



Newsletter from STN - September 2009

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STN User Day – 7 October in Manchester

Following our successful User Day in London in June we are delighted to be able to repeat the event in Manchester!

MANCHESTER USER DAY 2009

Wednesday 7 October – Manchester Conference Centre

An opportunity to keep up to date with all the improvements to STN files and services, and meet with other users, colleagues and STN representatives

What's New on STN – Highlights of recent system and file enhancements

New STN Interface – Features of STN Express V8.4

Analysis & Visualisation Tools in Action

Guest speaker: Jasen Chooramun, AstraZeneca

Finding and Understanding Nanoscience and Nanotechnology Information

The Art of ECLA - Case study using ECLA codes

Presenter: Rob Austin, FIZ-Karlsruhe

Searching Data for REACH Compliance

*All User Days are **FREE** and will run from 10:00am to 3:30pm. A light lunch will be provided*

To register please e-mail your details to the STN Agency **by 25 September 2009.**

Staff News

After 36 years with the RSC Barry Anderson has decided to take early retirement! Even though he was Manager of the STN team for only a short period he will be greatly missed. He has been an enthusiastic supporter of our work and amongst the many things we'll really miss about Barry is his sense of humour.

Spotlight on RAPRA

The Rapra Polymer Library (RAPRA on STN) is the leading database dedicated to plastics, rubber, polymeric composites and adhesives. It gives excellent coverage of this topic including the science, technology (application) and business of polymers, with coverage back to 1972, and patent coverage from 1994 onwards.

Created by a team of specialist UK-based abstractors, Rapra Polymer Library records are carefully indexed (in the controlled term field /CT) with key terms that relate to not only the topic, but also the nature of the full-text item (eg GRAPH, SHORT ITEM, TECHNICAL). Company names and Trade names are also separately indexed against controlled lists.

A particular benefit of subject-specific databases is that they immediately provide a focussed resource allowing you to search for information directly within your field of interest. However, even when searching on a subject-specific database it's still possible to experience problems due to the ambiguity of certain words. One of the major culprits in this category is 'Environment'. Common topics range from 'the environment', through 'chemical environments' to 'Environmental Stress Cracking (ESC)', and eliminating the irrelevant information without accidentally excluding pertinent records can sometimes be a challenge.

When searching for one of these forms of 'environment' in the RAPRA database, you may find some more specific keywords to be particularly useful:

S CHEMICAL ENVIRONMENT/CT

S ENVIRONMENTAL APPLICATION/CT

S ENVIRONMENTAL HAZARD/CT

S ENVIRONMENTAL IMPACT/CT

S ENVIRONMENTAL LEGISLATION/CT

S ENVIRONMENTAL STRESS CRACKING/CT

S ENVIRONMENTALLY FRIENDLY/CT

Alternatively, you may find the classification code system helpful in this type of case.

Searching:

- **184/CC** will pick up any records classified as dealing with environmental legislation
- **1.10/CC** should allow you to find anything classified as 'Environmental Issues', eg life-cycle analysis, cradle-to-grave analysis, ecobalances etc (classified from 1994 onwards)
- **931?/CC** will find anything classified as looking at the impact of light on polymers, one of the ways that polymers are affected in the environment
- **935?/CC** will pick up results looking at the impact of other chemicals (i.e. chemical environment)
- **951?/CC** will include results on environmental stress cracking

Use of these classification codes together with appropriate free-text keyword searching should help you find some useful results.

For more information on the Rapra Polymer Library Thesaurus of keywords or Classification Code system see the STN International website at [RAPRA Classification Codes](#).

We will be very pleased to assist with your searches or feed back comments to the database producers for you.

Tips from the Help Desk: DCR – the hidden benefit of DWPI!

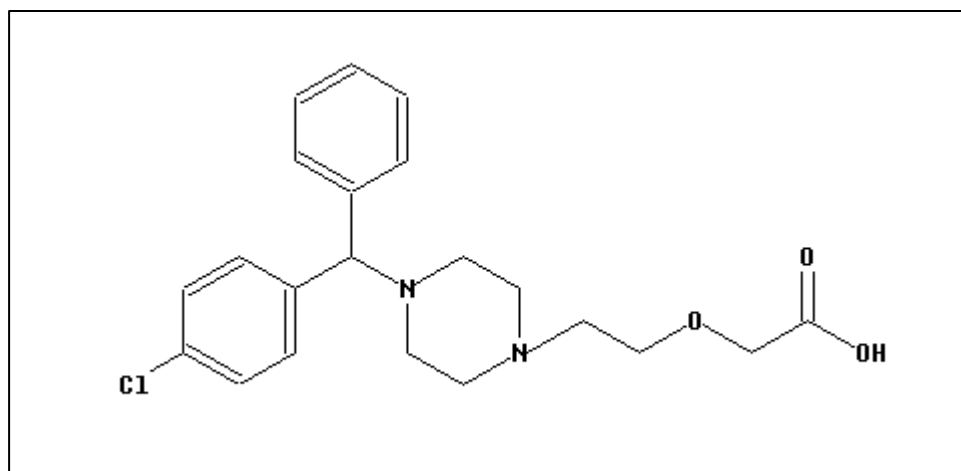
Multifile structure searching using DWPI/DCR and REGISTRY/CAPLUS/MARPAT

Do you regularly run substructure searches in the Registry File & MARPAT? Have you considered that there could be additional answers available in World Patents Index?

Here are the 5 steps to comprehensive structure searching:

1. Prepare a suitable standard structure query for REGISTRY/MARPAT and WPINDEX
2. Run the search in REGISTRY/CAPLUS and display records
3. Run the search in MARPAT, remove duplicates between CAPLUS and MARPAT and display additional MARPAT records
4. Run the search in DCR/WPINDEX
5. Remove duplicates between CAPLUS/MARPAT and WPINDEX, display additional WPINDEX records

Search Question: Search for all patent references of cetirizine, including salts and mixtures



=> **FILE REGISTRY** <- Upload structure query (L1)

=> **S L1 FAM SAM** <- Run a free sample search

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
PROJECTED ITERATIONS: 7 TO 298
PROJECTED ANSWERS: 3 TO 163

L2 3 SEA FAM SAM L1

=> **D SCAN** <- Review some of the answers with **D SCAN** to confirm the query is ok

L2 3 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Acetic acid, [2-[4-[(R)-(4-chlorophenyl)phenylmethyl]-1-

piperazinyl]ethoxy]-, sodium salt (9CI)
MF C21 H25 Cl N2 O3 . Na

=> S L1 FAM FULL

L3 28 SEA FAM FUL L1 <-The FULL-file family search retrieves 28 compounds in
REGISTRY

=> FIL CAPLUS <- Crossover to CAPLUS retrieves 457 patent records (P/DT)

=> S L3 AND P/DT

1222 L3
5720347 P/DT
L4 457 L3 AND P/DT

=> D BIB ABS HITSTR 1-

=> FIL MARPAT

=> S L3 CSS SAM <- Use REGISTRY answer set (L3) for MARPAT search

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 52147 TO 57853
PROJECTED ANSWERS: 0 TO 0

L5 0 SEA CSS SAM L1

=> S L3 CSS FULL

L6 17 SEA CSS FUL L1

=> S L6 NOT L4 <-the MARPAT search retrieves 6 additional records

89 L4
L7 6 L6 NOT L4

=> D BIB ABS FHIT 1-

=> FIL WPINDEX <- Repeat the family structure search in WPINDEX

=> S L1 FAM SAM

PROJECTED ITERATIONS: 4 TO 99
PROJECTED ANSWERS: 1 TO 40

L8 1 SEA FAM SAM L1

=> D TRIAL

L8 ANSWER 1 OF 1 WPINDEX COPYRIGHT 2005 THE THOMSON CORP on STN

AN.S DCR-1000746
CN.S (2-{4-[(4-Chloro-phenyl)-phenyl-methyl]-piperazin-1-yl}-ethoxy)-acetic
acid; monohydrochloride
MF C21 H25 Cl N2 O3 . H Cl

=> S L1 FAM FULL <- the full-file structure search retrieves 10 DCR-records

L9 10 SEA FAM FUL L1

=> S L9/DCR <- 10 DCR-records retrieve 303 patent records

L10 303 L11/DCR

=> **DUP IDE L4 L7** <-the command **DUPLICATE IDENTIFY** is useful to merge the **CAPLUS (L4)** and **MARPAT (L7)** answer set = L11

L11 463 DUP IDE L4 L7 (INCLUDES 0 SETS OF DUPLICATES)

=> **FIL WPINDEX** <-Enter the file **WPINDEX** again

=> **TRA L11 PN** <- Use the **TRANSFER** command to transfer all patent numbers from the **CAS** files to **WPINDEX**

L12 TRANSFER L11 1- PN : 2650 TERMS

L13 452 L12

=> **S L10 NOT L13** <- the **WPINDEX** search retrieves **47** additional inventions

L14 47 L10 NOT L13

=> **D FULL HITSTR 1-**

What is unique to DCR/WPI?

| | |
|------------------------------|-----------------|
| preparations | 2 |
| preparation of intermediate | 1 |
| highly relevant formulations | 11 |
| other formulations | 21 |
| methods of disease treatment | 7 |
| delivery devices | 5 |
| | 47 total unique |

System News

Time limit for inactive STN sessions doubles to 40 minutes

If workplace interruptions are causing you to encounter the 20-minute inactivity disconnect from STN, we have a solution - a longer timeout period before your session is logged off.

Up to now you have had 20 minutes of inactivity before the LOGOFF command disconnects you. Now you have double that time limit - **40 minutes** - before your session times out.

Automatic LOG HOLD is not possible because STN cannot support large numbers of suspended inactive accounts while other STN customers are trying to log in. But if you know you are going to have to be away from your session and need to return to it, you can still enter LOG HOLD yourself.

STN Express currently has a built-in timer that reminds searchers after 15 minutes of inactivity that they have five minutes left before their session is disconnected – but don't worry, you really have up to 25 additional minutes after the message appears.

STN Database News You May Have Missed ...

CA/CAPLUS enhanced with new citing references features

The CA/CAPLUS family of databases has been enhanced with new, more convenient access

to citing references information on STN. Citing references information can be used to track records that cite a specific record in CA/CAplus.

New search, display, select, and sort fields:

- OS Citing References Count (OSC.G or alias CITING.CNT) – number of citing references
- Date Last Cited (UPOS.G or alias CITING.UP) – date last citing reference entered STN
- OS Citing References (OS.G or alias OS.CITING.AN) – citing reference accession numbers (not sortable)

New display formats:

- OSG - displays OSC.G, UPOS.G and OS.G (up to 50 accession numbers)
- OS.GMAX - displays OS.G (up to 1020 accession numbers)
- OSG.MAX - displays OSC.G, UPOS.G, and OS.G (up to 1020 accession numbers)

Accession numbers in the new OS.G display format link to the ALL display format for the citing reference record in CAplus.

Several existing display formats have been updated to include the new citing references fields:

- ALL, DALL, IALL (OSG)
- MAX, DMAX, IMAX (OSG.MAX)
- BIB, IBIB, FBIB, STD, ISTD (OSC.G)

These updates may impact the import of records into database management software.

A new Update Date, Citing References (UPOG) option for current- awareness alerts (SDIs) is also available in CA/CAplus. This new option provides alerts to CAplus documents that cite a document of interest.

CA/CAplus enhanced with legal status information for U.S. patents

Legal status information for patents from the United States Patent and Trademark Office (USPTO) back to 1980 has been added to the CA/CAplus family of databases. The information is available in records for:

- U.S. patents
- Non-U.S. patents that have a U.S. patent equivalent

A new Legal Status U.S. Patent (LSUS) display format includes information on all assignment and reassignment events:

- Reassignment Date (RAD)
- Reassignment Update Date (RAUP)
- Reassignment Kind (RAK)
- Patent Assignee, Original (PAO)
- Reassignment Execution Date (RAXD)
- Reassignment Company (RAC)
- Reassignment Agent (RAA)
- Microfilm Reel Number of the document at the USPTO (MRN)
- Microfilm Frame Number of the document at the USPTO (MFN)

Display formats that include Patent Information (PI) and Priority Application Information (PRAI) now include a message that indicates when the new legal status information is available for display.

Applicant Citations and First Page Images added to EPFULL

The European Patents FULL text database EPFULL is enhanced with first page images from European patent applications and references cited by the applicant in the description of European patent applications or granted European patents.

EPFULL covers bibliographic information, full text and legal status information for European patent applications, granted European patents and PCT applications transferred to the European Patent Office (EPO) since the beginning of the EPO in 1978.

The new data elements, first page images and applicant citations are present for documents which were updated or entered the database after January 2006. The vast majority (>99 %) of these documents have been published after 2000.

First page images are present for European patent applications in TIF format and can be displayed with the display format GI. Several predefined display formats containing images were established, eg STDG, ALLG or MAXG.

Patent (REPA) and non-patent literature (RENA) citations given by the applicant within the description of a patent document have been extracted from the text and are made available for search and display. Relevant citations included under INID 56 on the first page of granted patent documents had already been present in EPFULL . They contain examiner and search report citations. Information from applicant citations are indexed together with INID 56 citations in

/REN (Referenced Non-Patent Literature),
/RPN (Referenced Patent Number) and
/RPC (Referenced Patent Country).

REPA and RENA are included in the MAX and IMAX display formats, and together with the INID 56 citations in the RE display format. REPA and RENA are also custom display fields.

For GI an additional fee is charged for displaying.
REPA and RENA are billed like other bibliographic information in the EPFULL file.

The revised summary sheet is available online available in STNGuide (=> S EPFULL/DBN) and on the WEB at: http://www.stn-international.de/sum_sheets.html.

INPADOCDB/INPAFAMDB Update

1. New Russian legal status data

From week 2009/29 onwards, legal status data for Russian patents and utility models are included in INPADOCDB/INPAFAMDB. Only front file data is available and the upload of this data started with the notifications of the Russian Patent Bulletin of 10 April 2009. Patent and utility models from the former Soviet Union that were valid (or are still valid) in Russia will also be included. Three deliveries a month (on the tenth, on the twentieth and at the end of the month) are expected.

2. Loading Chinese legal status back-file data

The loading of the back-file data is still in progress and by July 2009 Chinese legal status data from 1998-2009 for about 2.1 million applications had been loaded. The collection of back-file data will eventually include over 6.7 million records and cover all Chinese legal status events for patent and utility model applications in China dating back to October 1985. The Chinese legal status front-file data is being delivered in quarterly batches.

3. Updated Database Coverage

INPADOCDB and INPAFAMDB now cover over 90 patent authorities with about 70 million patent publications for 55 million applications since 1790. They are grouped into 36 million extended patent families (Inpadoc definition).

2600 legal status codes with more than 51 million legal status entries appear in 20 million patent applications since 1978.

About 80 million patent and non-patent citations are available for 21 authorities.

About 18 million abstracts are available (71 % in English). Use the EXPAND command in the FA Field (FA=Field Availability) to see how many abstracts in different languages are currently available, eg:

=> **FIL INPADOCDB**
=> **E AB/FA**

```
**** START OF FIELD ****
E3  14092094 --> AB/FA
E4   960417  ABDE/FA
E5   659817  ABES/FA
E6  2129660  ABFR/FA
E7   298036  ABOL/FA
E8   250452  ABOR/FA
E9  55409129  AI/FA
E10 55510787  AN/FA
E11 51698431  DAV/FA
E12  947752  DF/FA
```

4. San Marino becomes the 36th member state of the European Patent Organisation

On the 11th of July 2009, San Marino (SM as the designated state code) became the 36th member state of the European Patent Organisation.

GBFULL: Backfile data added going back to 1855

Coverage of the GBFULL (United Kingdom Patents full text) file on STN has been significantly extended through the implementation of backfile information produced by LexisNexis Univentio going back to 1855.

So far GBFULL covered the complete collection of UK patent applications back until 1979 when the UK Office started to publish applications. Since November 27 2008 database updates have been covering granted patents in addition to patent applications. Now the complete backfile information for granted patents, starting with publication year 1855, has been loaded into the database. This means that full text for the complete national patent family is available for search in the GBFULL file.

Patent applications and corresponding granted patents form one database record. Database records contain bibliographic data and full text for description and claims. For more than 95% of the applications an abstract is available. Full text information starts in 1859 but is incomplete for earlier publication years. Clipped images, mostly front page images, are also included, when available. Full text data have been created by Optical Character Recognition (OCR) software and may therefore contain misinterpreted characters or incomplete text.

USGENE enhancements

1. Enhanced bibliographic and sequence information

The USPTO Genetic Sequence Database (USGENE) now includes even more extensive

bibliographic and text search options for refining U.S. patent sequence searches. From July 2009, USGENE sequence records now include:

- Priority application information (PRAI), including priority application numbers (PRN) and dates (PRD)
- U.S. related application information (RLI), including U.S. related application numbers (RLN) and dates (RLD)
- Calculated patent expiration date (XPD) and patent term adjustment information (NTE, PTA) for issued patents
- A concise one-line Sequence Description (DESC), for improved efficiency when reviewing search results

The new data fields are all fully searchable and incorporated into the standard display formats BIB, BRIEF and ALL. In addition, the Sequence Description (DESC) field is now part of the free-of-charge TRIAL display format, for even faster relevance checking of USGENE search results.

USGENE is the most comprehensive and timely collection of U.S. patent sequences. The database covers all available peptide and nucleic acid sequences from published applications and issued patents of the United States Patents and Trademark Office (USPTO). U.S. patent and published application sequence data are available within three days of publication by the USPTO.

2. Enhanced coverage of patent sequence location (PSL) data

Patent sequence location data have been added to the USPTO Genetic Sequence Database (USGENE) back to June 2007.

The PSL-field provides the sequence identity number and, if the sequence identity number is described in the claims, the corresponding claim number. This allows you to easily identify those sequences mentioned in the claims.

USGENE is the most comprehensive and timely collection of U.S. patent sequences. The database covers all available peptide and nucleic acid sequences from published applications and issued patents of the United States Patents and Trademark Office (USPTO). U.S. patent and published application sequence data are available within three days of publication by the USPTO.

Japanese FTERM thesaurus added to the DWPI files

Japanese Patent Classifications including FTERMs have been added to the DWPI database (files WPINDEX/WPIDS/WPIX) recently. Now a thesaurus is available for easier navigation through the maze of codes. For available relationships see HELP RCO online.

COMPENDEX indexing changed for the Corporate Source (CS) field

In Computerized Engineering Index and Ei Engineering Meetings (Ei COMPENDEX), the Corporate Source (CS) field has been re-indexed. Author names have been removed so that only company names are available for search and select in the CS field. The display has not been changed; author names still display along with their associated corporate sources. To search for author names and their associated corporate sources in the CS field, use the (P) operator:

=> **S TELLE?/AU(P)RWTH AACHEN/CS**

ENCOMPLIT/ENCOMPLIT2 reloaded and enhanced

EnCompass Literature File (ENCOMPLIT/ENCOMPLIT2) has been reloaded with several enhancements. The databases cover the nonpatent literature of the petroleum refining, petrochemical, natural gas, and energy industries. Enhancements include:

New fields provide additional search, display, select, and sort capabilities:

- Country of Publication (CY)
- E-mail Address (EML)
- International Standard Document Number (ISN)
- Journal Title, Abbreviated (JTA) - custom display format
- Journal Title, Full (JTF) - custom display format
- Meeting Date (MD)
- Meeting Location (ML)
- Meeting Organizer (MO)
- Meeting Title (MT)
- Meeting Year (MY)
- Number of Report (NR)
- Publisher (PB)
- Summary Language (SL)

Existing fields provide new content or functions:

- Abstracts (AB) are separately searchable.
- Authors are linked to organizations (AU.CS) in new records (April 27, 2009 to the present).
- Entry Date (ED) and Update Date (UD) are displayable.
- Field Availability (FA) posting is supported for most fields.
- Stopwords are indexed in the Basic Index (BI) and Title (TI) fields.

Simultaneous left and right truncation (SLART) is now available for these search fields:

- Basic Index (BI)
- Abstract (AB)
- Supplementary Term (ST)
- Title (TI)

DISPLAY SCAN allows you to display randomly selected answers from an answer set at no charge. DISPLAY SCAN shows the following fields per record, as available:

- Title (TI)
- Classification Code (CC)
- Controlled Term (CT)
- CASRegistry Number (RN)
- Linked Terms (LT)
- Template Available (ATM)

For more information, enter HELP DSCAN at an arrow prompt (=>) in the database.

Training Opportunities and Updates

Hands-on Workshops

The STN Agency offers all public training courses **free of charge**, but we do reserve the right to cancel courses if there is insufficient interest. We will give you notice of any cancellation at least a week in advance, and ask that you let us know if you have to cancel after registering.

November

7 Engineering files on STN Cambridge

December

8 Biomedical file searching on STN Cambridge

9 Sequence searching on STN Cambridge

[Registration Form:](#)

All full-day sessions will run from 10.00am to 3.30pm

CAS and FIZ e-Seminars

Live, interactive, web-based seminars bringing professional training to your desktop, each one hour long.

See: <https://casevents.webex.com/casevents/mywebex/default.php> for a list of CAS 2009 broadcasts and links to the registration page for the following:

| | | |
|-------------|------------|--|
| 8 October | at 2.00 pm | Finding complete polymer information through chemical name and structure searching |
| 12 November | at 2.00 pm | MARPAT searching on STN : Why did I get that? |
| 10 December | at 2.00 pm | Searching for inorganic substances on STN |

See: <http://www.stn-international.com/e-seminars.html> for a list of FIZ 2009 broadcasts and links to the registration page for the following:

| | | |
|-------------|------------|--|
| 13 October | at 2.00 pm | Case study: Searching for non-patent literature (automotive) |
| 10 November | at 2.00 pm | Patent citation searching on STN |
| 8 December | at 2.00 pm | Comprehensive patent family information on STN |

And Finally ...

Please contact us if you have any comments or questions arising from this newsletter:

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