

STN[®]

Legal Status Information in STN Databases

- INPADOCDB/INPAFAMDB, EPFULL –
and others

Martine MICHEL - CAPADOC

Agenda

- **What is Legal Status Information**
- **Legal Status in STN Databases**
 - Overview
 - Special LS search and display possibilities in:
 - INPADOODB/INPAFAMDB and EPFULL
- **Searching Extensions**
 - Time Extensions and Supplementary Protection Certificates (SPC's) in:
 - IMSPATENTS, PATDPASPC, FRANCEPAT, IFICLS, INPADOODB/INPAFAMDB

Legal status is any event after initial publication

- New publication stages
 - Examined application
 - Granted patent
 - Corrections
- Equivalent patent publications
 - A PCT document going into national phase

Legal status (cont'd):

- Positive events towards other stages
 - Request for search report
- Negative events that block the patent
 - Failure to pay fees
 - Opposition
- Post-grant publication events
 - Licensing
 - Expirations
 - Extensions
- Reassignment

Legal Status in STN Databases

- Is as good **as national authorities deliver information** to the database producer / supplier
- **STN does not guarantee the** correctness of the information
- **Use multiple sources** to verify the legal status information
- For important cases: **Access file inspection** at the Patent offices

Agenda

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- **Legal Status in STN Databases**
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STN Databases with Legal Status Information

- **Legal Status searchable and displayable:**
 - **INPADOCDB/INPAFAMDB**: selected LS of 51 authorities
 - **EPFULL**: Selected Register Data of EPO
 - **IFICLS**: Current LS of U.S. patents (USPTO)
 - **PATDPA**: Selected LS events of GPTO
 - **RUSSIAPAT**: Selected LS from Rospatent
 - **LITALERT**: Litigation pertaining to U.S. patents and trademarks, selected LS for trademarks
 - **IMSPATENTS**: patent expiration dates and comments
 - **PATDPASPC**: SPC information of GPTO
 - **FRANCEPAT**: Register Data of INPI

STN Databases with Legal Status Information (2)

■ INPADOC Legal Status displayable:

- INPAFAMDB / INPADOCDB
- EPFULL
- FRFULL
- GBFULL
- PCTFULL
- PATDPAFULL
- BIOTECHABS / BIOTECHDS
- DGENE, USGENE

Add Legal Status (LS) to any existing display format in these files:

=> D L1 BIB **LS** 1-10

=> D L1 BIB AB CLM **LS2** 1-5

INPADOCDB/INPAFAMDB

- Legal status data are available for 51 patent authorities for about 16,5 million records
- Legal status information is searchable with over 2,600 legal status codes (**LSC, LSTX**)
- Great variety of search and display options, e.g.
 - applicant reassignment **LSPA**
 - opponent **LSOP**
 - legal effect date **LSDF**

New legal status code categories

- Complex set of legal status codes is difficult to use for legal status searching
 - code definitions may change over time
 - New codes are introduced
 - comprehensive searches require sophisticated strategies and deep understanding of various granting procedures
- **Legal status code categories** provide an easy access to more than **1.300** specific legal status code information
 - reliable and easy to use legal status search tool
 - well applicable to specific legal status monitoring
 - new codes and code definition revisions will be reviewed and included by the FIZ editorial

New STN-assigned legal status categories simplify legal status searches (**/LSC2**)

CHG Change of Owner, Inventor, Applicant

EXA Examination, Search Report

LIC Licensing

NIF Lapses, Expiries, Withdrawals, Refusals

ORE Opposition, Reexamination

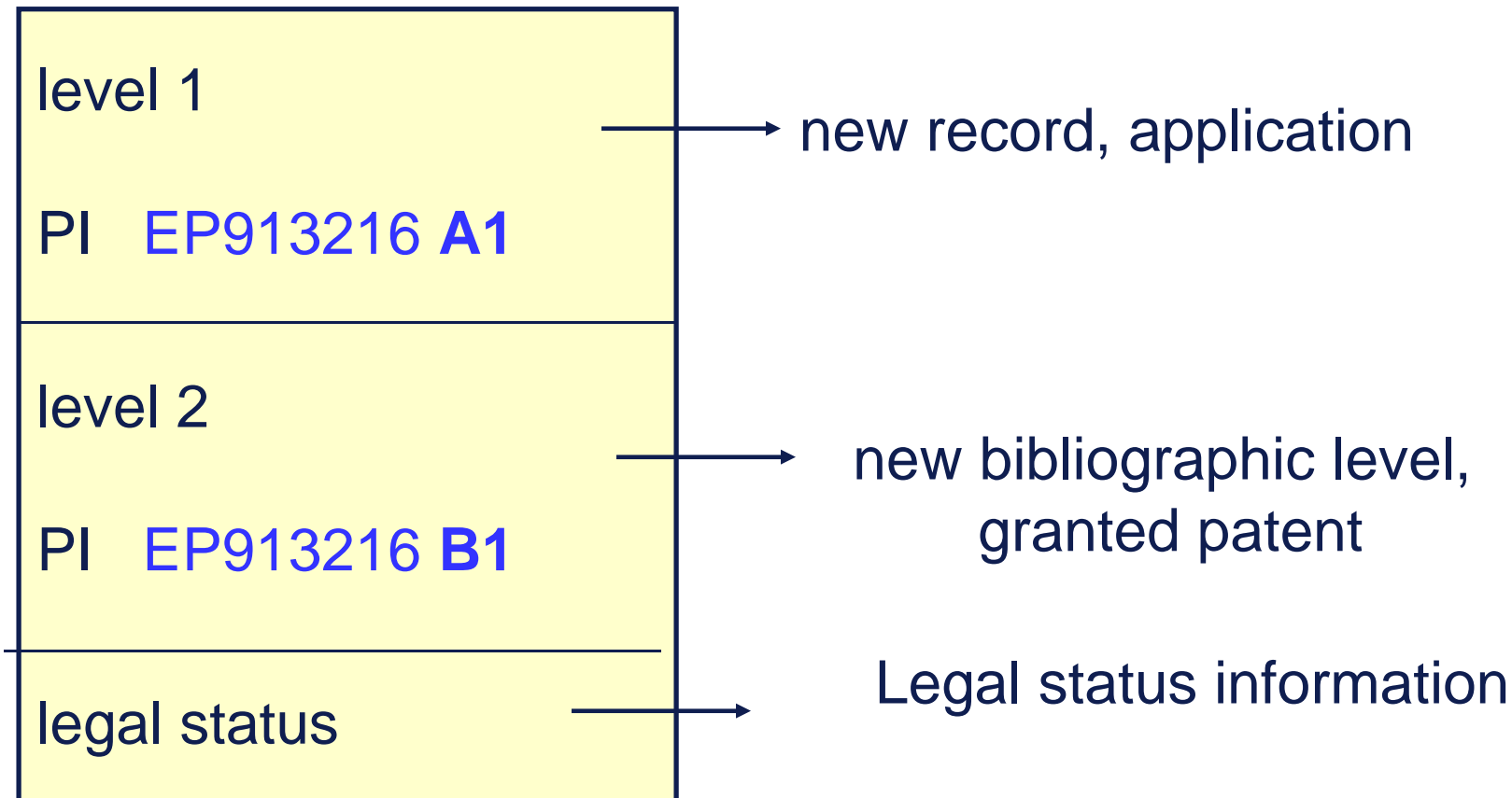
REI Reinstatement or Restoration

SPC Time Extensions and
Supplementary Protection Certificate

Summary information on INPADOCDB SPC coverage is provided at:
http://www.european-patent-office.org/inpadoc/faq/spc_cov.htm

INPADOCDB record structure

Records in INPADOCDB consist of the national family that corresponds to a single application number



Legal status searching using **LSTX**

Search Question:

Find all Syngenta patents that have expired due to failure to pay maintenance fees.

Search strategy

- Step 1. Access file INPADOODB
- Step 2. Search for the assignee in the Patent Assignee Super Search field, **PASS**
- Step 3. Find the expired patents by performing a text search in the **LSTX** field

Search for expired Syngenta patents using **/LSTX**

```
=> FILE INPADOCDB
```

```
=> S SYNGENTA/PASS AND (EXPIR?(S)FAIL?)/LSTX
```

```
6474 SYNGENTA/PA
```

```
6480 SYNGENTA/PAS
```

```
2595 SYNGENTA/LSPA
```

```
8429 SYNGENTA/PASS
```

```
(SYNGENTA/PA,PAS,LSPA)
```

```
1846430 EXPIR?/LSTX
```

```
1071404 FAIL?/LSTX
```

```
894633 (EXPIR?(S)FAIL?)/LSTX
```

```
L1 122 SYNGENTA/PASS AND (EXPIR?(S)FAIL?)/LSTX
```

/PASS searches PA, PAS, and LSPA simultaneously.

Search in the legal status text field, **/LSTX**, when you don't know the legal status codes.

Out of 8,429 Syngenta patents, at least 122 have expired due to failure to pay maintenance fees.

LS and LS2 for an expired Syngenta patent

```
=> D PI.M LS LS2

L1      ANSWER 1 OF 122      INPADOCDB CO
PI      US 6603065          B2 20030805
```

```
LEGAL STATUS
AN      48958959 INPADOCDB
...
20030225 USAS      ASSIGNMENT
          SYNGENTA INVESTMENT CO
          ASSIGNMENT OF ASSIGNOR
          FINANCE CORPORATION;RE
          20030129
          CHG Change of Owner, Inven
20070925 USFP      - EXPIRED DUE TO FAILURE
          20070805
          NIF Lapses, Expiries, With
          0739.....
```

Standard legal status display format, **LS**.

```
...
AN      48958959 INPADOCDB
LSD     20030225
LSC     USAS
LSTX    ASSIGNMENT
LSPA    SYNGENTA INVESTMENT CORPORATION 2200
          CONCORD PIKEW
LSFT    ASSIGNMENT OF ASSIGNORS INTEREST;
          ASSIGNOR:NOVARTIS FINANCE CORPORATION;
          REEL/FRAME:013774/0373
LSDF    20030129
LSC2    CHG Change of Owner, Inventor,
          Applicant
AN      48958959 INPADOCDB UPLS 20070927
          EWLS 200739
LSD     20070925
LSC     USFP
LSCI    -
LSTX    EXPIRED DUE TO FAILURE TO PAY
          MAINTENANCE FEE
LSDF    20070805
LSC2    NIF Lapses, Expiries, Withdrawals,
          Refusals
```

Detailed, fielded legal status **LS2**.

Legal status searching using legal status categories, **LSC2**

Search Question:

Find all Ciba patents that have lapsed, expired, or been withdrawn or refused.

Search strategy

- Step 1. Access file INPADOODB
- Step 2. Search for the assignee in the Patent Assignee Super Search field, **PASS**
- Step 3. Find the expired patents by searching for the **NIF** category in the legal status category field, **LSC2**

Linked SDI: Lapses, expiries, withdrawals or refusals (NIF) of CIBA publications

```
=> S CIBA/PASS AND NIF/LSC2(L)UPLS/LAST
=> S L1 6334 CIBA/PASS AND NIF/LSC2
L1
=> SDI
....
=> D HIT
L1
PI
PA L1 ANSWER 1 OF 21 INPADOCDB COPYRIGHT 2008 EPO/FIZ KA on STN
PAS PA CIBA SPECIALTY CHEMICALS HOLDING INC. PATENT DEPARTEMENT
PAS PAS CIBA SC HOLDING AG, CH
LEGAL
AN
20071 LEGAL STATUS HIT
AN AN 55625055 INPADOCDB
20080326 EP18W - WITHDRAWN
20080219
NIF Lapses, Expiries, Withdrawals, Refusals
200813.....20080327
```

Link this Legal Status Entry to the last update.

Result of a SDI

Please, use **NIF** always together with **REI**

L6 ANSWER 2 OF 85996 INPADOCDB COPYRIGHT 2007 EPO/FIZ KA on STN

LEGAL STATUS

AN 53481896 INPADOCDB

19940615 ATRER - CEASED AS TO PARAGRAPH 5 LIT. 3 LAW INTRODUCING PATENT TREATIES

NIF Lapses, Expiries, Withdrawals, Refusals

.....20070802

19941215 ATEEWE + AUTHORIZATION FOR RESTITUTION

REI Reinstatement or Restoration

.....20070802

19950215 ATUEP + PUBLICATION OF TRANSLATION OF EUROPEAN PATENT SPECIFICATION

.....20070802

19980315 ATREN - CEASED DUE TO NON-PAYMENT OF THE ANNUAL FEE

NIF Lapses, Expiries, Withdrawals, Refusals

.....20070802

19990715 ATA1J - WITHDRAWAL PARAGRAPH 166 LIT. 6

NIF Lapses, Expiries, Withdrawals, Refusals

.....20070802

The category NIF includes lapses, withdrawals, expiries, and/or refusals

The history is important!

L6 ANSWER 3 OF 85996 INPADOCDB COPYRIGHT 2007 EPO/FIZ KA on STN

LEGAL STATUS

AN 53481681 INPADOCDB

20050815 ATA1J - WITHDRAWAL PARAGRAPH 166 LIT. 6

NIF Lapses, Expiries, Withdrawals, Refusals

.....20070802

20061115 ATA1WE + CONCESSION OF RESTITUTION

REI Reinstatement or Restoration

200647.....20070802

Common SDIs in INPADOCDB/INPAFAMDB

- New published documents from competitors or in a technology area
- New family members of known patents
- Changes in legal status of known patents

- INPADOCDB/INPAFAMDB has sophisticated update codes to deliver clear, uncluttered SDIs
 - Record-based update codes can be used to track changes of **individual records** → **INPADOCDB**
 - Family-based update codes can be used to track changes of **all family members** → **INPAFAMDB**

See => HELP UPDATE

INPADOCDB record- and family-based update codes have been enhanced

	Record	Family
New family ("basic")	-	EDF
New record (MEMBER)	EDP	UPFD
New document (publication)	ED	UPFP
Update to bibliography	UP	UPFB
-Update to classifications	UPCC	-
-Update to all other bib.	UPBB	-
Update to legal status	UPLS	UPFL
New document or LS	EDLS	UPFE
All updates (any changes)	UPM	UPFA

Use *Record* update codes to track changes to individual documents

Use *Family* update codes to track changes to all patent family members

Monitor key Pfizer patent applications for new family members or legal status changes

```
=> S (WO2005067620 OR WO2005080313 OR WO2003102130 OR  
WO2005004839 OR WO2005009965 OR WO2005089728.....)/PN  
L1      10 (WO2005067620 OR WO2005080313 OR WO2003102130 OR ....
```

For automatic current awareness searches use the **SDI** command.

```
=> SDI
```

```
ENTER QUERY L# FOR SDI REQUEST OR (END):L1
```

```
ENTER UPDATE FIELD CODE (UP) OR ?: UPFE
```

```
ENTER SDI REQUEST NAME, (AA007/S), OR END:PFIZER/S
```

```
o o o
```

```
ELIMINATE PREVIOUSLY SEEN ANSWERS WITH EACH SDI RUN? Y/(N): N
```

```
ENTER PRINT FORMAT (BIB.M) OR ?: CFAM FFAMED
```

```
HIGHLIGHT HIT TERMS? (Y)/N:.
```

```
ARCHIVE ANSWERS? Y/(N):.
```

```
REDISTRIBUTE ANSWERS? Y/(N):.
```

```
ENTER MAXIMUM NUMBER OF HITS TO
```

```
o o o
```

The combination of **UPFE** update code and **FFAMED** display format provides any new records, new publications, or new Legal Status for each SDI run.

Monitor key Pfizer patent applications for new family members or legal status changes (2)

PATENT FAMILY INFORMATION

AN 283038503 INPADOC

+-----PI-----+

AU 2005224182	A1 20050929
CA 2559640	A1 20050929
EP 1729746	A2 20061213
SE 2004000685	D0 20040319
WO 2005089728	A2 20050929
WO 2005089728	A3 20060511

6 publications

MEMBER 5

PI WO 2005089728 A3 20060511

LEGAL STATUS CURRENT UPDATE

AN 283038503 INPADOC

20060915 WOENP

ENTRY INTO THE NATIONAL PHASE IN:

JP 2007503440 A

200706..... 20070209

This SDI regularly delivers a simple list of publication numbers (CFAM), and details of new publications, and/or legal status changes from the latest database update (FFAMED).

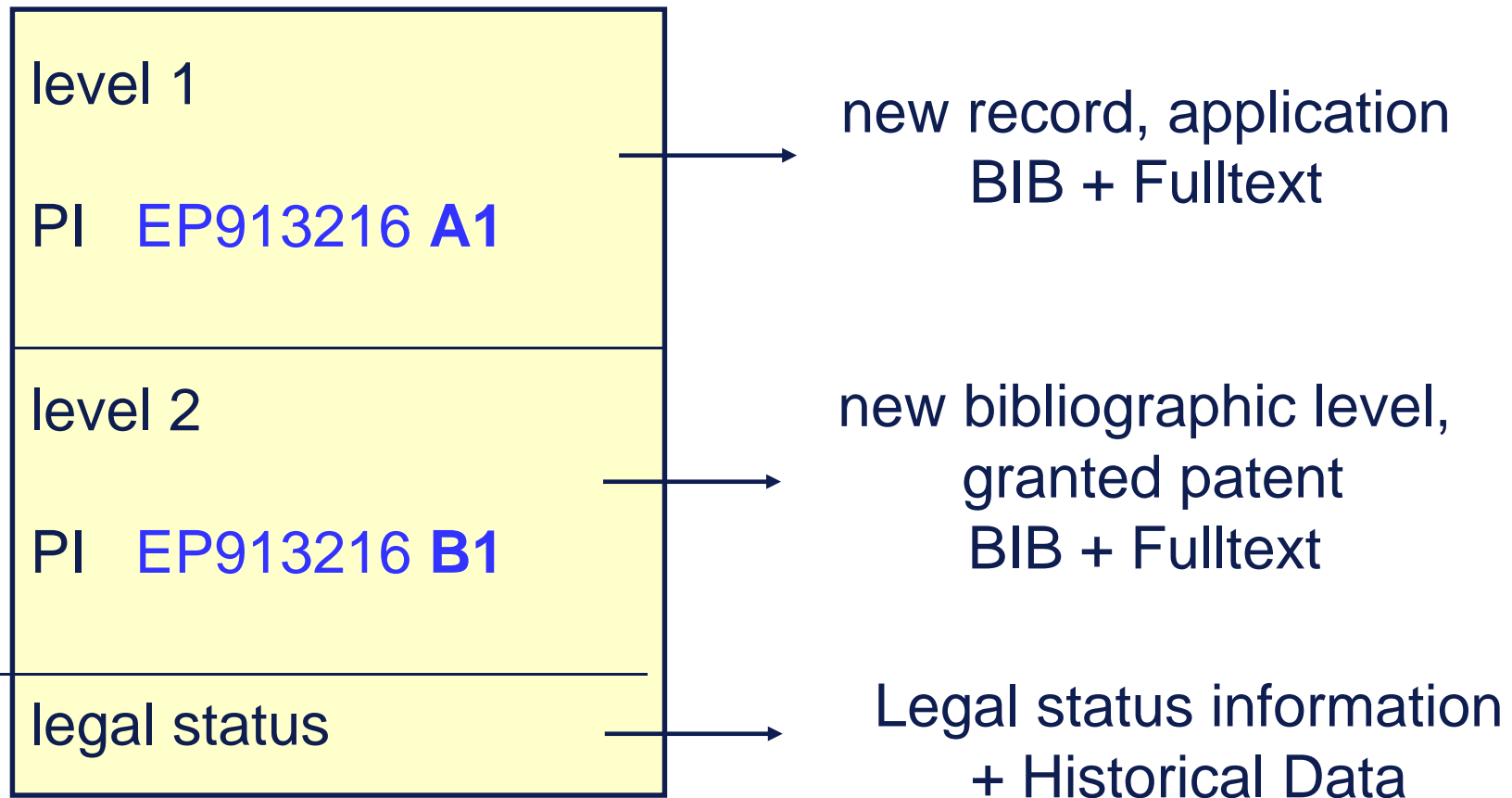
For WO 2005089728 we have new legal status information in the latest database update.

EWLS.....UPLS

EPFULL

- Fulltext of applications and granted patents
From the European Patent Office (EPO)
- EPO selected Legal Status Register Data for all documents from 1978 onwards:
 - All Legal Status **events and changes searchable** and available for selective monitoring
 - **Historical data** searchable and displayable:
opponent, license, priority, patent assignee
 - Detailed search fields for **opponent and license information**

EPFULL record structure



EPFULL has detailed Display and Alert possibilities

- EP Legal Status custom display formats
 - **LSEP** EPO Patent Register Legal Status
 - **LSEP.M** LSEP with additional historical details
 - **LS** INPADOC Legal Status
 - **LSEPR** LSEP.M plus additional EPOLINE Register Data
- Specialized **EP Legal Status Codes (/LSC)** can be used for very precise current awareness Alerts/SDIs

EPFULL records comprise all publication stages of a single patent application

=> D L1 BIB.M LSEPR

The BIB.M displays details from each publication stage.

L1 ANSWER 1 OF 1 EPFULL COPYRIGHT 2008 EPO/FIZ KA on STN

AN 1996:66709 EPFULL

DUPD 20040616 DUPW 200425

TIEN METHOD AND APPARATUS FOR DISPLAYING TEXTUAL OR GRAPHIC DATA . . .

IN KWOH, Daniel, S., 3975 Hampstead Road, La Canada/Flintridge, . . .

PA GEMSTAR DEVELOPMENT CORPORATION, (DEVELOPMENT CORPORATION, GEMSTAR),...

AG Kinsler, Maureen Catherine, et al, Kilburn & Strode, . . .

AGN 87471

LAF English

LA English

LAP English

TL German; English; French

DT Patent

PIT EPA1 Application published with search report

PI [EP 862831](#) [A1 19980909](#)

WO 9718673 19970522

DS BE DE ES FR GB IT

AI EP 1996-940784 A 19961113

WO 1996-US18236 A 19961113

PRAI US 1995-6629P P 19951113

Published patent application
EP1268389 A1 leads to patent
EP1268389 B1 (next slide).

...including the EPO granted patent

D BIB.M LSEPR format (cont.).

L1 ANSWER 1 OF 1 EPFULL COPYRIGHT 200

AN 1996:66709 EPFULL UP 20050518
DUPD 20050518 DUPW 200520

TIEN METHOD AND APPARATUS FOR DISPLAYING TEXTUAL OR GRAPHIC DATA. . .

IN KWOH, Daniel, S., 3975 Hampstead Road, La Canada/Flintridge, . . .

PA GEMSTAR DEVELOPMENT CORPORATION, (DEVELOPMENT CORPORATION, . . .

AG Kinsler, Maureen Catherine, et al, Kilburn & Strode, 20 Red . . .

AGN 87471

DT Patent

PIT EPB1 Granted patent

PI EP 862831 B1 20040616

WO 9718673 19970522

DS BE DE ES FR GB IT

AI EP 1996-940784 A 19961113

WO 1996-US18236 A 19961113

RLI EP 2004-76523 20040524 EP 1458188 Divisional Application

PRAI US 1995-6629P P 19951113

REP EP 47414 A

EP 128093 A

WO 9429840 A

GB 2257000 A

US 5036394 A

. . . .

Published application
EP1268389 A1 (previous slide)
leads to patent EP 1268389 B1.

... plus the official EPO Legal Status

LEGAL STATUS INCLUDING HISTORY

AN	1996:66709	EPFULL
19980909	EPB241	Request for examination 19980615
19980909	EPB430	Unexamined document without 19980909
19980909	WOB870	PCT publication data 19970522
19980909	EPB840	Designated contracting states AT BE CH DE DK ES FI FR GB EP 862831 A1 19980615
19981021	EPB840R	Designated contracting states BE DE ES FR GB IT
19981202	EPB300R	Priority data (correction) OLD: US 1995-662P P 19951113 NEW: US 1995-6629P P 19951113
19991020	EPB565EP	Drawing up and dispatch of supplementary search report (EPA4) 19990902
20000112	EPB840R	Designated contracting states (correction) AT BE CH DE DK ES FI FR GB
20030102	EPB242	Dispatch of the first examination report 20021120
20040616	EPB452EP	Intention to grant 20031209
20040616	EPB840R	Designated contracting states BE DE ES FR GB IT
20040616	EPB450	Document with grant, second publication 20040616 . . .

D BIB.M LSEPR format (cont.).

Details in RED are not available in INPADOC.

Historical data, e.g. old priority numbers.

Use (P) proximity to combine terms within single Legal Status events, e.g. code (LSC) and date (LSD).

... plus up-to-date EPOLINE Register data

```
...
20050511 EPB780R   Opposition reassignment
20050518 EPB780R   Opposition reassignment
OLD: 20050314 Opposition filed
      Interessengemeinschaft fuer Rundfunkschutzrechte GmbH
      Schutzrechtsverwertung & Co. KG, Bahnstrasse 62,
      40210 Duesseldorf, DE
      5480
      Opponent Representative:
      Eichstaedt, Alfred, Dipl.-Ing., Maryniok &
      Eichstaedt, Kuhbergstrasse 23, 96317 Kronach, DE
      71705
NEW: 20050314 Admissible opposition
      Interessengemeinschaft fuer Rundfunkschutzrechte GmbH
      Schutzrechtsverwertung & Co. KG, Bahnstrasse 62,
      40210 Duesseldorf, DE
      5480
      Opponent Representati
      Eichstaedt, Alfred, D
      Eichstaedt, Kuhbergst
      71705
```

Active link to pdf-file: EPOLINE
Register data accessible from
transcript for 90 days.

<http://www.stn-international.org/xd/174784682178/EPFULL1996:66709.pdf>

...plus up-to-date EPOLINE Register data

STN

Additional information from
the Register of the European Patent Office

EP0862831

PATENT GRANTED
last update of database: 20080702

Most recent event: publ. date:

Invention Title (EN): METHOD AND APPARATUS FOR DISPLAYING TEXTUAL
OR GRAPHIC DATA ON THE SCREEN OF TELEVISION
RECEIVERS

Publications:

EP0862831	A1	19970522
EP0862831	B1	20040616
WO9718673	A1	19970522

Application No./ Filing Date: EP 96940784 19961113
WO1996US18236

Divisional application(s): EP20040076523/ EP1458188

Examination Procedure:

19970612	REQUEST FOR PRELIMINARY EXAMINATION BY AUTHORITY - US
19980615	EXAMINATION REQUESTED - 1998/37
20001121	REQUEST FOR ACCELERATED EXAMINATION
20021120	EXAMINATION REPORT A.96(2), R.51(2) DISPATCH - M04

EPOLINE Register data with
additional information on
examination procedure and
payment of fees.

STN

 **FIZ Karlsruhe**

Legal status searching using **LSC**

Search Question:

Monitor “Intention to grant” for the company Hitachi.

Monitor „Intention to Grant“ in EPFULL

=> FILE EPFULL

Unique to STN: searchable EPO Legal Status Codes.

=> S HITACHI/PA

L1 13824 HITACHI/PA

Identify the relevant
Legal Status Codes.

=> E EPB452EP/LSC

E276	662702	EPB451EP	ANNOUNCEMENT OF INTENTION TO GRANT/LSC
E277	317928	--> EPB452EP/LSC	
E278	317928	EPB452EP	INTENTION TO GRANT/LSC
E279	478	EPB452EPD/LSC	
E280	478	EPB452EPD	INTENTION TO GRANT (DELETED)/LSC
E281	1754	EPB452EPR/LSC	
E282	1754	EPB452EPR	INTENTION TO GRANT (CORRECTION)/LSC
E283	377978	EPB475/LSC	
E284	377978	EPB475	LAPSE OF PATENT/LSC
E285	192	EPB475D/LSC	
E286	192	EPB475D	LAPSE OF PATENT (DELETED)/LSC

=> S L1 AND EPB452EP/LSC(P)UPLS=20061108

L2 8 L1 AND EPB452EP/LSC(P)UPLS=20061108

Use (P)-operator to
combine LSC with LSUP.

New: Complete list of Legal Status Codes:

http://www.stn-international.de/training_center/patents/LSCs.pdf

Monitor „Intention to Grant“ in EPFULL

=> D BIB.M HIT

L2 ANSWER 1 OF 8 EPFULL COPYRIGHT 2006 EPO/FIZ KA on STN
AN 2004:150498 EPFULL EDP 20050928 ED 20050928 UP 20061108
DUPD 20061108 DUPW 200645
TIEN Storage apparatus for asynchronous remote copying.
TIFR Dispositif de stockage de donnees permettant le miroitage asynchrone
de donnees a distance.
TIDE Speichervorrichtung fuer asynchrone entfernte Datenspiegelung.
IN Muto, Yoshiakic/o Hitachi Ltd, Intel Prop Group6-1, Marunouchi 1-
chome,Chiyoda-kuTokyo 100-8220, JP; . . .
PA **Hitachi**, Ltd., 6-6, Marunouchi 1-chome Chiyoda-ku, Tokyo, JP
PIT EPA1 Application published with search report
PI EP 1580662 A1 20050928
DS DE FR GB
AI EP 2004-256190 A 20041006
PRAI JP 2004-85032 A 20040323
PA Hitachi, Ltd., 6-6, Marunouchi 1-chome Chiyoda-ku, Tokyo, JP

Monitor „Intention to Grant“ in EPFULL

LEGAL STATUS

AN 2004:150498 EPFULL

20061108 EPB452EP Intention to grant

20061011

.....20061108

=> QUE L1 AND EPB452EP/LSC(P)UPLS/LAST

L3 QUE L1 AND EPB452EP/LSC(P)UPLS/LAST

=> SDI L3

ENTER UPDATE FIELD CODE (UP) OR ?:UPLS

ENTER SDI REQUEST NAME, (AA006/S), OR END:HITACHI/S

. . .

ENTER PRINT FORMAT (STD.M) OR ?:MAX

HIGHLIGHT HIT TERMS? (Y)/N:Y

ARCHIVE ANSWERS? Y/(N):.

REDISTRIBUTE ANSWERS? Y/(N):.

ENTER MAXIMUM NUMBER OF HITS TO BE PRINTED PER RUN (100):.

SORT SDI ANSWER SET (N)/Y?:.

SEND SDI WITH NO ANSWERS? (Y)/N:.

ENTER SDI EXPIRATION DATE 'YYYYMMDD' OR (NONE):.

QUERY L9 HAS BEEN SAVED AS SDI REQUEST 'HITACHI/S'

Combine data within one legal status entry with (P).

Use UPLS as update code.

MAX= ALL.M + LSEP.M

Unique LS data in INPADOC and EPFULL

Unique data in INPADOCDB/INPAFAMDB :

- Legal Status Categories
- Entry into national phase
- Time extension and SPC data

■ Unique data in EPFULL:

- Historical data (licensee, opponent, ...)
- Additional European legal status events
- Intention to grant
- event lists, details on the examination procedure (EPOLINE)

Agenda

- **What is Legal Status Information**
- **Legal Status in STN Databases**
 - Overview
 - Special LS search and display possibilities in:
 - INPADOC and EPFULL
- **Searching Extensions**
 - Time Extensions and Supplementary Protection Certificates (SPC's) in:
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Several STN files cover extensions

- IMSPATENTS for drug patents
- PATDPA / PATDPASPC for German patents
- FRANCEPAT for French SPCs
- IFICLS / IFIPAT / IFICDB / IFIUDB for U. S. patents
- INPADOC for several authorities including SPCs

A **supplementary protection certificate** comes into force only after the corresponding patent expires. It has a maximum life time of 5 years. In European Union member countries, a **supplementary protection certificate (SPC)** is a *sui generis*, patent-like, intellectual property right. This type of right is available for **medicinal products**, such as **drugs**, and **plant protection products**, such as insecticides, and herbicides.

IMSPATENTS

- The IMSPATENTS file contains patent family data for commercially significant drugs from 58 countries
- Patent information includes patent numbers and information on expirations, extensions and supplementary protection certificates (SPCs)
- Standard expiration dates display in Expiration Date (XPD) field
- Search specific date or range of dates in /XPD
- **SEARCH EXTENSION#, SPC OR CCP** - in the basic index to find extensions

Searching and displaying patent expiration in IMSPATENTS

```
=> FILE IMSPATENTS
```

```
=> S 59865-13-3
```

```
L1          479 120993-53-5/BI
```

```
=> S L1 AND (SPC OR CCP OR EXTENSION#)
```

```
L2          100 L1 AND (SPC OR CCP OR EXTENSION#)
```

```
=> FSORT L2
```

```
13 Multi-record Families      Answers 1-100
```

```
Family 1
```

```
Answers 1-6
```

```
Family 2
```

```
Answers 7-15
```

```
Family 3
```

```
Answers 16-33
```

```
. . .
```

Search the CAS RN in IMSPATENT (substance: ciclosporin)

Limit records to those with SPC information and sort the result using FSORT

Searching and displaying patent expiration in IMSPATENTS (2)

=> D CYTAB 7-15

L18 File IMSPATENTS COPYRIGHT 2009 IMSWORLD

The NOTE field provides the expiration information for the SPCs.

ANS	Country	Publication Number(s)	Expiry Date	Expiry Con	
7	Korea, Republic of	KR 202331	20140928	Extensions possible	(1)
8	United States	US 20030206930 US 7078054	20140926	Extensions possible	(2), (3)
9	United States	US 5985321	20140926	Extensions possible	(4), (5), (6)
10	Taiwan, Province of China	TW 438609	20141014	Extensions possible	(7)

...

Searching and displaying patent expiration in IMSPATENTS (3)

Country Comments:

- (1) Country Comments: South Korean patent 202331 is a divisional of South Korean patent 200174.
- (2) Country Comments: US 7078054 claims a liquid filled soft gelatin capsule characterized in that the capsule shell contains a migrateable component which is also present in the capsule filling wherein the migrateable component is selected from the group consisting of tetrahydrofurylalcohol ether, diethylene glycol monoethylether, 1,3-dimethyl-2-imidazolidinone, dimethylisosorbide or propylene glycol. Ciclosporin is a claimed active substance.
- (3) US 7078054 lists the patentee as Novartis.
- (4) Country Comments: US 5985321 claims a soft gelatin capsule which comprises a shell and a liquid filling, wherein at the time of encapsulation said shell comprises gelatin and 1,2-propylene glycol and the filling comprises ciclosporin and 1,2-propylene glycol in a carrier medium therefor, wherein the shell, after drying, comprises 2-40% by weight 1,2-propylene glycol.
- (5) US 5985321 has been reassigned to Novartis and Scherer.
- (6) US 5985321 is quoted by the FDA Orange Book as relating to the NEORAL 25 mg and 100 mg oral capsule and the 100 mg/ml oral solution formulations of cyclosporine. The applicant is Novartis.
- (7) Country Comments: Taiwanese patent 438609 lists and Scherer.

. . .

The NOTE field provides the expiration information for the SPCs.

PATDPASPC

- PATDPASPC comprises all Supplementary Protection Certificates (SPCs) from Germany
- **Producer:** German Patent and Trademark Office (GPTO)
- **Coverage:** 1992 to date (922 records)
- **Record structure:** Compound based with CAS Registry Numbers[®] (CAS RNs), chemical names, and trade names
- **Update:** 60 new SPCs per year (no SDIs)

PATDPASPC – combined display

L1 ANSWER 1 OF 1 PATDPASPC COPYRIGHT 2008 DPMA/FIZ KA on STN

Accession Number 827 PATDPASPC
SPC Document Number DE 10075027
SPC Product Type medicinal
SPC Term 20080205-20130204
SPC Grant Date 20040121
SPC Application Date 20000920
Examiners field 1.43

SPC-information

Patent Number DE 3850789
EP 277829
Patent Application Date 19880204
Int. Patent Classif. C07K007-06 (5)
C07K007-06 (6)
C07K007-06 (7)

Patent information,
Corresponding EP and PCT
numbers

Index Terms

Certified Compound(s)

Cas Registry Number 123246-29-7
Chemical Name Ganirelix
Cas Registry Number 124904-93-4
Chemical Name Ganirelix
Cas Registry Number 124904-93-4
Chemical Name Orgalutran
Cas Registry Number 181372-97-4
Chemical Name Ganirelix

CAS Registry Numbers
chemical names

Trade Name(s) Orgalutran Injektionsloesung

Use Display IALL BIB2 to
displays additional
information in PATDPA

Legal Status

Approved Compound(s) Ganirelix
SPC Requested Compound(s) Ganirelix ; Salze
SPC Granted Compound(s) Ganirelix; Salze

PATDPASPC – combined display (2)

L7 ANSWER 1 OF 1 PATDPA COPYRIGHT 2008 DPMA/FIZ KA on STN
AN DE3850789 PATDPA ED 19880915 EW 198837
SN DE3850789.7 DED 19950309 DEW 199510
UPS 20010315 weitere UP-Felder: HELP UPD
TI (T2)(CE) Nonapeptid- und Dekapeptid-Analoge von LHRH, die als
LHRH-Antagonisten dienen.
IN Nestor, John J., Jr. (*US San Jose, CA 95133)
Vickery, Brian H. (*US Saratoga, CA 95070)
PA Syntex (U.S.A.) LLC (*US Palo Alto, Calif.)
AG Barz, P. 'Dipl.-Chem. Dr.rer.nat., Pat.-Anw.' (80
PIT PS EP DE-Aktenzeichen fuer erteiltes EP-Patent
PI DE 3850789 CE 19940727 PGRN (45) DE-AKZ fuer EP-Patent
AI EP 1988-300927 A 19880204 ADR (86) EP-Anm. mit DE-Ben.
DE 1988-3850789 E 19880204 ADRN (22) DE-AKZ fuer EP-Patent
PRAI US 1987-10923 A 19870205 CP (32) Unionsprioritaet

BIB2-format

Additional bibliographic
information

.....

SPC Arzneimittel Zertifikat Anmeldung
DE10075027.3 20001130 (DE3850789)
Syntex (U.S.A.) LLC, 3401 Hillview Avenue,
BGA: EU/1/00/130/001 17.05.2000
EU/1/00/130/002 17.05.2000
Ganirelix und dessen pharmazeutisch annehmbare Salze
IPC: C07K007-06
EEC-Verordnung

Additional SPC-information
such as PA and BGA numbers

FRANCEPAT

- **FRANCEPAT** contains bibliographic data, abstracts, drawings and legal status for French applications, granted patents & utility models from the French Patent Office (INPI)
- **Coverage:** all patents published in France since 1966; special pharmaceutical patents 1961–1978; **Supplementary Protection Certificates**, examiner citations, and **official INPI legal status** from 1969 onwards
- **Text:** French titles, abstracts and controlled terms; **English controlled terms**
- **Legal Status:** Detailed search and display fields for LS, LI (License Information) and SPC

FRANCEPAT includes SPCs

FRANCEPAT has a special field for the patent assignees with SPCs.

=> FILE FRANCEPAT

=> S MERCK/SPC.PA

L6 8 MERCK/SPC.PA

=> D BIB SPC

L6 ANSWER 1 OF 8 FRANCEPAT COPYRIGHT 2008 INPI on STN

AN 1095255 FRANCEPAT ED 20070720 UP 20070803

TI Nouveaux benzenedisulfonamides substitués utilisables comme anthelminthiques.

PA

Applicant: MERCK AND CO INC

US

PIT Patent

PI FR 2294710 A1 19760716 197629 Application, first publ.

FR 2294710 B1 19790921 197938 Patent, second publication

AI FR 1975-37776 19751210

PRAI US 1974-533352 19741216

US 1975-616331 19750926

FA AG AI ICM ICS LS PA PI PRAI SPC

FRANCEPAT includes SPCs (2)

SPC Applicant: MERCK ET CO. INC
Application Date: 19920922 (1er CCP Francais)
Publication: FR92C0529 (1er CCP Francais)
Date of Publication: 19921231 (Date de Publication du 1er CCP)
(BOPI 199253)
Drug: CLORSULON;IVERMECTIN;IVOMEC-D (1er et 2eme CCP)
Drug Approval: 10105 19880506 (1er CCP)
Application Date: 19930702 (2eme CCP Communautaire)
Publication: FR93C0061 (2eme CCP Communautaire)
Date of Publication: 19940318 (Date de Publication du 2eme CCP)
(BOPI 199411)
Drug: CLORSULON;CURATREM BOVIN INJECTABLE (3eme CCP)
Drug Approval: PL0025/4046 19870827 (2eme CCP)
Application Date: 19930702 (3eme CCP Communautaire)
Publication: FR93C0064 (3eme CCP Communautaire)
Date of Publication: 19940318 (Date de Publication du 3eme CCP)
(BOPI 199411)
Drug Approval: 26884 19891021 (3eme CCP)
Rejection: 19961213 (Date du Rejet du 2nd CCP) (BOPI 199650)
19961213
(Date de Rejet du 3eme CCP) (BOPI 199650)
Date of Grant: 19930305
Deadline of Validity 20021209 (1er CCP)

IFICLS

- Covers granted US Patents extended beyond their normal 17 or 20 year term, expired patents, and reinstated patents
- Detailed extension, expiration, and reinstatement records including the
 - Patent number
 - Patent assignee
 - Expiration, extension, or reinstatement date
- Publication date of the Official Gazette of the USPTO containing the announcement of action

IFICLS has extension details and trade name identification

L2 ANSWER 1 OF 2 IFICLS COPYRIGHT 2008 IFI on STN

AN 3115950 IFICLS
PA Albemarle Corp
PI US 36128 19990302
DT **EXTENDED**
XTD 20010718 (1,390 days (O.G. Issue Date Unavailable - Used
FDA Certificate Date)) XTG: 20010718
ORIG. EXPIRATION DATE: 20070327,
NEW EXPIRATION DATE: 20110115
TN AQUEOUS ARYL FLUOROPHOSPHITE SUSPENSION

SPC Searching in INPADOCDB

Search Question:

-Search for Belgium Supplementary Protection Certificates (SPC) which have expired, using the (L) proximity

Proximity in the Legal Status

The proximity-operator (L) links the different search field entries in the legal status

=> S SPC/LSC2(L)BE/LSCC

L1 185 SPC/LSC2(L)BE/LSCC

=> D HIT 2-3

L1 ANSWER 2 OF 185 INPADOCDB COPYRIGHT 2008 EPO/FIZ KA on STN

LEGAL STATUS HIT

AN 11426148 INPADOCDB

19941205 BECCPA APPLICATION FOR A COMPLEMENTARY PROTECTION CERTIFICATE
094C0018; 094C0018

SPC Suppl. Protect. Certificate, Time Extension

LEGAL STATUS HIT

AN 11426148 INPADOCDB

19950328 BECCPV + GRANT OF A COMPLEMENTARY PROTECTION CERTIFICATE
094C0018, EXPIRES 20080727

SPC Suppl. Protect. Certificate, Time Extension

LSC2 = Legal Status Category
LSCC = Legal Status Country
Code

Proximity in the Legal Status (2)

The proximity-operator (L) links the different search field entries in the legal status

=> L1(L)LSSPC.XD<20071231

L2 49 L1(L)LSSPC.XD<20071231

=> D HIT

L2 ANSWER 1 OF 49 INPADOCDB COPYRIGHT 2008 EPO/FIZ KA on STN

LEGAL STATUS HIT

AN 23695452 INPADOCDB

20050630 EPREG REFERENCE TO A NATIONAL CODE

BECCRE - BE: EXPIRY OF A COMPLEMENTARY PROTECTION CERTIFICATE

PRODUCT NAME NAFARELIN ACETAT; NAT REG NO/DATE 194 IS 46
F 11 / 19920616 / FIRST REG CC NO DATE DK D.SP.NR. 8291 /
19900628

93C0049

19950131

20000610

20050610

SPC Suppl. Protect. Certificate, Time Extension

200738.....20070920

LSSPX.XD =

Legal Status SPC, Expiry Date

Summary

- STN offers various databases containing Legal Status information
 - Precise and detailed search and display fields available
 - Extension information searchable for several countries
- INPADOCDB / INPAFAMDB and EPFULL allow for in-depth legal status searches and monitoring:
 - Negative events that block the patent
 - Opposition
 - Licensing/reassignment
 - Expirations
 - Extensions

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