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North American Edition

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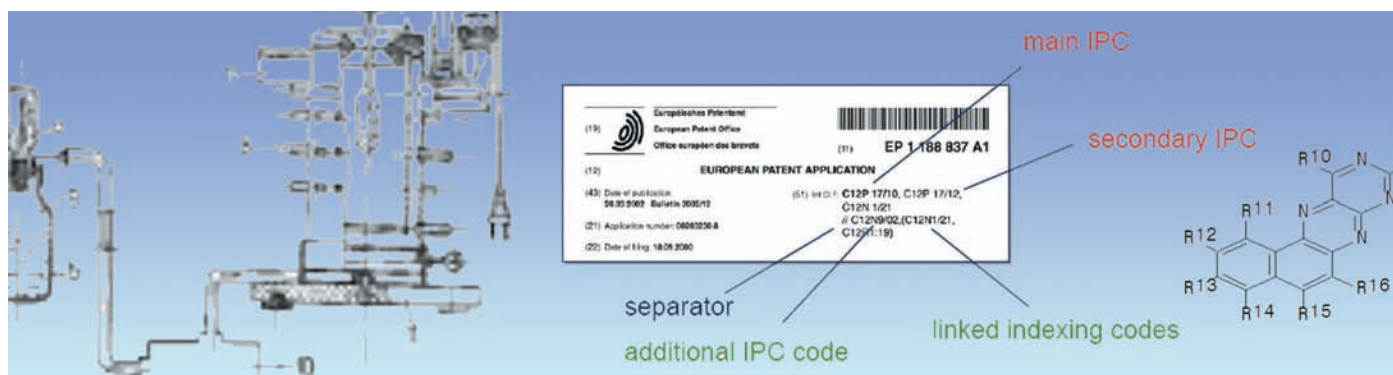
21 CAS Registry Number[®] crossover limit increased



2006—Year in Review

This year brought many changes to STN[®], including IPC Reform, new releases of STN[®] AnaVist[™] and STN Express with Discover!, system and database enhancements, and numerous training opportunities.

This article summarizes notable information about STN features, products, databases, and services published in STNews in 2006. Issue and page references for all of the 2006 news may be found in STNews: An index to the 2006 issues. The index is included with this issue of STNews and is also available at www.cas.org.



Enhanced access to IPC 8 data

On January 1, 2006, the World Intellectual Property Organization's (WIPO) International Patent Classification (IPC) Reform went into effect for patent-issuing authorities using IPC codes. IPC Reform codes, commonly referred to as IPC 8 codes, post-Reform codes, or IPC symbols, enhance search and retrieval efforts and efficiency through this new standard classification index.

IPC 8 codes began to be included in STN patent databases starting in January 2006. In tandem with the reform efforts, the European Patent Office (EPO) reclassified patents to conform to the IPC Reform. Reclassifications were also added to several STN patent databases—most notably, the CASM/CAplusSM family of databases, USPATFULL/USPAT2, and INPADOC. A second round of reclassifications delivered late in the year was released in the CA/CAplus family of databases and in USPATFULL/USPAT2.

STN actively implemented IPC 8 data into its patent databases. The STN implementation provided access to new additional information provided with IPC 8, enabled file crossovers, and provided multifile searching capabilities.

In particular, the following enhancements became available in 2006:

- STN patent databases were modified to accept IPC codes in either pre- or post-Reform format for searching. This eliminated the need for users to reformat the IPC codes in their strategies.
- Cross-field searching capabilities were retained. It is possible to search a pre-Reform IPC code, without reformatting, in the revised IPC field. It is also possible to search an IPC 7 code in an IPC 8 format, without reformatting, in the ICM field, which appears only in pre-Reform records.
- The new SET command, SET ICFORMAT ON, allowed users to DISPLAY or SELECT pre-Reform IPC codes in the new IPC 8 format.
- Rolled-up Core codes were implemented in a number of STN databases, allowing users a means to search across IPC codes assigned by different patent-issuing organizations at the Advanced and Core levels.
- A new version of the IPC thesaurus became available in most IPC code-containing databases on STN. This enhanced searching opportunities in these databases, especially those in which the IPC thesaurus was implemented for the first time.
- Patent family members in the CA/CAplus family of databases were enhanced with the addition of available IPC code information for many patent family members, including the backfile, providing additional retrieval opportunities for patent documents included in CA/CAplus.
- A number of IPC code-containing patent databases on STN were also enhanced with IPC reclassification data in the new IPC Reclassification (IPCR) field.

Progress on the details of IPC Reform implementation in STN databases was provided throughout 2006 at www.cas.org/EO/ipcreform.html.

For information on specific databases, see the Database Enhancements section later in this article.



STN AnaVist—feature enhancements

STN AnaVist, the analysis and visualization software introduced by STN in 2005, was further developed and enhanced in 2006. Pricing for STN AnaVist was simplified, the ability to create subset visualizations at no additional charge proved to be a key benefit and was very popular among STN AnaVist users, and a policy of not charging for the STN AnaVist software also was adopted.

A new release of the software also introduced two major features:

- Sharing visualization projects
- Creating project reports

Sharing visualization projects

Visualization projects can now be shared if both the sender and receiver have:

- STN AnaVist, Version 1.1
- A full-access STN login ID or STN AnaVist Login ID for Shared Projects

Login IDs for Shared Projects allow the holder to:

- Download or order STN AnaVist software
- Open STN AnaVist shared projects
- Customize projects, e.g., create new charts, edit terms
- Display, print, and save documents (standard charges apply)
- Perform subset visualizations

STN AnaVist Login IDs for Shared Projects must be requested by a full-access STN login ID holder. All fees incurred by the STN AnaVist Login ID for Shared Projects holder are billed to the full-access STN account with which they are associated.



The shared project is saved in AnaVist eXchange format (.avx) as a small file (less than 10 KB) that can be easily stored or sent by e-mail.

Summary Report for Project 11
Created: Mon Jan 30 2006 16:12:14 EST
Document Count: 622 references
Copyright 2006 by the American Chemical Society

Research Publishing Trend

Top Organizations

Top Researchers

Research Landscape

Selected Documents

Detailed Report for Project 11
Document Count: 622
Serial Number(s):
Mon Jan 30 2006 16:12:14 EST

Table of Contents:

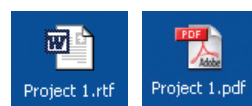
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STN AnaVist Summary Report for Project 11, Mon Jan 30 2006 16:12:14 EST
Copyright 2006 by the American Chemical Society

Sample summary and detailed reports from STN AnaVist. These predefined reports can be created quickly and easily for any visualization project.

The recipient of the .avx file can open the project by either double-clicking on the file or selecting **File > Open Project Copy** within STN AnaVist.

Creating project reports



Two types of predefined reports can be created as either .rtf or .pdf documents:

- One-page Summary Reports
- Multiple-page Detailed Reports

Summary Reports are one-page overviews that include:

- Information about the project, e.g., creation date, number of documents
- Charts of publication trends, top organizations, and top authors/inventors
- Research Landscape
- Short list of selected documents from the project

STN AnaVist, the analysis and visualization software introduced by STN in 2005, was further developed and enhanced in 2006.

Detailed Reports are multiple-page documents that contain:

- Summary of the project, e.g., databases and types of documents searched, total number of documents, overall publication trends
- Research Landscape
- Top organizations, including publication trends
- Collaboration charts, indicating documents that were co-authored by researchers at more than one organization
- Top researchers, including numbers of documents
- List of selected documents from the project

STN Express with Discover!

STN Express with Discover!— feature enhancements

Three free maintenance releases for STN Express with *Discover!* became available during 2006. These releases provided a number of customer-requested enhancements.

The following feature enhancements were introduced:

- STN Express® now launches automatically when you double-click any of these file types: .rep, .tbl, .str, .trn.
- Selecting **Help > View STN Express User Guide** provides access to the most recent updates in the STN Express User Guide.
- The Report and Table post-processing tools have been updated to accommodate new fields available in the recently reloaded Derwent World Patents Index (DWPISM) database suite.

STN system enhancements

LOGOFF HOLD duration extended

The time limit set for the LOGOFF HOLD command in STN has been extended from 60 to 120 minutes.

E-mail format enhanced

The PRINT command in STN lets you send prints (copies) of answers electronically to a specified STNmail ID or e-mail address.

The format for e-mail generated with the PRINT command now includes additional information.

The format for hyperlinked e-mail generated with the SDI command now includes additional information.

CAS Registry Number crossover limit increased to 300,000 in multiple databases

The crossover limit for CAS Registry Numbers (RN) has increased in 17 additional databases on STN.

More detail regarding the enhancements listed here is available in the Take Note section of this issue.

Database enhancements

ADISCTI

The database was reloaded and enhanced with new search and display fields:

Ongoing Trial (OT), Classification Code (CC), Other Source (OS), Data Entry Date (DED), Data Update Date (DUP), and ISSN Number (ISN).

Simultaneous left and right truncation (SLART) became available in Basic Index (BI) and Title (TI) fields, and the stop word list was removed.

BEILSTEIN

The database was updated with more than 64,000 new compounds and supplementary data for approximately 40,300 compounds.

BIOSIS®

Journal coverage was expanded to include additional 250 journal titles representing all areas of life sciences.

CASM/CAplusSM

The following enhancements and additions took place as a result of the implementation of the IPC Reform:

- IPC 8 codes and reclassifications from the European Patent Office (EPO) were added.
- IPC codes for many patent family members were added.
- IPC range searching was enhanced by allowing spaces around a hyphen when searching an IPC range, in addition to being able to use a colon, with or without spaces.
- The IPC thesaurus was enhanced by identifying the Core and Advanced IPC codes.
- Arrow highlighting was added to the IPC. TAB display format.
- Rolled-up Core codes were added.

Many patent kind codes used in CA/CAplus records were changed so that they more accurately represent the data published on the patent documents. The backfile was updated with the new patent kind codes to ensure searching consistency. The PK.OLD and PK.B.OLD fields were introduced to contain the patent kind code information that was previously used.

The F-Term thesaurus for patent classifications used by the Japanese Patent Office (JPO) was enhanced to provide better hierarchical displays and searching capabilities.

The Company Name Thesaurus was updated and now includes over 100,000 names.

Austrian patent law changes were accommodated so that patent applications continue to be covered in CA/CAplus as basic patents, i.e., the first family member of a family added to CA/CAplus. Granted patents are covered as family members.

Simultaneous left and right truncation (SLART) was added to the individual fields that comprise the Basic Index (BI), including Abstract (AB), Title (TI), Index Term (IT), and Supplementary Term (ST) fields.

The display of indexing terms for general subject terms in the CA Lexicon was enhanced. All OLD terms are now displayed together at the beginning of the +ALL/CT display. In addition, the new +MAX relationship code can be used in place of +ALL, LT to display linking terms, i.e., terms that modify the controlled vocabulary subject index headings.

More pre-1907 records were added. Over 18,000 records for U.S. chemical patents from 1900-1906 were added. In addition, over 2,600 records from the 1878-1906 issues of the *Journal of the Chemical Society, Transactions* were added.

The CAS preparation role (PREP) was added to nearly 4 million index entries in CA/CAplus records from 1907-1966. Simplified retrieval of preparations will be possible from 1907 to the present.

The CA/CAplus to MARPAT® accession number (AN) crossover limit was increased from 10,000 to 50,000.

CEABA-VTB

The English (CC) and German (CCDE) classification code fields in CEABA-VTB were reloaded with a new classification scheme.

CHEMCATS®

The total number of records surpassed 12 million.

CHEMLIST®

The new Restricted Chemical List (RSTR) search and display field identifies chemical substances that have legislative import, manufacture, and/or use restrictions in the following countries: Israel, Taiwan, Canada, Hong Kong, Singapore, India, Pakistan, and China.

CHEMSAFE

Recommended safety characteristics of approximately 2,800 pure components and 500 mixtures (e.g., flammable liquids, gases, and dusts) were added.

EMBASE/EMBAL

New data for the Electronic ISSN (E-ISSN) and Article Number (ARN) were added to the Source (SO) field. E-ISSN data were also added to the International Standard (ISN) field for search and display.

EMBASE began daily, rather than a weekly, updates. Current-awareness alert (SDI) frequencies remain weekly (default) and biweekly.

ENCOMPLIT/ENCOMPLIT2

New data for the Electronic ISSN (E-ISSN) and Article Number (ARN) were added to the Source (SO) field. E-ISSN data were also added to the International Standard (ISN) field for search and display.

EPFULL

IPC 8 Reform codes and the IPC thesaurus were implemented.

FRANCEPAT

Updates were resumed and are now being implemented on a weekly basis.

IPC 8 codes were added, and the IPC thesaurus was implemented.

FSTA™

Coverage was enhanced to include Japanese patent documents.

IFIPAT/IFUDB/IFICDB

A reload was launched late in 2006. Key features were the implementation of IPC Reform, the introduction of an IPC thesaurus, separately searchable Abstract and Claims fields, the removal of stopwords, and the availability of simultaneous left and right truncation (SLART) in a number of Basic Index fields.

INPADOC

IPC 8 codes and reclassified IPC codes were implemented.

Rolled-up Core IPC codes were added for searching and displaying.

The IPC thesaurus was implemented.

INSPEC®

The 1898-1968 Archive enhancement resulted in the addition of 873,699 records.

More granular search fields for the abstract and controlled terms are now available.

JAPIO

JAPIO was enhanced with IPC 8-compliant features and functionality. A number of new search, display, and select fields and an IPC thesaurus were added.

MARPAT

Approximately 48,000 Markush structures were added from the pre-1988 time period.

Structure highlighting in the FQHIT and QHIT display formats was improved. In addition, the option to SET MARHIGHLIGHT OFF was added to allow you to revert to the original FQHIT and QHIT highlighting.

MEDLINE®/LMEDLINE

The annual reload was launched early in the year.

2006 MeSH terms became available. Over 990 new MeSH Headings and more than 185 updated MeSH Headings were added to reflect more current terminology.

The following enhancements were also made:

- Electronic ISSN (E-ISSN) for electronic journals were added, when available, to the Source (SO) field.
- Stop words were eliminated.
- A new search and display field, COMMENT (CM), was added.
- At least one MeSH heading in the Controlled Term (CT) was added to OLDMEDLINE records.
- Simultaneous left and right truncation (SLART) was added to the Title (TI) field.
- Publication Date (PD) was made a numeric field in the YYYYMMDD format that is searchable and selectable.
- Publication dates were made searchable in the SO field but not in the numeric YYYYMMDD format.

PATDPAFULL

IPC 8 codes were added, and the IPC thesaurus was implemented.

PATDPASPC

IPC 8 codes were added, and the IPC thesaurus was implemented.

PAPERCHEM2

New data for the Electronic ISSN (E-ISSN) and Article Number (ARN) were added to the Source (SO) field. E-ISSN data were also added to the International Standard (ISN) field for search and display.

IPC codes were made to be searchable in both pre- and post-Reform format.

PCTFULL

U.S. inventor names are no longer indexed in the Patent Assignee (PA) field, but rather in the Inventor (IN) field.

IPC 8 codes were added, and the IPC thesaurus was implemented.

REGISTRY/ZREGISTRY

Nearly 40,000 mass spectral images were added to over 30,000 records.

With this enhancement, MASS/SPEC and MASS SPECTRA/SPEC were added to the search fields, and SPEC.MASS to the display fields.

The amino acid codes for pyrrolysine were added.

The CAS Registry Number crossover limit increased to 300,000 in multiple databases on STN.

RUSSIAPAT

The IPC thesaurus was implemented.

TOXCENTERSM

2006 MeSH headings and tree number terms were made available in all new records and updated records for the MEDLINE segment of TOXCENTER.

The following enhancements were made:

- All labels of subfields in the Source (SO) field are now searchable.
- Former stop words are now indexed.
- Simultaneous left and right truncation (SLART) was added to the Title (TI) field.

The following enhancements were made to the MEDLINE segment of TOXCENTER:

- The Source (SO) field now contains the International Standard Serial Number (ISSN) for print and the Electronic ISSN (E-ISSN) for electronic journals when available.
- OLDMEDLINE records now include at least one MeSH heading in the Controlled Term (CT) field.
- A new search and display field, COMMENT (CM), is now available and displays after the SO field in the ALL format.

TULSA/TULSA2

IPC Reform features were added and an IPC thesaurus was implemented.

Simultaneous left and right truncation (SLART) was added in the Abstract (AB), Basic Index (BI), and Title (TI) fields, and sentence proximity searching was added in the AB field.

Over 140,000 records in the TULSA database backfile were enhanced with the addition of abstracts.

A new monthly current-awareness alert (SDI) frequency became available; SDIs are now available both weekly (default) and monthly.

USPATFULL/USPAT2

The following enhancements and additions took place as a result of the implementation of IPC Reform:

- IPC 8 codes and the European Patent Office (EPO) reclassifications were added.
- IPC code range searching was enhanced by allowing a hyphen with spaces, in addition to being able to use a colon, with or without spaces, between the codes in your search.
- Arrow highlighting was added to the IPC. TAB display format.
- The IPC thesaurus was enhanced by identifying the Core and Advanced IPC codes.
- Rolled-up Core codes were added to the International Patent Initial Classification (IPCI) field.

WPIFV/WPIDS/WPINDEX/WPIX

A complete reload offered many new and enhanced features:

- New record structure for the Invention Level (or patent family) comprising the traditional Derwent content and the Member Patent Level (or publication) now allows users to search and display bibliographic data and general indexing information associated with individual documents that make up the patent family Invention Level.
- Text-searchable archival abstracts indexed in the Basic Index enhance retrieval.
- Additional first-level data were added.
- IPC Reform enhancements were implemented.
- New search options were made available, e.g., USPTO national patent classifications, more search fields with simultaneous left and right truncation (SLART), stop words removal.
- Enhanced display and download options were added.

Changes to the Austrian patent law were implemented.

Manual codes were revised and incorporated.

Starting with update 200638, coverage of the defensive publication journal *Research Disclosure* was reinstated and the missing backfile was added. The database now has full coverage of *Research Disclosure* from October 1978 to the present.

A new application number format for Chinese (CN) patents was implemented.

Training opportunities

CAS e-Seminars, web-based seminars, bring professional training to your desktop. In 2006, the following e-Seminars were offered:

- Finding Antibodies & Immunoglobulins
- Is that patent still valid? Finding patent expirations and extensions
- Finding Regulatory Compliance Information in CHEMLIST
- Property Searching in CAS REGISTRY
- Searching for Engineering Information
- Using *Discover!* Wizards in STN Express
- Capitalizing on IPC Reform
- Creating Superior Document Sets for STN AnaVist
- Maximizing your STN Fixed Fee Plan
- Text Searching in CAS REGISTRY
- STN: Multifile Structure Searching for Patent Information
- STN: Processing Sequence Data

To view a recording, visit <https://casevents.webex.com>.

CA/CAplus

–F-Term thesaurus enhanced; patent kind codes updated; pre-1967 chemical substance index entries enhanced with preparation role; MARPAT accession number crossover limit increased to 50,000

F-Term thesaurus enhanced

The F-Term thesaurus in CA/CAplus has been enhanced with multilevel Narrower Terms (NT) in the search and display hierarchy.

The F-Term thesaurus was added to CA/CAplus earlier this year to provide enhanced and efficient access to Japanese patent content. F-Terms are patent classifications used by the Japanese Patent Office (JPO) and have been included in CA/CAplus since January 2004.

Patent kind codes updated

Patent kind codes in CA/CAplus records are being updated to more accurately reflect data published on patent documents. As a result, patent kind codes in many new CA/CAplus records are expected to change. To ensure consistent patent kind code searching, updating of the CA/CAplus backfile will begin in late December.

The updated patent kind codes appear in the PK and PK.B fields of CA/CAplus. New PK.OLD and PK.B.OLD fields display the old patent kind codes. These new fields are not included in any default display formats, but can be added to custom displays.

The update to CA/CAplus patent kind codes may impact search strategies in current-awareness alerts (SDIs) or in saved search queries. You are encouraged to confirm the validity of these queries.

Information on the updated patent kind codes is available at: www.cas.org/EO/patkindchanges.html

Additional information on patent kind codes in CA/CAplus is available at:

www.cas.org/EO/patkind.html

www.cas.org/EO/patyear.html

Pre-1967 chemical substance index entries enhanced with preparation role

The CAS preparation role (PREP) has been added to nearly 4 million index entries in CA/CAplus records from 1907-1966. Simplified retrieval of preparations is now possible from the beginning of CA indexing in 1907 to the present.

Additional information on CAS roles is available at: www.cas.org/ONLINE/QR/casroles.pdf

MARPAT accession number crossover limit increased to 50,000

The CA/CAplus to MARPAT accession number (AN) crossover limit has increased from 10,000 to 50,000.

The CA/CAplus Database Summary Sheets are available at: www.cas.org/ONLINE/DBSS/cass.html
www.cas.org/ONLINE/DBSS/caplusss.html

CHEMLIST

–enhanced with new search and display field

A Restricted Chemical List (RSTR) search and display field is now available in CHEMLIST. The RSTR field identifies chemical substances that have legislative import, manufacture, and/or use restrictions in Israel, Taiwan, Canada, Hong Kong, Singapore, India, Pakistan, and China. Restricted chemical lists from additional countries will be added as they are identified.

The CHEMLIST Database Summary Sheet is available at: www.cas.org/ONLINE/DBSS/chemlistss.html

JAPIO

Japan Patent Information Organization

–enhanced with IPC 8 features and functionality

The Japan Patent Information Organization database (JAPIO) is now IPC 8 compliant. A number of new search, display, and select fields and an IPC thesaurus have been added to the database.

The May 2006 monthly update is now available in JAPIO. Additional monthly updates will be completed in the coming weeks until the database is up-to-date. SDIs will be processed as the monthly updates are loaded.

Enter HELP CHANGE in JAPIO for details on the IPC 8 enhancements.

Additional information on IPC Reform is available at: www.stn-international.de/stndatabases/details/ipc_reform.html

The JAPIO Database Summary Sheet is available at: www.cas.org/ONLINE/DBSS/japioss.html

MARPAT

–option to turn off highlighting enhancements available

Enhanced structure highlighting in the FQHIT and QHIT display formats in MARPAT can now be turned off with the SET command.

- SET MARHIGHLIGHT OFF displays the original FQHIT and QHIT display formats in MARPAT.
- SET MARHIGHLIGHT ON is the default setting and displays all current MARPAT highlighting features.

In order for SET MARHIGHLIGHT ON to display all current highlighting features, the systemwide SET HIGHLIGHT ON command must also be in effect.

The MARPAT Database Summary Sheet is available at:
www.cas.org/ONLINE/DBSS/marpatss.html

Derwent World Patents Index

–include the new DWPI Manual Codes in your 2007 searches and alerts

The Manual Code revision in Derwent World Patents Index is now complete for 2007, and you will start to see the new and revised codes with the first update of January 2007. To ensure that you do not miss out on important data about the latest global technology developments, please check your searches and alerts to ensure they include any relevant new codes or any changes to existing codes.

To view the full lists of new, revised, and retired codes for both CPI and EPI, please go to:
scientific.thomson.com/dwpi-manualcoderevision/



CAS contacts

CAS Customer Care: Phone: 800-753-4227 (North America)
or 614-447-3700 (worldwide)

CAS: Phone: 800-848-6538 (North America)
or 614-447-3600 (worldwide)

E-mail: help@cas.org

CAS web page: www.cas.org

STN web page: www.cas.org/stn.html

Information Professionals: www.cas.org/infopro/

Patent Information on STN: www.cas.org/patents/

STNews: www.cas.org/STNEWS/stnewscover.html

STNews back issues: www.cas.org/STNEWS/backissue.html

STNews

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Enhancements to Derwent World Patents Index

In October, an enhanced version of Derwent World Patents Index (DWPI) was made available on STN. The DWPI database is available in WPINDEX, WPIDS, and WPIX.

Details about the reload were included in the Database News section of the September/October issue of *STNews*. This article highlights the enhancements and provides a sample record.

The DWPI database offers patent information searchers a broader view of global patenting activity. The enhancements provide new value-added content and original patent data, as well as a new two-part structure to facilitate access to the vast data contained in DWPI.

"STN customers will greatly benefit from the additional content and the new record structure, enabling even more precise searching and thus giving them greater insight into their areas of specific interest," said Dr. Rainer Stuike-Prill, vice president Marketing and Sales, FIZ Karlsruhe.

Additional content

New information that is available through the enhanced DWPI database includes:

- Over 750,000 Documentation Abstracts (1995-1999)
- Additional chemical structure indexing (Chemistry Resource) backfile
- New first-level data, such as original patent titles and abstracts, full names of inventors and associated addresses, and patent agent information
- Coverage of USPTO national patent data classifications

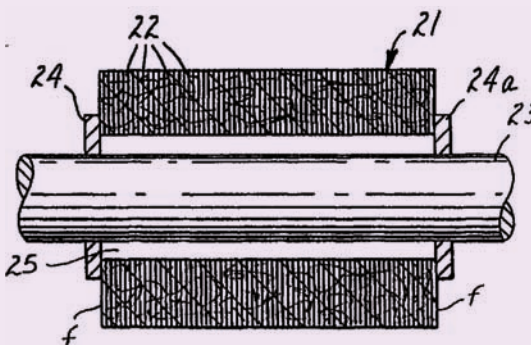
An enhanced DWPI database record.

L2 ANSWER 1 OF 1 WPIX COPYRIGHT 2006 THE THOMSON CORP
on STN
ACCESSION NUMBER: 2000-430976 [37] WPIX
TITLE: Self-healing roll for surface conditioning of sheets, e.g. metal sheets, has non-woven web elements comprising entangled fibers held together by a bonding agent
DERWENT CLASS: A88; F04; M12; P51; P73; Q62
INVENTOR(S): BARBER L L; YOUNG J B
PATENT ASSIGNEE(S): (MINN-C) 3M INNOVATIVE PROPERTIES CO

PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG	MAIN IPC
WO 2000030778	A1	20000602	(200037)*	EN	25[3]	B21B045-02
EP 1135220	A1	20010926	(200157)	EN		B21B045-02
US 6300261	B1	20011009	(200162)	EN		D04H001-00
EP 1135220	B1	20020904	(200266)	EN		21B045-02
DE 69902811	E	20021010	(200274)	DE		
JP 2002530544	W	20020917	(200276)	JA	24	D04H001-58

GRAPHIC INFORMATION:



BASIC ABSTRACT:

WO 2000030778 A1

NOVELTY - A self-healing article e.g. in the form of roll (21) comprises several compacted stacked web elements (22) having entangled fibers bonded together at points of mutual contact by a bonding agent. The article is resistant to an oxidizing agent and has a Shore A hardness of 70-93 and a void volume of 2-30%.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a method of making a self-healing and non-woven article comprising (i) providing several non-woven web elements comprising entangled fibers bonded at points of mutual contact by a bonding agent; (ii) stacking into a pile; (iii) compacting under a compaction force; and (iv) restraining the pile to form the self-healing article.

Language indicators for all family members.

Separately searchable DWPI abstract sections.

New record structure

A new record structure was also introduced. Two levels of data—Invention and Members—are available for each record.

The Invention Level comprises traditional DWPI content, such as patent family and enhanced abstracts.

The Members Level portion of the patent record provides additional information from each of the publications listed in the patent family.

This new structure is designed to make records easier to access and use.

Other enhancements

Several other enhancements were made to DWPI, including:

- Stop words were removed.
- Simultaneous left and right truncation (SLART) is now available in most text fields.
- The new subsections on each patent family member can now be individually searched—providing a wealth of additional opportunities for more selective searches.

```

USE - For surface conditioning of sheets, e.g.
metal sheets.
ADVANTAGE - The invention provides a self-healing
article resistant to oxidizing agents having an increased
life span. If used, results in fewer roll replacements and
unscheduled production line downtimes. Chances of chemical
contamination between treating solutions are also minimized.
DESCRIPTION OF DRAWINGS - The figure shows a partial
cross-sectional view of a roll disposed on a keyed shaft.
Roll (21)
    Compacted stacked non-woven web elements (22)
        :
        :
        :
INDEX TERMS:      129411-DIS; 140524-DIS; 368-DIS; 395-DIS;
                  478-DIS

Member(0001)
PI WO 2000030778 A1 20000602 (200037)* EN 25[3]
  B21B-45/02
TIEN SELF-HEALING ARTICLES RESISTANT TO OXIDIZING AGENTS
TIFR ARTICLES DE REGENERATION RESISTANT AUX AGENTS
D'OXYDATION
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  MN 55133-3427, US
  Residence: US
  Nationality: US
ADT WO 2000030778 A1 WO 1999-US24138 19991014
PRAI US 1998-197132 19981120
IC ICM B21B045-02
  ICS B32B003-08; B32B005-26; B32B031-10; B32B033-00;
  C23G003-02; D04H013-00; F16C013-00
ABEN Self-healing articles resistant to oxidizing agents
  and useful for surface conditioning of sheets,
  especially metal sheets, are described. The articles
  (21) comprise a plurality of compacted, stacked non-
  woven web elements (2, 22), the web elements each
  comprising entangled fibers bonded together at points
  of mutual contact by a bonding agent. The article is
  resistant to an oxidizing agent or agents, has a Shore
  A hardness in the range of 70 to 93 and a void volume
  in the range of 2 to 30 percent. The non-woven articles
  can be configured into any of a variety of convenient
  and useful shapes, such as roll shapes, slab or bar
  shapes. The methods of making these articles are also
  described.
        :
        :
    
```

Enhanced
chemical
structure
backfile.

Agent
details and
full inventor
names.

Searchable
publication
level
bibliographic
details.

Original titles
and abstracts.

The DWPI database offers patent information searchers a broader view of global patenting activity.

USPTO Patent Classifications.

Original patent main claim text.

```
Member(0003)
PI US 6300261 B1 20011009 (200162) EN D04H-1/00
TIEN Self-healing articles resistant to oxidizing agents.
AG AG.TOT Allen; Gregory D.
IN YOUNG J B
INO: Young, John B.
INA: Woodbury, MN, US
BARBER L L
INO: Barber, Loren L.
INA: Lake Elmo, MN, US
PA -
PAO: 3M Innovative Properties Company
PAA: Saint Paul, MN, US
ADT US 6300261 B1 US 1998-197132 19981120
IC ICM D04H001-00
IIC IICM D04H001-00
INCL INCLM 442/328.000
INCLS 442/329.000; 442/337.000; 442/417.000;
428/912.000
ABEN Self-healing articles resistant to oxidizing agents
and useful for surface conditioning of sheets,
especially metal sheets, are described. The articles
comprise a plurality of compacted, stacked non-
woven web elements, the web elements each comprising
entangled fibers bonded together at points of mutual
contact by a bonding agent. The article is resistant
to an oxidizing agent or agents, has a Shore A
hardness in the range of 70 to 93 and a void volume
in the range of 2 to 30 percent. The non-woven
articles can be configured into any of a variety of
convenient and useful shapes, such as roll shapes,
slab or bar shapes. The methods of making these
articles are also described.
CLMEN A self-healing article suited for use in the surface
conditioning of sheets, the article comprising: a
plurality of stacked, compacted web elements, the
web elements comprising entangled fibers bonded
together at points of mutual contact by a bonding
agent comprising material selected from the group
consisting of polychloroprene, styrene butadiene
rubber, polysulfide, silicone, polyepichlorohydrin,
and combinations thereof, wherein the article is
resistant to an oxidizing agent and has a Shore A
hardness in the range of 70 to 93 and a void volume
in the range of 2 to 30 percent.
```

Additional resources

For detailed information about recent enhancements and reload information, visit:

www.stn-international.de/stndatabases/details/dwpi_r.html

The WPINDEX/WPIDS/WPIX Database Summary Sheets are available at:

www.cas.org/ONLINE/DBSS/wpindexss.html

www.cas.org/ONLINE/DBSS/wpidss.html

www.cas.org/ONLINE/DBSS/wpixss.html

Structure searching for double bond stereochemistry



Q. How can I search for double bond stereochemistry?

A. By default, REGISTRY retrieves structures with specific double bond stereochemistry as well as structures for which no double bond stereochemistry is indicated.

However, there may be times when you want to search for specific double bond stereochemistry. This article describes how to construct your search query.

Building your query

The structure may be drawn by using STN Express with *Discover!* or STN® on the Web™.

First, draw your query in the usual way, but be sure that you draw the double bonds in a way that shows the stereochemistry you are seeking. It is not necessary to label the double bond stereochemistry.

Second, select the highlighting button from the left-hand toolbar and highlight the double bond(s)



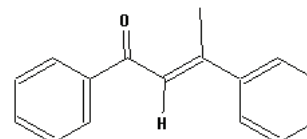
Next, from the main menu, select **QueryDef > Stereochemistry...**

Under Geometric Bonds, select **Stereo** and click **OK**.

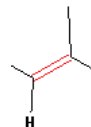
Finally, save your query and upload it to REGISTRY.

Create a structure query with stereo-chemistry specified at a double bond.

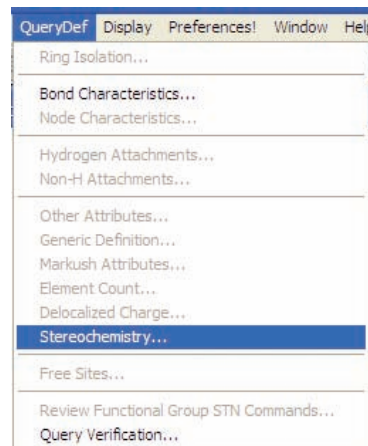
1. Draw your structure with the desired double bond stereochemistry.



2. Highlight the double bond.

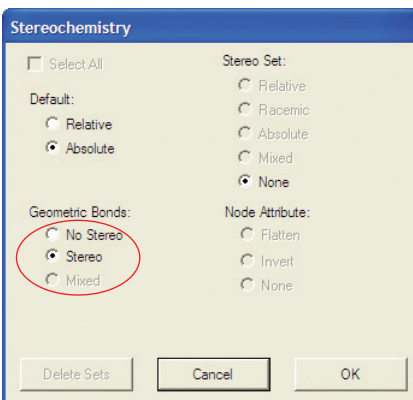


3. Select **QueryDef > Stereochemistry...**



4. Under Geometric Bonds, select **Stereo**. Click **OK**.

5. Save your query.



Search the query and display answers.

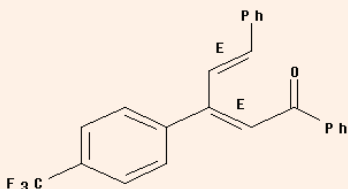
```
=> FILE REGISTRY
L1  STRUCTURE UPLOADED
      .
      .
      .
=> S L1 FUL
FULL SEARCH INITIATED 10:13:58
FULL SCREEN SEARCH COMPLETED - 9647 TO ITERATE

100.0% PROCESSED 9647 ITERATIONS
187 ANSWERS
SEARCH TIME: 00.00.01

L3  187 SEA SSS FUL L1

=> D SCAN STR
L3  187 ANSWERS  REGISTRY  COPYRIGHT 2006 ACS on STN

Double bond geometry as shown.
```



Searching and displaying

First, display your query and run a SAMPLE search to verify that the query is correct.

Then, run the full search for your query. Look at some answers with the no-fee display option, D SCAN.

Notice that this query, with stereochemistry specified, retrieves 187 answers. A similar query without stereochemistry specified retrieves 668 answers.

Using double bond descriptors

In REGISTRY, double bond stereochemistry is described by using E and Z descriptors. The assignment is based on priority rules, so answers with both E stereochemistry and Z stereochemistry are retrieved, but all will fit the stereochemistry of your query.

Additional resources

For more information, see:

Blackwood, James E., et al. *J. Am. Chem. Soc.* **1968**, *90* (2), 509-510.

Using Stereosearch on STN Quick Reference Card, available at: www.cas.org/ONLINE/QR/stereoex.pdf

HELP is at hand!

Since its beginnings, STN has provided a variety of assistance designed to make your online experience productive. This article reviews some of the user aids currently available:

- HELP command
- STNGUIDE
- Help files for STN interfaces
- Internet resources
- CAS Customer Care

HELP command

The STN online HELP command has always been available. Its shortcut is the question mark (?). There are two kinds of online help:

- Database-specific HELP
- "System" HELP

Database-specific HELP

These help messages relate only to a specific database. Although many of the titles are the same in multiple databases, the content is database-specific. To view the available database-specific messages, enter HELP DIRECTORY at an arrow prompt.

To view the available database-specific messages, enter HELP DIRECTORY at an arrow prompt.

Enter **HELP DIRECTORY** or **? DIRECTORY** at an arrow prompt (=>).

```
=> FILE CASREACT
=> ? DIRECTORY
```

The following HELP messages are available to obtain information on the CASREACT File:

```
HELP ACCESSION      - CASREACT File accession number formats
HELP CACROSSOVER    - crossover searching for the CASREACT and CA
                     files
HELP COLLECTIVES    - CA Collectives and dates
HELP CONTENT        - general description of the CASREACT File
HELP COST           - price schedule for the CASREACT File
HELP COUNTRY        - patent countries covered by CAS
HELP CROSSOVER      - file crossover searching for the CASREACT
                     File
HELP DESK           - information on CASREACT File user assistance
HELP DFIELDS        - list of display field codes
HELP DIAGRAM        - structure diagrams
HELP DSCAN          - list of display fields shown in DISPLAY SCAN
HELP EFIELDS        - list of extraction field codes in CASREACT
HELP FGA            - alphabetical list of the functional groups
                     searchable in the CASREACT File
HELP FGC            - alphabetical list of functional group
                     classes
HELP FORMAT         - predefined formats for DISPLAY and PRINT
HELP HIGHLIGHT      - highlighting information for the CASREACT
                     File
HELP (L)           - use of the (L) operator in the CASREACT File
```

```

:
:
```

For a list of more general help topics such as command usage, enter HELP MESSAGES at an arrow prompt (=>).

For example, here is the database-specific message for HELP YIELD in CASREACT.

```
=> ? YIELD
```

The (A) operator is used in the CASREACT File to search for a desired yield for a reaction product. To search for a 75-85% yield of a product with the CAS Registry Number = 103225-99-6, enter the following at an arrow prompt (=>):

```
S 103225-99-6/PRO (A) 75-85/YD
```

To search for a yield greater than 75% you would enter

```
S 103225-99-6/PRO (A) YD>75
```

Yields are not given for all products in the file. Therefore, to include answers that did not have a yield, enter the search in the following way:

```

:
:
```

To explore the various system helps, begin by entering HELP MESSAGES at an arrow prompt in any database.

“System” HELP

System help explains commands and features that are not database specific, but general for many or all STN databases.

To explore the various system helps, begin by entering HELP MESSAGES at an arrow prompt in any database. An example of a system help message about SET CLUSTER command is at the bottom of the page.

Enter HELP MESSAGES or ? MESSAGES at an arrow prompt for system help.

```
=> ? MESSAGES
```

Many HELP messages are available to explain files and features of the system. Each command has a separate explanation that can be viewed by entering HELP (or ?) followed by the command name at an arrow prompt (=>).

Enter HELP COMMANDS for a list of commands.

Example: => HELP PRINT

Some commands have detailed help for specific functions for that command. At an arrow prompt, enter HELP followed by the command name and the specific option:

```
HELP DISPLAY (ACC, BROWSE, COST, EXPAND, FORMAT, HISTORY, L#,  
              PRINT, QUERY, SAVED, SCAN, SELECT, SET, TOLERANCE,  
              TSORT, UNIT)
```

```
HELP PRINT (ACC, L#, TSORT)
```

```
HELP READ (FOLDER, MAIL, NAMELIST, PUBLIC)
```

```
HELP SEARCH (PROJECTIONS, RANGE, STEPS, SUBSET)
```

```
HELP SET (ABBREVIATION, ACCOUNT, AUHELP, AUTOSEARCH, BANNER,  
          CLUSTER, COST, DCLUSTER, DETAIL, DFORMAT, DUPORDER,  
          EXPAND, FAX, FAXC, FAXN, FIELD, FORMAT, GRAPHICS,  
          HEADING, HIGHLIGHTING, INTERPRET, KWIC, LCOST,  
          LINELENGTH, LOGIN, MAILID, NAMELIST, NOTICE, PADDING,  
          PAGELength, PASSWORD, PATENT, PERMANENT, PLURALS,  
          POSTINGS, PRINT, PROXIMITY, RANGE, RELATION, ROLES,  
          ROUND, SELORDER, SFIELDS, SMARTSELECT, STATUS, STEPS,  
          SUBSET, TERM, TLANGUAGE, TOLERANCE, UNIT)
```

```
:  
:  
:
```

For example, to learn about the system-wide SET CLUSTER command, enter ? SET CLUSTER.

```
=> ? SET CLUSTER
```

Use SET CLUSTER to create personal clusters of files that are available for searching in a multiframe session. Enter SET CLUSTER at an arrow prompt (=>) followed by the name of the cluster you want to create. Cluster names must:

1. Begin with a period (.)
2. Have 2-16 characters, and
3. Contain only letters A-Z, numbers (0-9), and periods (..).

You will be prompted to define the cluster. Enter one or more valid file names, user-defined clusters, system-defined clusters, or combinations of these. Separate the names with a space or a comma. For a list of valid file names, enter HELP FILE NAMES at an arrow prompt. For a list of clusters, enter DISPLAY CLUSTER at an arrow prompt. The defined cluster is then saved permanently on your login ID.

```
:  
:  
:
```

STNGUIDE

STNGUIDE contains one record for each database on STN. Each record contains the complete Database Summary Sheet, pricing information, and additional information describing the subject coverage of the database.

There are no stop words in STNGUIDE.

Use STNGUIDE to find databases that contain information on a particular general topic.

```
=> FILE STNGUIDE
=> S REACTION
      24 REACTION
      23 REACTIONS
L1    30 REACTION
      (REACTION OR REACTIONS)
```

L1 indicates 30 answers (each a database) with reaction information. The L-number may be displayed in a number of different display formats and fields. To see the options, enter HELP FORMAT and HELP DFIELDs at an arrow prompt in STNGUIDE.

Search for a specific database in the Database Name field (/DBN).

```
=> S CASREACT/DBN
L1      1 CASREACT/DBN
```

L2 indicates that there are 30 databases on STN with reaction information. The L-number may be displayed in a number of different display formats and fields. To see the options, enter HELP FORMAT and HELP DFIELDs at an arrow prompt in STNGUIDE.

The Basic Index (/BI) contains single words from the following fields:

Field	Description
CC	Classification Code
DBN	Database Name Field
DFIELD	Display Fields
DESC	Database Description
LA	Language
PROD	Database Producer
PROP	Property Fields
SFIELD	Search Fields
SI	Source of Information
SUBJ	Subject Coverage
SUPP	Database Supplier
TFIELD	Thesaurus Fields
UA	User Aids

Help files for STN interfaces

Help files are available to help you use each of the STN interfaces:

STN interface	Access by selecting...
STN Express with <i>Discover!</i>	Index from the Help menu
STN AnaVist	Help on the main menu
STN on the Web	About on the left-hand navigation frame
STN Easy and STN Easy for Intranets	Help on the left-hand navigation frame

STN web sites provide a continuously updated selection of user aids, interactive training, e-Seminars, Database Summary Sheets, and other documentation and instructional materials.

Internet resources

STN web sites provide a continuously updated selection of user aids, interactive training, e-Seminars, Database Summary Sheets, and other documentation and instructional materials. Visit these sites to browse the materials that are available:

www.cas.org/ONLINE/STN/doc.html
www.stn-international.de/training_center/training.html

Additional information about each of the STN interfaces, including examples, is available on the product web pages:

Interface	Web site
STN	www.cas.org/stn.html
STN Express with <i>Discover!</i>	www.cas.org/ONLINE/STN/discover.html
STN AnaVist	www.cas.org/stnavist/
STN on the Web	stnweb.cas.org
STN Easy	stneasy.cas.org/easy5/
STN Easy for Intranets	stneasy.cas.org/html/english/STNEasyIntranets/Intranets.html

CAS Customer Care

In addition to the online and web resources mentioned above, STN provides Help Desks at the STN Service Centers and other agencies throughout the world.

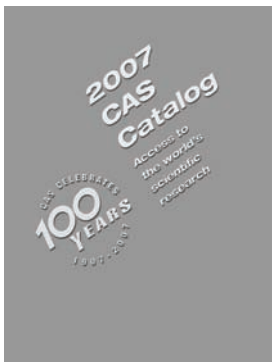
In North America, CAS Customer Care is available 8 a.m. - 8 p.m. EST, Monday through Friday.

Phone: 800-753-4227 (North America)
614-447-3700 (worldwide)
Fax: 614-447-3751
E-mail: help@cas.org

Pre-order your 2007 CAS Catalog

The 2007 CAS Catalog provides an overview of:

- All CAS products and services
- CAS database content
- STN databases
- STN database clusters
- STN database producers
- CAS Customer Care contact information
- And more



Are you interested in receiving a free copy?

To receive a catalog in early 2007, contact CAS Customer Care at help@cas.org. Be sure to include your name and complete address with your request. Also, indicate whether you would like to receive the catalog in print or on CD-ROM.

STNews binders available



Need a binder for your 2006 issues of *STNews*? Want a binder for your 2007 issues? CAS has *STNews* binders available.

To request your free binder, contact CAS Customer Care at help@cas.org. Be sure to include your name and complete address with your request.

LOGOFF HOLD duration extended to 120 minutes

The time limit set for the LOGOFF HOLD command in STN has been extended from 60 to 120 minutes. If you log in again, the session will continue from the point of LOGOFF HOLD.

Additional information on the LOGOFF HOLD command is available at:

www.cas.org/training/stncommands/logoff.html

E-mail formats enhanced for PRINTS sent via e-mail and for SDI results

The PRINT command in STN can be used to send prints (copies) of answers electronically to a specified STNmail ID or e-mail address.

The format for e-mail generated with the PRINT command now includes the following additional information:

- Number of answers
- Database name

The SDI (selective dissemination of information) command in STN is used to set up automatic current-awareness alerts. The format for hyperlinked e-mail generated with the SDI command now includes the following additional information:

- Number of answers
- Database name
- SDI name
- SDI run number
- SDI run date

Additional information on the PRINT and SDI commands is available at:

www.cas.org/training/stncommands/print.html

www.cas.org/training/stncommands/sdi.html

STN Express with *Discover!* free maintenance release Version 8.01c now available

A free maintenance release (Version 8.01c for Windows®) is now available for STN Express with *Discover!* This release is available to current users of STN Express with *Discover!*, Version 8.0 or higher for Windows.

The maintenance release includes enhancements and fixes to specific issues that have been reported, including:

- The Report and Table post-processing tools have been updated to accommodate new fields available in the recently reloaded Derwent World Patents Index (DWPI) database suite. To apply post-processing tools to these new records, it is critical that you upgrade to Version 8.01c.
- To reduce login time, the STN splash screen has been removed from the login process.
- The CA Lexicon and Company Name Thesaurus have been reloaded.
- Acyclic bond characteristics set to Ring no longer revert to Chain.

Software availability

To upgrade to this maintenance release from an existing version of the Analysis Edition (Version 8.0 and higher):

1. Launch STN Express.
2. Select Web from the toolbar.
3. Select the appropriate STN Service Center.
4. Select Free Maintenance Upgrades.

Or, for instructions on how to download this maintenance release, visit:

www.cas.org/Support/express80/win/patches/patches.html

You need to currently have the Analysis Edition of STN Express with *Discover!*, Version 8.0 or higher, to download this free maintenance release. To verify the version you are using:

1. Launch STN Express.
2. Select **Help > About STN Express** from the main menu.

For STN-Columbus customers with an STN login ID and password, STN Express with *Discover!*, Version 8.01c, will also be available directly from the Web via the Purchase and Download site (casweb.cas.org/stnexpress/html/english/login.html).

You can also obtain the software on CD-ROM:

- Use the printed or PDF version of the STN Express with *Discover!* Order Form.
- Request a CD-ROM online.

CAS Registry Number crossover limit increased to 300,000 in multiple databases

The crossover limit for CAS Registry Numbers has increased in 30 databases on STN.

Increased from 0 to 300,000:

- LCASREACTSM

Increased from 10,000 to 300,000:

- ADISINSIGHT
- ADISNEWS
- AGRICOLA
- ACQUIRE
- BIOSIS
- CABA
- EMBASE
- LEMBASE
- IMSCOSEARCH
- IMSPATENTS
- IMSRESEARCH
- IPA
- JICST-EPLUS
- MEDLINE
- LMEDLINE
- PROMT
- PROUSDDR
- SYNTHLINE
- TULSA
- TULSA2
- USPATFULL
- USPAT2

Increased from 20,000 to 300,000:

- GENBANK[®]

Increased from 30,000 to 300,000:

- CASREACT[®]
- CHEMCATS
- CHEMLIST
- HCHEMLIST
- MSDS-OHS

Increased from 50,000 to 300,000:

- TOXCENTER

There is a charge for the crossover of each CAS Registry Number into non-CAS databases. Enter HELP COST in the CAS REGISTRY database for details.

2006 STN instructor-led seminars

www.cas.org/training/schedule.html

Albany, NY

12/5	9:00 a.m.-12:00 p.m.	CAplus Subject Search Techniques
12/5	1:00 p.m.-4:00 p.m.	Basic Substance Search Techniques
12/6	9:00 a.m.-12:00 p.m.	Basic Patent Search Techniques
12/6	1:00 p.m.-4:00 p.m.	Patent Family and Legal Status Search Techniques
12/7	9:00 a.m.-12:00 p.m.	STN User Update
12/7	1:00 p.m.-4:00 p.m.	STN Express with <i>Discover!</i> , Version 8.01, and STN AnaVist – Advanced Tips and Tricks

San Francisco, CA

1/16	9:00 a.m.-12:00 p.m.	STN User Update
1/16	1:00 p.m.-4:00 p.m.	STN Express with <i>Discover!</i> , Version 8.01, and STN AnaVist – Advanced Tips and Tricks
1/17	9:00 a.m.-12:00 p.m.	CAplus Subject Search Techniques
1/17	1:00 p.m.-4:00 p.m.	Basic Substance Search Techniques
1/18	9:00 a.m.-4:00 p.m.	Markush Searching in the Patent Literature

San Diego, CA

1/30	9:00 a.m.-12:00 p.m.	STN User Update
1/30	1:00 p.m.-4:00 p.m.	STN Express with <i>Discover!</i> , Version 8.01, and STN AnaVist – Advanced Tips and Tricks
1/31	9:00 a.m.-12:00 p.m.	CAplus Subject Search Techniques
1/31	1:00 p.m.-4:00 p.m.	Basic Substance Search Techniques

All STN instructor-led seminars in North America are free, but registration is required.

For descriptions or to register, visit:
www.cas.org/training/regform.html

2006 FIZ Karlsruhe e-Seminars

12/7	9:00-10:00 a.m.	Retrieving EP Register Data on STN
12/12	9:00-10:00 a.m.	Beilstein on STN – Basics

All times are U.S. Eastern Standard Time.

For descriptions, visit:

www.stn-international.de/training_center/e_sem/e_desc.html#bos

2006 FIZ instructor-led seminars

www.stn-international.com/training_center/workshops/derwent_ws.html

Derwent World Patents Index (DWPI) on STN workshops

You are invited to attend free DWPI on STN workshops in the U.S., presented by FIZ Karlsruhe.

Boston, MA

12/12	9:00 a.m.-12:00 p.m.	Introduction to Derwent World Patents Index on STN
12/12	1:00 p.m.-4:30 p.m.	Derwent World Patents Index on STN: Reloaded & Beyond
12/13	9:00 a.m.-12:00 p.m.	GENESEQ on STN (DGENE)
12/13	1:00 p.m.-4:30 p.m.	DWPI for Competitive Intelligence on STN

Washington, DC

12/20	9:00 a.m.-12:00 p.m.	Introduction to Derwent World Patents Index on STN
12/20	1:00 p.m.-4:30 p.m.	Derwent World Patents Index on STN: Reloaded & Beyond
12/21	9:00 a.m.-12:00 p.m.	GENESEQ on STN (DGENE)
12/21	1:00 p.m.-4:30 p.m.	DWPI for Competitive Intelligence on STN

All FIZ instructor-led seminars are free, but registration is required.

Previously recorded CAS e-Seminars and tutorials available

<https://casevents.webex.com>

Previously recorded CAS e-Seminars and tutorials are:

STN AnaVist

- Creating Result Sets for Use in STN AnaVist
- Going Beyond Basic Navigation on STN AnaVist
- STN: Introduction to STN AnaVist
- Using the Custom Grouping Capabilities in STN AnaVist
- Using the STN AnaVist Interactive Visualization Workspace

STN Express with *Discover!*

- STN: Post-Processing Search Results with the Analysis Edition of STN Express with *Discover!*
- STN: Using *Discover!* Wizards in STN Express
- STN: Visualization Tools in STN Express with *Discover!*, Analysis Edition (Version 7.01)
- STN: What's New with STN Express®?

Structure Techniques

- STN: Advanced MARPAT Techniques
- STN: All About MARPAT
- STN: Finding Post-Treated and Blended Polymers
- STN: Introduction to Polymers
- STN: Reaction Searching
- STN: Advanced Structure Search Techniques, Ring Information
- STN: Advanced Structure Searching with Filters/Screens
- STN: Organometallics and Coordination Compounds
- STN: Stereochemistry in the CAS REGISTRY File
- STN: Structure and Substructure Searching Tips
- STN: Using Boolean Operators in Structure Searching

Patent Searching

- STN: Biotech Patent Validity Tips
- STN: Biotextology Text Search Techniques for Biological Information
- STN: Capitalizing on IPC Reform
- STN: Expanding Your Prior Art Search with Controlled Terminology
- STN: Highlights from the NE Regional PIUG Patent Forum
- STN: Improving Searches by Including Patent Classification Codes
- STN: Increasing Confidence in Search Results
- STN: Is That Patent Still Valid? Finding Patent Expirations and Extensions
- STN: Multifile Patent Searching
- STN: Patent Citation Searching
- STN: Searching for Patent Families

Miscellaneous

- STN: Automating Your Search
- STN: Finding Antibodies & Immunoglobulins
- STN: Finding Clinical Trial and Drug Pipeline Information
- STN: Finding Regulatory Compliance Information in CHEMLIST®
- STN: Finding Regulatory Information
- STN: Have It Your Way – Customizing Your STN Account
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In case you missed it:

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- STN's mission to serve with unparalleled content, powerful tools, and expert service
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