JP  
[72] SAKUMA, SADATOSHI, JP  
[72] IKEMATSU, SHINYA, JP  
[71] MEIJI MILK PRODUCTS CO., LTD., JP  
[71] MURAMATSU, TAKASHI, JP  
[85] 2001-02-21  
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[87] 2000-03-02 (WO00/10608)  
[30] JP (10/251812) 1998-08-24

[21] **2,341,660**  
[13] A1

[51] **Int.Cl. 7C22C 19/05 7C22F 1/10**  
[25] EN  
[54] **MODIFIED NICKEL-CHROMIUM-ALUMINUM-IRON ALLOY**  
[54] **ALLIAGE NICKEL-CHROME-ALUMINUM-FER MODIFIE**  
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[72] VALYKEO, STANLEY JAMES, US  
[71] HOSKINS MANUFACTURING COMPANY, US  
[85] 2001-02-22  
[86] 1999-08-11 (PCT/US99/18187)  
[87] 2000-03-02 (WO00/11230)  
[30] US (09/138,484) 1998-08-24

[21] **2,341,670**  
[13] A1

[51] **Int.Cl. 7G02B 1/04**  
[25] EN  
[54] **PLASTIC OPTICAL FIBER**  
[54] **FIBRE OPTIQUE EN MATIERE PLASTIQUE**  
[72] DULTZ, WOLFGANG, DE  
[72] HEITMANN, WALTER, DE  
[72] BECKER, ERICH, DE  
[71] Quante AG, DE  
[85] 2001-02-22  
[86] 1999-08-12 (PCT/EP99/05920)  
[87] 2000-03-02 (WO00/11497)  
[30] DE (198 38 499.8) 1998-08-25  
[30] DE (198 49 383.5) 1998-10-27

[21] **2,341,823**  
[13] A1

[51] **Int.Cl. 7G06T 7/00 7G06K 9/46**  
[25] EN  
[54] **IMAGE PROCESSING APPARATUS AND METHOD**  
[54] **APPAREIL ET PROCEDE POUR LE TRAITEMENT D'IMAGES**  
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[72] BINFORD, THOMAS, US  
[71] HOLDING B.E.V. S.A., LU  
[71] PIRIM, PATRICK, FR  
[71] BINFORD, THOMAS, US  
[85] 2001-02-23  
[86] 1999-01-25 (PCT/EP99/00425)  
[87] 2000-03-02 (WO00/11609)  
[30] EP (PCT/EP98/05383) 1998-08-25

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ASSENHEIMER, KEVIN C.	2,323,953	BRACE POINT RAILINGS	2,322,402	CITIBANK, N.A.	2,324,124
ATASSI, GHANEM	2,324,495	BRATTEN, JACK R.	2,323,276	CLEAR, KENNETH C.	2,289,887
ATLAS ROOFING CORPORATION	2,314,680	BRAUBACH, WILFRIED	2,324,174	CLIMCON A/S	2,287,468
AVAYA TECHNOLOGY CORP.	2,324,177	BRINN, HERBERT P.	2,316,575	COLLINS, BRIAN ROBERT JOHN	2,313,287
AYALA, RICHARD L.	2,320,503	BRINN, INC.	2,316,575	CORDIS CORPORATION	2,324,577
BACHATENE, HELENE	2,323,137	BROCK, RONNIE J.	2,288,536	CORNIC, DANIEL	2,324,429
BAKER HUGHES INCORPORATED	2,306,523	BROOKS, GRANT	2,287,594	CORPORATION DU CENTRE DE RECHERCHE DU CENTRE HOSPITALIER DE L'UNIVERSITÉ	2,286,512
BAKER HUGHES INCORPORATED	2,323,290	BROOKS, GRANT	2,324,744	CPI SALES & MFG., INC.	2,324,632
BAKER HUGHES INCORPORATED	2,324,705	BRYRUP, NIELS POUL	2,287,468	CRANE COMPANY	2,323,218
BALAN, GABI	2,287,270	BUCHOLTZ, ALEXANDER	2,287,574	CRANE COMPANY	2,323,292
BARRETT, ROBERT CARL	2,317,819	BURGUERA, ELIO C.	2,324,400	CREWS, DOUGLAS	2,323,388
BATH & BODY WORKS, INC.	2,323,300	BURGUERA, ELIO C.	2,324,532	CRISP, IAN	2,287,734
BATHE, BRIGITTE	2,322,553	BURTON, SCOTT RICHARD	2,324,423	CROCE, FAUSTO	2,324,127
		BUTLER, TERRI L.	2,325,033	CRYOVAC, INC.	2,323,374
		CABLE TELEVISION LABORATORIES, INC.	2,324,790	CRYOVAC, INC.	2,324,388
		CAMCO INC.	2,287,728	DAIMLERCHRYSLER AG	2,324,432
		CAMERON, MICHAEL W.	2,287,568	DAISO CO., LTD.	2,324,395
		CAMERON, MICHAEL W.	2,287,576	DALKO, MARIA	2,324,433
		CAMPOS, EDUARDO ENRRIQUE ARGUELLO	2,296,216		
		CANADIAN DOWNHOLE DRILL SYSTEMS INC.	2,288,494		

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DAYCO PRODUCTS, INC.	2,323,953	FRANEY, JOHN PHILIP	2,322,737	HEINLEY, DAVE L.	2,288,494
DEERE & COMPANY	2,323,978	FRANTZ, DONALD DIETER	2,324,894	HENKEL	
DEERE & COMPANY	2,323,979	FRANZ, KLAUS-DIETER	2,324,630	KOMMANDITGESELLSC	
DEERE & COMPANY	2,323,988	FREEDOMPAY, INC.	2,323,673	HAFT AUF AKTIEN	2,324,336
DEFRANCE, ROBERT V.	2,323,313	FUERTES, PATRICK	2,323,956	HENNING, MARK R.	2,323,218
DEGUSSA-HULS		FUJII, TOSHITAKA	2,324,539	HENRY, PAUL J.	2,324,198
AKTIENGESELLSCHAFT	2,321,975	FUJII, TOSHITAKA	2,324,676	HERZIG, HUGO	2,324,534
DEGUSSA-HULS		FUTAMI, HIROSHI	2,324,552	HIGGINBOTHAM, PAUL	2,323,330
AKTIENGESELLSCHAFT	2,322,553	GALENIX DEVELOPEMENT	2,287,800	HO, I-CHUNG	2,315,028
DEGUSSA-HULS		GALLASSI, GIORGIO	2,323,277	HOLLAND, JIMMIE J.	2,324,705
AKTIENGESELLSCHAFT	2,323,840	GAMBLE, RONALD P. SR.	2,323,260	HOLLAND, SIMON P.	2,287,150
DEMAREST, PHILLIP W.	2,324,589	GARLOCK EQUIPMENT COMPANY	2,324,087	HOLMES, ANDREW D.	2,291,305
DENG, KEQIANG	2,310,769	GATES AUTOMATION, INC.	2,324,752	HONG JIN CROWN CORPORATION LTD.	2,293,039
DILL, COLBY III	2,323,188	GATES, GEORGE C.	2,324,752	HONG, WAN-KI	2,293,039
DITCHBURN, GLEN	2,287,675	GATES, ROD S.	2,324,752	HONSINGER, CHRIS W.	2,316,786
DONOHUE, PATRICK	2,320,569	GENERAL ELECTRIC COMPANY	2,323,242	HORAK, ROELOF MARTHINUS	2,324,538
DRABON, RODSCHA	2,324,432	GENERAL ELECTRIC COMPANY	2,323,829	HORIE, YASUNOBU	2,287,622
DREUX, JEAN-LOUIS	2,323,956	GENERAL ELECTRIC COMPANY	2,324,185	HORIGAN, LEE	2,291,305
DROUIN, DOMINIQUE	2,287,671	GENERAL ELECTRIC COMPANY	2,324,633	HOSOKAWA, TADATOSHI	2,324,530
DRY, RODNEY JAMES	2,324,782	GENERAL ELECTRIC COMPANY	2,324,712	HUAN, FANG-FE S.	2,324,177
DUMATS, JACQUELINE	2,324,433	GENERAL ELECTRIC CORPORATION	2,316,486	HUANG, SUJIAN	2,324,766
DUNLOP, ALFRED EARL	2,323,649	GENESIS SYSTEMS GROUP, LTD.	2,314,525	HUANG, YIN HAN	2,287,762
DURAND, FRANCOIS	2,324,427	GHANMA, EMAN	2,299,019	HUBBELL INCORPORATED	2,323,313
DUROVSIK, THOMAS E.	2,323,673	GIBSON, DAVID RICHARD	2,324,185	HUDSON, RICHARD	2,289,145
DUSCH, NICOLE	2,322,553	GIESEN, BRIGITTE	2,324,336	HUFFMAN, JOHN P.	2,323,218
DUTTA, RABINDRANATH	2,317,819	GILFORD, LUTHER G.	2,287,680	HUGUES, FRANCOIS	2,323,986
EASTMAN KODAK COMPANY	2,316,786	GOFFINET, DEBORAH LYNN	2,323,265	HUTHMACHER, KLAUS	2,323,840
EGAWA, YOSHINOBU	2,287,622	GOOD, DAVID M.	2,322,607	HYDRA NOR INTERNATIONAL LTD.	2,287,734
EGGELING, LOTHAR	2,321,975	GOODHOPE, KENNETH C.	2,287,615	IDOGAKI, HIDEAKI	2,324,395
ELLSBERG, THOMAS R.	2,287,099	GOTTSMANN, CHRISTIAN FRIEDRICH	2,324,398	ILLINOIS TOOL WORKS INC.	2,317,220
ELTRON INTERNATIONAL, INC.	2,312,448	GRENIER, NELSON	2,287,621	ILLINOIS TOOL WORKS INC.	2,318,003
ENI S.P.A.	2,323,986	GRENIER, NELSON	2,324,160	ILLINOIS TOOL WORKS INC.	2,319,302
ENVIRONAMICS CORPORATION	2,324,619	GRINER, PAUL K.	2,323,292	ILLINOIS TOOL WORKS INC.	2,319,305
EVENFLO COMPANY, INC.	2,287,290	GROT, STEPHEN A.	2,316,486	ILLINOIS TOOL WORKS INC.	2,324,068
EWANTED.COM CORPORATION	2,299,019	GROTE INDUSTRIES, INC.	2,324,164	IMI CORNELIUS INC.	2,324,198
EXCELSUS TECHNOLOGIES, INC.	2,318,588	GUERET, JEAN-LOUIS H.	2,324,040	IMI CORNELIUS INC.	2,324,200
FAIR, PAUL	2,287,290	GUILLARD, ALAIN	2,323,823	INAOKA, MITSUHIKO	2,324,150
FANG, ZHIGANG	2,324,766	GUINN, KEITH V.	2,322,735	INDERBITZEN, MARK N.	2,324,577
FANTON, MYRON D.	2,323,861	GUINN, KEITH V.	2,322,737	INOUE, MITSUTERU	2,324,539
FARQUHARSON, KEITH D.	2,287,593	GUNTHER, RALPH	2,292,338	INOUE, MITSUTERU	2,324,676
FEMPRO INC.	2,287,135	GURR, WAYNE O.	2,287,583	INSTITUT FRANCAIS DU PETROLE	2,323,986
FEREZ, PATRICK	2,324,117	HAKKINEN, JOHN	2,324,538	INTERNATIONAL BUSINESS MACHINES CORPORATION	2,317,819
FERTON HOLDING	2,287,715	HANYOKOGYO KABUSHIKI KAISHA	2,324,150	INTERNATIONAL THERMAL INVESTMENTS LTD.	2,287,546
FILTRA-SYSTEMS COMPANY	2,323,276	HASHIMOTO, YUKIHIRO	2,287,577	INTEVEP, S.A.	2,287,530
FITZPATRICK, MICHAEL A.	2,323,242	HASHIMUKAI, HIDEHARU	2,287,622	INTUIT INC.	2,291,305
FLEMING, LEONARD WILLIAM	2,287,546	HASSELBACH, HANS JOACHIM	2,323,840	IRVIN, SCOT ALAN	2,324,118
FLY, GERALD	2,316,486	HAUNI MASCHINENBAU AG	2,324,031	ISSAQUAH DEVELOPMENT CO., DBA IDEA DEVELOPMENT CO.	2,323,388
FONTAINE, BERNARD	2,324,427	HAUPT, GERALD	2,287,715	ITALTEL SPA	2,323,277
FORD, MICHAEL EDWARD	2,323,297	HEALY, STEPHEN R.	2,324,577	IVEY, GREGORY S.	2,323,218
FORD, MICHAEL EDWARD	2,323,297	HEATHERWICK, ALAN E.	2,323,861	JACQUES, ANDRÉ	2,290,097
FORESTIER, SERGE	2,324,054	HEIDER, UDO	2,324,127	JERKLIND, JONAS	2,323,943
FORESTIER, SERGE	2,324,056	HEIDER, UDO	2,324,630	JIN, SUNGHO	2,322,714
FORMOLO, JOSEPH F.	2,319,877			JOHN ZINK COMPANY, LLC	2,316,655
FORSBERG, KARL-ERIK	2,324,789			JOHNS, WILLIAM F.	2,287,659
FORSCHUNGSZENTRUM JULICH GMBH	2,321,975			JOLY, GÉRALD	2,290,935
FRANCK, FELIX	2,324,402			JUN, SUNG BAE	2,323,960
FRANET, ROGER	2,323,978				

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KANAI, YASUHIRO	2,287,631	LINENDMANN, THOMAS W.	2,324,531	MCCULLOUGH, ANDREW W.	2,322,412
KANSAI PAINT CO., LTD.	2,324,188	LITA, CHRISTIAN	2,317,819	MCMURTRY, DAVID	2,291,305
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KASAI, NAOYA	2,324,395	LONG, MICHAEL S.	2,324,200	MEHTA, DEEPAK H.	2,319,305
KATO, HIDEKI	2,324,539	LOPEZ, JUAN M.	2,324,090	MEINE, GEORG	2,324,336
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KATO, KENICHI	2,324,125	L'OREAL	2,324,023	MENNE, ANDREAS	2,287,715
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KAWAKAMI, YOSHIHIRO	2,324,088	L'OREAL	2,324,047	GESELLSCHAFT MIT	
KELSAN TECHNOLOGIES		L'OREAL	2,324,054	BESCHRANKTER	
CORPORATION	2,319,877	L'OREAL	2,324,056	HAFTUNG	2,324,127
KENLEY, RICKY LEE	2,324,081	L'OREAL	2,324,425	MERCK PATENT	
KENNERKNECHT, NICOLE	2,321,975	L'OREAL	2,324,433	GESELLSCHAFT MIT	
KENNY, GRAHAM KEVIN	2,324,120	L'OREAL	2,324,489	BESCHRANKTER	
KENNY, MARGARET MARY	2,324,120	LPA MEDICAL INC.	2,323,398	HAFTUNG	2,324,630
KESKAR, NITIN RAMESH	2,324,398	LU, DAOZHENG	2,310,769	MERESSE, PHILIPPE	2,324,495
KIHARA, NOBUYUKI	2,323,993	LUCENT TECHNOLOGIES		MERLET, THOMAS	2,324,490
KIHARA, NOBUYUKI	2,324,133	INC.	2,322,714	METALGRAFICA ROJEK	
KIKO, FREDERICK J.	2,318,588	LUCENT TECHNOLOGIES		LTDA	2,314,416
KIM, JUNGSANG	2,322,714	INC.	2,322,735	MÉTHOT, JEAN-LOUIS	2,290,177
KIRK, DONALD W.	2,287,648	LUCENT TECHNOLOGIES		MEYERS, JAMES A.	2,291,989
KIRSCH, STEFAN	2,324,894	INC.	2,322,737	MEYERS, KENNETH A.	2,291,989
KITAMURA, ATSUSHI	2,324,539	LUCENT TECHNOLOGIES		MICHAEL W. CAMERON,	
KITAMURA, ATSUSHI	2,324,676	INC.	2,322,930	carrying on business as	
KIZNA.COM INC.	2,324,173	LUCENT TECHNOLOGIES		M.W. MANAGEMENT	2,287,568
KLAAS, MURRAY	2,287,728	INC.	2,323,279	MIDWAY AMUSEMENT	
KNAUF, THOMAS	2,324,174	LUCENT TECHNOLOGIES		GAMES, LLC	2,324,551
KRAFT FOODS, INC.	2,324,118	INC.	2,323,281	MIKOL, ERWIN F.	2,322,918
KRILL, STEFFEN	2,323,840	LUCENT TECHNOLOGIES		MINEBEA CO., LTD.	2,324,539
KROSHUS, ROS	2,287,568	INC.	2,323,649	MINEBEA CO., LTD.	2,324,676
KRZYWICKI, ANDRZEJ Z.	2,287,564	LYONS, MARTIN G.	2,322,402	MITCHELL, CHAUNCEY T.,	
KUHNER, ANDREAS	2,324,630	MAAS, OLIVIER	2,324,490	JR.	2,322,607
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L'AIR LIQUIDE, SOCIETE		MACCARTER, DEAN J.	2,325,033	MITEL CORPORATION	2,324,543
ANONYME POUR		MACISAAC, BRIAN	2,324,543	MITEL CORPORATION	2,324,684
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L'EXPLOITATION DES		MAHON, JOHN D.	2,286,515		2,324,689
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LAM, TONY M.	2,287,593	MAIER, STEVEN EDWARD	2,288,419	MITSUBISHI HEAVY	
LAM, YUK-MING PETER	2,324,177	MALCOLM, ARCELIO J.	2,287,151	INDUSTRIES, LTD.	2,287,577
LAMANDE, ALAIN	2,324,437	MAMAK, WALTER J.	2,323,861	MITSUBISHI HEAVY	
LAMBIN, ANNE	2,323,956	MANGELSON, JAN C.	2,314,525	INDUSTRIES, LTD.	2,287,631
LAMMLI, ERNEST	2,307,489	MANZIONE, LOUIS THOMAS	2,322,737	MITSUBISHI HEAVY	
LANG, JERRY M.	2,316,655	MARION, MARIE-CLAIRE	2,323,986	INDUSTRIES, LTD.	2,324,552
LANGEVIN, YVES	2,287,629	MARKARIAN, HOFSEB K.	2,295,460	MITSUBISHI STEEL MFG.	
LANGSTON, JEFFREY A.	2,291,305	MAROIS, YANICK	2,287,675	CO., LTD.	2,287,116
LAVALLEE, ERIC	2,287,671	MARTIN, BEATRICE	2,320,537	MIURA, HIDESHI	2,324,530
LE BOT, PATRICK	2,323,823	MARUTSUKA, TOSHINORI	2,324,169	MIYAZAKI, TAKASHI	2,325,065
LEBLANC, MARC-ANDRÉ	2,287,548	MASADA, JUNICHIRO	2,287,577	MIYAZAWA, YOICHI	2,324,173
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LEE, JACK	2,287,278	KEMPER GMBH & CO KG		MOEN INCORPORATED	2,322,918
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LEE, SUK JAE	2,324,171	MASTENBROOK, S. MARTIN	2,323,188	MONNERET, CLAUDE	2,324,495
LEFEVRE, PHILIPPE	2,324,117	MASUCCI, JEFFREY A.	2,323,188	MOORE, THOMAS E.	2,324,790
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LEVITON MANUFACTURING		MATTEL, INC.	2,323,855	MUKAI, HIROSHI	2,324,125
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LG ELECTRONICS INC.	2,323,960	MANUFACTURING INC.	2,287,426	TECHNOLOGY, INC.	2,321,148

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NAKANE, KENJI	2,324,088	PFIZER PRODUCTS INC.	2,324,116	GMBH	2,292,338
NATIONAL RESEARCH		PHON-NET.COM. INC.	2,313,287	ROCKWELL ELECTRONIC	
COUNCIL OF CANADA	2,286,515	PHYTOPHARM PLC	2,324,538	COMMERCE	
NEC CORPORATION	2,325,065	PICKENS, JON DAVID	2,289,145	CORPORATION	2,320,569
NEUROTH, DAVID H.	2,323,290	PIERCE, RODNEY J.	2,324,089	ROCKWOOD, ROBERT E.	2,324,619
NIELSEN MEDIA RESEARCH,		PIERRE, ALAIN	2,324,495	RODIE-TALBERE, HENRI	2,323,941
INC.	2,310,769	PIGNAULT, BERNARD	2,324,430	ROJEK, ARNALDO	2,314,416
NIEN MADE ENTERPRISE		PINEAULT, MARCEL	2,288,170	ROMEO, MARLIN	2,287,732
CO., LTD.	2,287,544	PIRELLI CABLES AND		ROQUETTE FRERES	2,323,956
NIEN, MING	2,287,544	SYSTEMS LLC	2,324,089	ROQUETTE FRERES	2,324,117
NIKKO CO., LTD.	2,308,816	PISSON, ANNE-MARIE	2,324,047	ROSSET, RENE	2,287,584
NISHIDA, YASUNORI	2,324,088	PISSON, ANNE-MARIE	2,324,056	ROSZAK, ROBERT	2,287,696
NISHIWAKI, KENTARO	2,324,202	PISSON, ANNE-MARIE	2,324,425	ROUTLIFFE, STEPHEN GUY	2,324,684
NISSHINBO INDUSTRIES INC.		POH, PATRICK	2,324,090	ROY-AUBERGER, MAGALIE	2,323,986
	2,324,169	PONS, ROBERT M.	2,323,673	RUSSELL, PAULINE H.	2,291,927
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NORDSTROM, CARL B.	2,323,313	INC.	2,288,370	FRANCIS	2,317,819
NORTEL NETWORKS		POTRATZ, JAMIE ALLAN	2,287,615	SAHM, HERMANN	2,321,975
CORPORATION	2,310,679	POWERS, EDWARD J.	2,324,081	SAKASHITA, SHYUICHI	2,287,116
NORTHERN DIGITAL INC.	2,324,894	PRASAD, RAVI	2,324,398	SALOME, JEAN-PAUL	2,324,117
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NOVALES, ALBERTO SANZ	2,324,183	PREMARK RWP HOLDINGS,		ELECTRONICS CO., LTD.	2,311,984
OBALLA, MICHAEL C.	2,287,564	INC.	2,320,503	SANDSTROM, PAUL HARRY	2,316,010
ODSTRCIL, GLENN L.	2,320,503	PRESNELL, ELDRIDGE	2,319,302	SANO, SHIGEKI	2,287,467
OESTEN, RUDIGER	2,324,127	PUHLER, ALFRED	2,322,553	SATO, ATSUSHI	2,308,816
OESTEN, RUDIGER	2,324,630	PULEO, MARIO	2,318,721	SAULNIER, EMILIE	
OFITA, S.A. MOBILIARIO		PULP AND PAPER		THORBJORG	2,323,829
METALICO (OFITA,		RESEARCH INSTITUTE		SAWYER, JAMES	2,323,300
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OGAWA, HIROSHI	2,324,088	PURI, ASHISH	2,324,633	SCALECO	2,287,583
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ORIHUELA, FELIX M.	2,287,151	QUECHON, SYLVIE	2,324,427	SCHLUMBERGER CANADA	
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OSHIMA, YUICHI	2,287,622	MIGUEL	2,287,530	SCHMIDT, MICHAEL	2,324,630
OSTERTAG, EDWARD L.	2,323,861	QUINTERO, LIRIO	2,306,523	SCHNEIDER AUTOMATION	2,324,430
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BELLSOUTH INTELLECTUAL PROPERTY CORPORATION	2,339,259	BONJA, JEFFREY A.	2,338,517	CARPENTER, DARREN JAMES	2,341,547
BELT, HEINZ-JOACHIM	2,341,246	BOOK, SHARON	2,338,481		
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BENCKISER N.V.	2,338,658	BORZYK, OLIVER	2,338,988		
BENCKISER N.V.	2,338,819	BOSCO, MANUELA	2,338,658		
		BOSTON SCIENTIFIC LIMITED	2,338,724		
		BOSTON SCIENTIFIC LIMITED	2,339,130		
		BOTTCHER, HENRIK	2,341,387		
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CATERPILLAR INC.	2,339,017	CONTRERAS, ROLAND HENRI	2,339,337	DEES, H. CRAIG	2,339,252
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CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE-CNRS	2,336,221	COOK, JAMES C., III	2,339,034	DEL SOLDATO, PIERO	2,338,854
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE-CNRS	2,339,083	COOK, PHILLIP DAN	2,339,178	DEL SOLDATO, PIERO	2,338,912
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CHAMBERS, RONALD	2,339,172	CORDELLINA, ANTONIO	2,338,658	DELLA PORTA, PAOLO	2,339,155
CHAN, JAMES K.	2,338,990	CORIXA CORPORATION	2,340,649	DELRUE, RITA M.	2,341,237
CHAN, JAMES K.	2,339,098	CORLEY, NEIL C.	2,335,228	DEPLA, ERIK	2,335,102
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CHANG, CHI-MING	2,341,093	CORNELL RESEARCH FOUNDATION, INC.	2,339,166	DESIGN RITE LLC	2,338,985
CHANG, SOU-JEN	2,339,250	CORNING INCORPORATED	2,339,010	DEUTSCH, DENNIS	2,338,888
CHART HEAT EXCHANGERS LIMITED	2,338,486	CORNING INCORPORATED	2,339,576	DEWEESE, TOBY	2,338,488
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COLLINS, JON LOREN	2,339,773	DATTA, RATHIN	2,339,173	DOUVILLE, BRADLEY D.	2,339,504
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		DEAN, FRANK W.	2,339,165	DUTT, BIRENDRA	2,338,990
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ELI LILLY AND COMPANY	2,338,916	FIGGE, DIETER	2,338,495	GEHLEN, MARK D.	2,339,005
ELI LILLY AND COMPANY	2,338,930	FIGIEL, DENNIS	2,338,450	GEKE, JURGEN	2,339,573
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ELLIS, PAUL E., JR.	2,337,870	FISHER, DUNCAN S.	2,338,593	INNOVATIONS, INC.	2,338,485
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HAAS, GERALD	2,341,254	HEUMANN, HERMANN	2,337,869	HUMMEL, ALBERT A.	2,338,627
HAAS, GERALD	2,341,373	HEWLETT-PACKARD COMPANY	2,339,767	HUMMEL, HEINRICH	2,338,979
HAAS, PETER	2,338,867	HEWLETT-PACKARD COMPANY	2,339,768	HUSS, RALF	2,338,541
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MCMANUS, JAMES W.	2,338,967	MITTENDORF, JOACHIM	2,340,928	NAOTSUKA, AKIHIKO	2,338,832
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MEIJI SEIKA KAISHA, LTD.	2,338,816	MOHWALD, HELMUT	2,339,617	NELISSEN, BART	2,339,337
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MERCK & CO., INC.	2,338,967	MOORE, SCOTT T.	2,338,518	NI, JIAN	2,338,186
MERCK & CO., INC.	2,339,034	MORHENN, VERA B.	2,340,673	NICHOLS, SCOTT E.	2,341,078
MERCK & CO., INC.	2,339,140	MORINAGA MILK INDUSTRY CO., LTD.	2,338,884	NICHOLS, WILLIAM MICHAEL	2,339,354
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TANNER, DENNIS D.	2,338,428	COMPANY	2,339,107	THE UNITED STATES OF	
TANNER, DENNIS D.	2,338,494	THE DOW CHEMICAL		AMERICA, AS	
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