



Chemical Abstracts Service
provides access to
STN in North America

May/June 2005

STNNews

CODEN: STNWEQ ISSN: 1040-1229 Vol. 21 No. 3

North American Edition

STN[®]

Highlights

- 2** STN Express[®] with *Discover!*[™], Analysis Edition, Version 8.0, **NEW!** offers enhanced results analysis, improved post-processing capabilities, and more

- 7** New STN[®] AnaVist[™] analysis and visualization software **NEW!** provides unique insights into trends and patterns in scientific and patent information

- 10** New database on STN: RUSSIAPAT

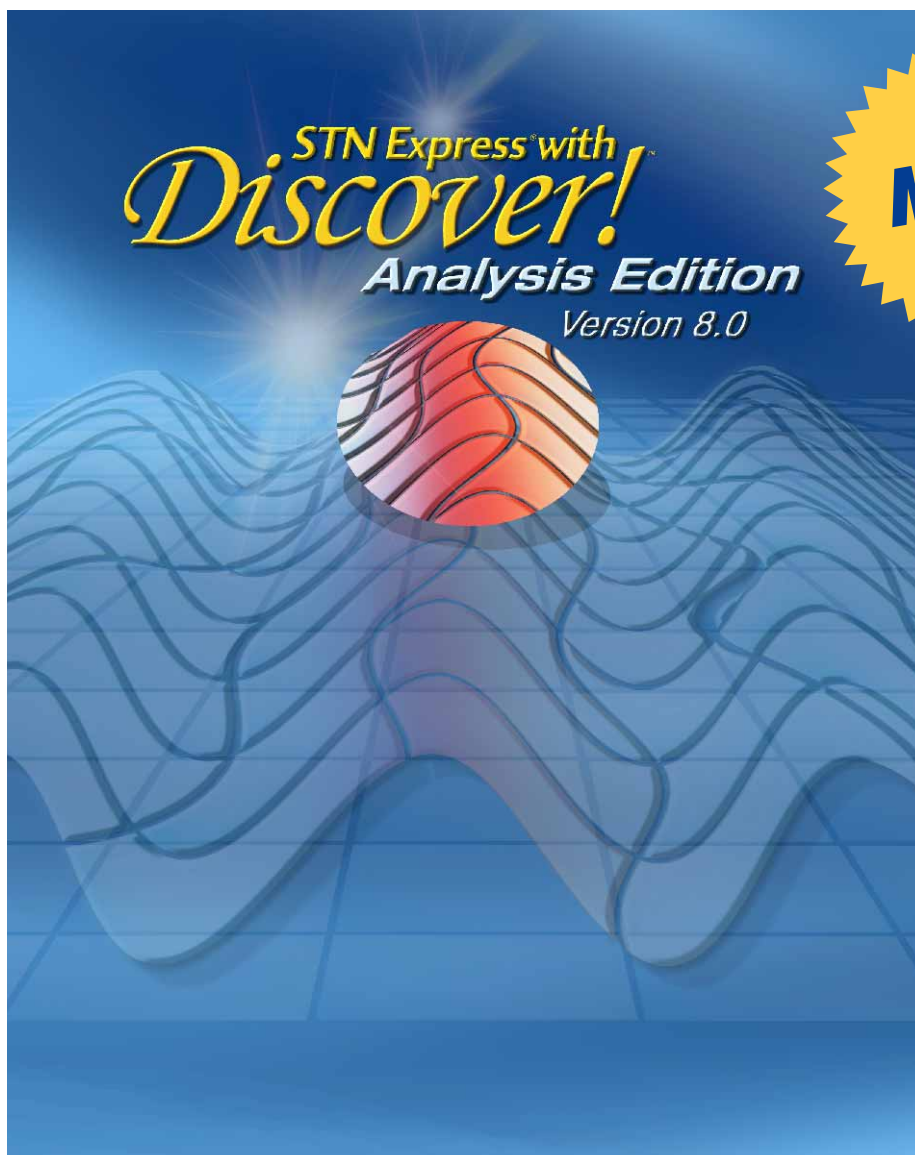
- 11** Monitoring legal status in INPADOC

- 14** Broaden your search using current U.S. patent classifications

- 16** Tips for chemistry searching in INSPEC

Feature

**Version 8.0 offers enhanced results analysis,
improved post-processing capabilities, and more**



NEW!

Version 8.0 of the Analysis Edition of STN Express with *Discover!* is now available.

Designed to let information professionals search, analyze, visualize, and *discover* the world of sci-tech information, this new version builds upon the features in previous versions (7.0 and 7.01) of the Analysis Edition. The enhancements provide you with:

- Enhanced results analysis
- Increased security
- Easier access to content
- Improved post-processing

Available for download today at www.cas.org/ONLINE/STN/orderexpress.html

CAS Registry Number®	Molecular Formula	R1	R2	R3	R4	R5	Other Components
850859-42-6 REGISTRY	C14 H14 O3 . C13 H10 N2 O4 . Na	H	H	H	H	H	
767283-08-9 REGISTRY	C13 H11 Cl N4 O4	H		Cl	H	H	
625852-90-6 REGISTRY	C18 H16 F N3 O8	F		H		H	
497146-94-8 REGISTRY	C13 H14 N6 O4 . Cl H	H			H	H	Cl

Substance table,
including other
components, created
using the Variable Group
Analysis Table Tool.

Enhanced results analysis

With Version 8.0, you can now further analyze and customize the data that is retrieved in your searches.

Enhance your results analysis with the:

- Variable Group Analysis Table Tool
- CAS Registry Number® and Role Report Wizard
- Analyze Wizard
- Analyze Plus Wizard

Variable Group Analysis Table Tool **ENHANCED!**

The enhanced Variable Group Analysis Table Tool (VGAT) allows you to create a substance analysis table based on a common substructure for an answer set of structurally related substances. VGAT now includes multi-component substances, such as pharmaceutical salts, with variable R-group locations identified.

You can now also refine and edit a structure answer set prior to analysis by indicating specific answers to be excluded from the analysis and by specifying which R-Groups should appear in the table.

In addition, you can practice using the Variable Group Analysis Table Tool in LREGISTRY, a low-cost learning database for REGISTRY.

CAS Registry Number and Role Report Wizard

NEW!

With the CAS Registry Number and Role Report Wizard, you can now obtain an overview of the relationship between the compounds in an answer set and the types of studies reported for those compounds.

Specifically, you can create an interactive spreadsheet in Microsoft® Excel from all or only hit CAS Registry Numbers and their corresponding CAS Roles. The spreadsheet indicates the number of references per compound linked to specific roles in an answer set.

The wizard can be used with answer sets from either REGISTRY or CAPlusSM by clicking on a hyperlinked L-number or the **CAS RN & Role Report** button in the Select Discover! Wizard Window.

Once the spreadsheet is created, you can double-click on a numbered cell to display the associated CAPlus records.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
	References	BIOL (Biological study)	USES (Uses)	THU (Therapeutic use)	BSU (Biological study, unclassified)	PAC (Pharmacological activity)	PREP (Preparation)	SPN (Synthetic preparation)	RCT (Reactant)	RACT (Reactant or reagent)	ADY (Adverse effect, including toxicity)	PRP (Properties)	EAC (Biological activity or effector, except adverse)	PROC (Process)	BPP (Biological process)	DMA (Drug mechanism of action)	ANST (Analytical study)	PEP (Physical engineering or chemical process)	PKT (Pharmacokinetics)	PYP (Physical process)	ANT (Analyte)	DGN (Diagnostic use)	FFD (Food or feed use)	BIU (Biological use, unclassified)	
8696	162011-86-1	6	5	5	5	4	1	6	6					4											
8697	162011-87-2	5	4	4	4	4		5	5					4											
8698	162011-88-3	5	4	4	4	4		5	5					4											
8699	162011-89-4	7	4	4	4	4		6	6	2	2			4											
8700	162011-90-7D	31	30	26	26	8	18	4	4				4	7	1				1		1				
8701	162011-90-7	1063	1008	944	932	151	526	26	24	14	14	241	39	113	30	7	61	38	23	22	17	38	2	7	7
8702	162011-91-8	5	4	4	4	4		5	5					4											
8703	162011-92-9	5	4	4	4	4		5	5					4											
8704	162011-93-0	5	4	4	4	4		5	5					4											

Interactive Microsoft Excel spreadsheet created using the CAS Registry Number and Role Report Wizard.

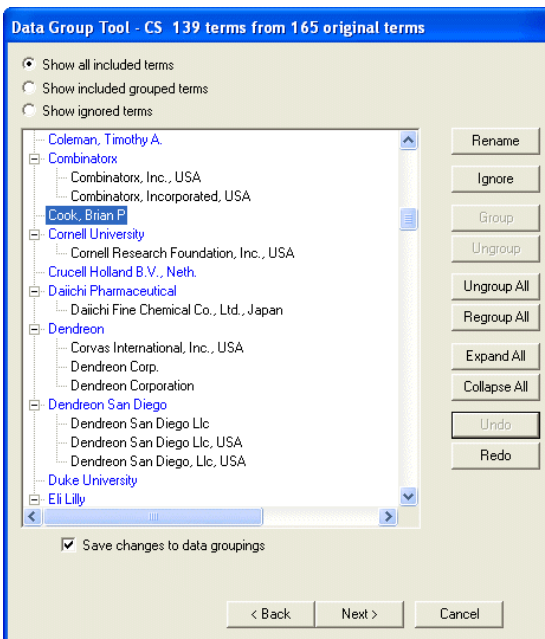
Analyze Wizard

The Analyze Wizard, which lets you analyze and tabulate data from single- or multi-file search results, and create a data table and 3-D chart, is available again.

Analyze Plus Wizard **ENHANCED!**

The Data Group Tool of the Analyze Plus Wizard has been enhanced with more editing capabilities:

- **Ignore** allows removal of selected terms from the final Microsoft Excel spreadsheet.
- The **Data Group Tool** allows offline editing and modification of selected terms that are saved in the custom grouping list.



Sample of the editing capabilities within the Data Group Tool of the Analyze Plus Wizard.

Increased security

NEW!

You can now encrypt the information you send over the Internet during a secure telnet session.

Version 8.0 contains embedded software that uses the Advanced Encryption Standard (AES) algorithm, provided by RSA Security Inc., with 128-bit encryption keys. When you are working in a secure session, the Secure icon displays at the bottom of the STN Express with *Discover!* window.



Note: Port 23 (telnet) on your firewall must be open for STN Express.

Easier access to content

Version 8.0 provides easier access to STN content through *Discover!* wizard, personal dictionary, and experimental property enhancements.

In Version 8.0, you can:

- Upload lengthy genetic sequences automatically for searching in DGENE and PCTGEN via the STN Upload Query Wizard.
- Edit the terms in your personal dictionary, an alphabetical listing of all search terms you use.
- Link to the CPlus references from experimental property tags in REGISTRY records that contain property data.

Accession Number	Title	Patent Assignee	Patent Number	Kind Code	Patent Publication Date	Graphics
2003-322023 [31] WPINDEX Fulltext	Chemical solution spraying head for medical application, uses non-porous diaphragm with treatment surface comprising hydrophilic area and water repellent area, for atomizing chemical solution to be sprayed.	(OLYU) OLYMPUS OPTICAL CO LTD	JP 2003070914	A	20030331	
2003-278465 [27] WPINDEX Fulltext	New fluoroalkyl-modified organosilanes useful for imparting soil, water and oil repellency to surfaces and as antiblocking agents.	(CLRN) CLARIANT GMBH, (CELA) CELANESE EMULSIONS GMBH, (CABRI) CABREIRA I, (GROT-I) GROTTENMULLER R, (MEIN-I) MEINERS C, (ZING-I) ZINGERLE H	WO 2003014131 200301227 DE 10141075 DE 10141075 A1 20040506 A 20040713 EP 1414831 A 20041124 ZA 2004000439 WV 20041216 JP 2004537601 A1 20040501 MX 2004000363 A1 20050217	A1 A1 C2 A1 A A W A1 A1	20030220 20030227 20031030 20040506 20040713 20041124 20041216 20040501 20050217	
2003-270506 [27] WPINDEX Fulltext	Resin compositions useful for glasses for cars, window glass, mirrors, metal radiator fins, vehicles, road signs, plastic moldings, etc., comprises mainly of a copolymer of alkyl (meth)acrylate and siloxane oligomer.	(FUUG) FUJIKURA KASEI KK	JP 2002121467	A	20020423	
2003-263220 [26] WPINDEX Fulltext	Floor panel for bathrooms, has main body formed with antiskid projections and water flow paths such that water repellent contaminant is formed on top surface of each projection.	(TTOC) TOTO LTD	JP 2003074174	A	20030312	

New display of combined patent data as generated by the Table Tool.

Improved post-processing

ENHANCED!

Tables and reports that contain patent data are now easier to read and use in Version 8.0.

A new checkbox labeled **Merge family members into a single row** has been added to the Table Tool. When you select this checkbox, the specified number of Patent/Priority/Application Numbers

display in the same cell for records with more than one Patent, Priority, or Application entry. Likewise, the corresponding Kind Codes, Publication Dates, and other options appear listed in the same cell.

Save for STN AnaVist Wizard

NEW!

The new Save for STN AnaVist Wizard in STN Express with *Discover!* allows you to search on STN and save the data in a format that can be used in STN AnaVist.

You can save an answer set that includes records from the CASM/CAplus family of databases, CASREACT[®] (CAplus data only), MARPAT[®] (CAplus data only), PCTFULL, and USPATFULL/USPAT2.

STN AnaVist, our new interactive analysis and visualization software, will be available this summer.

Watch for details on how to use this wizard in a future issue of *STNews*.

For more information on STN AnaVist, refer to the Take Note article, *New STN AnaVist Provides Unique Insights into Trends and Patterns in Scientific and Patent Information*, in this issue of *STNews*.

Pricing for Version 8.0

Version 8.0 of the Analysis Edition is available for a small upgrade charge to current Analysis Edition (Version 7.0 and higher) customers.

New Analysis Edition customers need to purchase a new Single-User or Shared-Use License for STN Express with *Discover!*

In addition to the cost of the software, fees are associated with the use of the Analyze Wizard, Analyze Plus Wizard, CAS Registry

BLAST[®], CAS Registry Number and Role Report Wizard, Variable Group Analysis Table Tool, and Save Answers for SciFinder[®] Wizard.

There is no charge in STN Express to use the Save for STN AnaVist Wizard. Creating an answer set within STN Express is subject to normal STN charges, e.g., connect hour, search term, display.

Purchasing Version 8.0

To purchase the Analysis Edition of STN Express with *Discover!* (Version 8.0 for Windows), visit: www.cas.org/ONLINE/STN/orderexpress.html

Version 8.0 is available:

- Via web download from CAS (STN-Columbus customers only)

- On CD-ROM

Download the Order Form and fax or mail the completed form back to CAS (contact information is specified on the form)

Request a CD-ROM online

The CD-ROM includes both STN Express with *Discover!*, Analysis Edition, Version 8.0 for Windows, and STN Express with *Discover!*, Version 6.0 for Macintosh. Note: An STN login ID is needed to use STN Express with *Discover!* If you do not have one, please complete and return the STN Agreement and Order Form, available at: www.cas.org/ONLINE/STN/stnform.pdf

Additional resources

For general information about Version 8.0 of the Analysis Edition of STN Express with *Discover!*, visit: www.cas.org/ONLINE/STN/discover.html

For hardware and software requirements, visit: www.cas.org/ONLINE/STN/expressreqs.html

For documentation and other resources, visit: www.cas.org/ONLINE/STN/expresresources.html

For in-depth search examples, view the upcoming CAS e-Seminar, *STN: What's New with STN Express?*, which will be held on Tuesday, August 30, 2005, and re-broadcast on Thursday, September 8, 2005. Both will offer a live question and answer session. To learn more about the e-Seminar, visit: www.cas.org/training/schedule.html

New STN AnaVist provides unique insights into trends and patterns in scientific and patent information¹



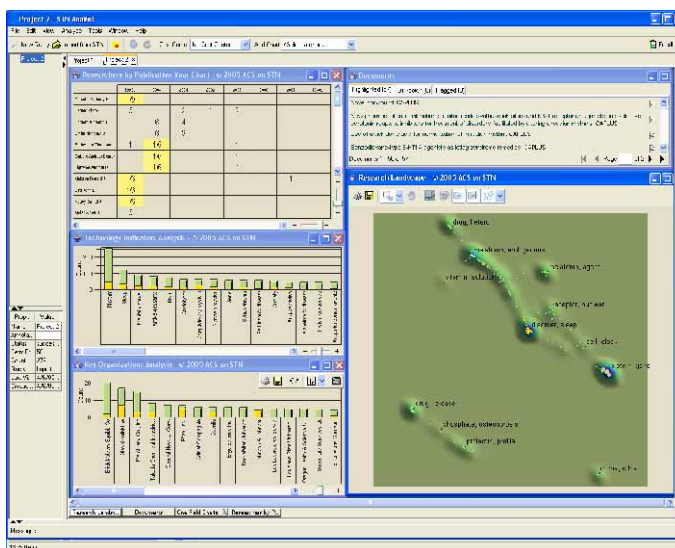
CAS and FIZ Karlsruhe announce new, powerful A&V software to analyze and visualize online search results for better decision making

ARLINGTON, VA, May 22, 2005 - Chemical Abstracts Service and FIZ Karlsruhe have announced the release of new software, STN AnaVist, that will give information professionals a variety of ways to analyze and view information found in scientific literature and patents, giving them greater value from search results and better support for critical business decisions.

The co-operators of the STN network made the announcement during the Patent Information Users Group annual conference in Arlington, Virginia. STN InternationalSM is the premier online service for science and technology, offering a collection of more than 220 high-quality online databases. STN is currently used by thousands of organizations worldwide.

Capabilities available in STN AnaVist, to be released this summer, were developed in response to the expressed needs of information professionals for advanced tools to help them analyze search results from scientific literature and patent databases and visualize patterns and trends in the research landscape. Now, searchers will be able to assimilate and present information more effectively to support competitive intelligence, research & development strategy, and management decision-making.

"STN AnaVist creates an interactive workspace to interpret patent and research data in new and innovative ways. It allows users to identify relationships between the data. The features enhance views on developments in research and technology thus providing the most valuable information for business critical decisions," says Sabine Brunger-Weilandt, managing director and chief executive officer of FIZ Karlsruhe. "Through pictures and landscapes, based



STN AnaVist features an interactive workspace that displays a range of data visualizations.

on the traditional research results, our users will gain exciting new perspectives and insights—a new vista of scientific knowledge."

"The information challenge of the 21st Century is not information access, but information utilization. STN AnaVist is an important first step from the STN partnership to bring new technologies to bear on this challenge," said CAS president Robert J. Massie. "Using results from CAS databases and others on STN, information users will now be able to view the competitive landscape, visualize where research is heading, and receive a much greater return on their investment in information."

Key features of STN AnaVist include:

- Analysis of information from three leading scientific resources: CAS' CAPLUS database of scientific literature and patent information and the USPTFULL and PCTFULL patent databases containing the full text of U.S. and Patent Cooperation Treaty (PCT) patents
- An interactive workspace displaying a range of data visualizations, dynamically integrated, including bar charts, matrix charts, and Research Landscapes (cluster/contour maps)

- Harmonization and standardization of data prior to visualization using algorithms based on intellectual data analysis

- A data grouping feature that helps to minimize scattering of results by permitting editing and customizing of data elements across the databases

- Flexible tools for deeper analysis of data subsets

- Two options for creating results for analysis:

- Integrated concept search capability within STN AnaVist
- Import of search results into STN AnaVist from the popular STN Express software

All of these powerful options for data analysis are available in a modern, easy-to-use interface.

¹ Excerpt from the CAS and FIZ Karlsruhe press release that was issued on May 22, 2005, at the 2005 PIUG Annual Conference.

BEILSTEIN

—updated with more than 85,000 new compounds

More than 85,000 new compounds and supplementary data for about 50,000 compounds have been added to BEILSTEIN.

Currently BEILSTEIN contains over 9 million organic compounds. Reaction data for about 8 million BEILSTEIN substances are also available.

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

BIOSIS®

—display of dates in the Patent Information field changed

Dates displayed in the Patent Information (PI) field have been changed to the following format: YYYYMMDD.

The revised BIOSIS Database Summary Sheet is available at: www.cas.org/ONLINE/DBSS/biosisss.html

COMPENDEX

—added to the POLYMERS database cluster

COMPENDEX has been added to the POLYMERS database cluster.

A complete listing of database clusters is available at: www.cas.org/ONLINE/CATALOG/CLUSTERS/cover.html

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

FRFULL

*FR*ench Patents FULLtext

—enhanced with patent drawing images

FRench Patents FULLtext (FRFULL), which covers the full text of all patent applications published in France, has been enhanced.

When available, clipped images—mostly front-page images—are now offered. The enhanced database contains over 426,000 records and over 175,000 images from 1980 to the present.

The revised FRFULL Database Summary Sheet is available at: www.cas.org/ONLINE/DBSS/frfullss.html

GBFULL

United Kingdom (GB) Patents FULL Text

—enhanced with patent drawing images

GBFULL, the database that covers the full text of all patent applications published in the United Kingdom, has been enhanced.

When available, clipped images—mostly front-page images—are now offered. The enhanced database contains over 398,000 records and over 230,000 images from 1979 to the present.

The revised GBFULL Database Summary Sheet is available at: www.cas.org/ONLINE/DBSS/gbfullss.html

MEDICONF

—database removed from database clusters and STN

Effective June 30, 2005, MEDICONF will no longer be available on STN.

MEDICONF was removed from the BIOSCIENCE, CORPSOURCE, FOOD, HEALTH, MEDICINE, MEETINGS, and PHARMACOLOGY database clusters.

MSDS-CCOHS

Material Safety Data Sheets from the Canadian Center for Occupation Health and Safety

—display labels replaced

The display labels MANUFACTURER and SUPPLIER, used for manufacturer and supplier company information, respectively, in the Company Name (/CO) field are no longer supplied as separate items. They have been replaced with the display label COMPANY INFO.

The MSDS-CCOHS Database Summary Sheet is available at: www.cas.org/ONLINE/DBSS/msdsccohss.html

Database News

NTIS

National Technical Information Service –added to the POLYMERS database cluster

NTIS has been added to the POLYMERS database cluster.

A complete listing of database clusters is available at:
www.cas.org/ONLINE/CATALOG/CLUSTERS/cover.html

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

PHIN

Pharmaceutical & Healthcare Industry News Archive –enhanced with healthcare lobbying information

PHIN will soon contain information about the healthcare lobbying arena from *The Healthcare Lobbyist*, a new monthly newsletter from PJB Publications.

PHIN, a full-text archival database, also contains news articles from the pharmaceutical, biotechnology, environmental, medical device and diagnostic, crop protection, animal health and nutrition, and regulatory affairs industries.

The Healthcare Lobbyist provides impartial coverage of the political activities of healthcare organizations around the world.

For more information, visit:
www.healthcarelobbyist.com

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

REGISTRY/ZREGISTRY

–new element added; CHEMCATS® supplier data displayed; polymer Structural Repeating Unit (SRU) names enhanced

A new element has been added to REGISTRY/ZREGISTRY to support element count searching for the newly approved element symbol, Rg. International Union of Pure and Applied Chemistry (IUPAC) officially approved the name Roentgenium and the symbol Rg for element 111, and the ACS Committee on Nomenclature, Terminology and Symbols endorsed IUPAC's approval. The new symbol, Rg, is valid in the Alternate Molecular Formula (/AF) display field.

Specific CHEMCATS source information is available in the Source of Registration (/SR) search and display field in REGISTRY/ZREGISTRY on STN, when available.

CHEMCATS is a chemical catalog database that contains information about commercially available chemicals and their worldwide suppliers. If a substance in any of CHEMCATS "Chemical Catalogs" or "Chemical Libraries" has not been entered in REGISTRY and it meets CAS' substance registration criteria, then CAS registers it and lists either "Chemical Catalog" or "Chemical Library" in the SR display field.

Sometimes chemical suppliers delete their entire catalog or remove substances from their catalog. Therefore, it is possible for a customer to find a substance in REGISTRY that has a source of "Chemical Catalog" or "Chemical Library," yet when the customer searches for it in CHEMCATS, the substance is not found.

Now, when CAS registers a substance and lists the source of the registration as either "Chemical Catalog" or "Chemical Library," the SR field in REGISTRY/ZREGISTRY is enhanced with additional information about the supplier. Where possible, the backfile has also been enhanced with the supplier information.

Approximately 5,200 9th Collective Index Names have been added to polymer SRUs that were registered during the 8th Collective Index time period, when SRUs were first registered in this form. All SRUs in REGISTRY/ZREGISTRY now have up-to-date nomenclature, including stereo information, if present in the registration.

The revised REGISTRY/ZREGISTRY Database Summary Sheets are available at:
www.cas.org/ONLINE/DBSS/registryss.html
www.cas.org/ONLINE/DBSS/zregistryss.html

RUSSIAPAT

Russian Patent Abstracts **–new patent database available**

A new patent database, Russian Patent Abstracts (RUSSIAPAT), is now available on STN. RUSSIAPAT is produced by the Russian Agency for Patents and Trademarks (ROSPATENT), Federal Institute of Industrial Property (FIPS). It provides access to Russian patent information in English and covers Russian patented inventions from 1994 to the present.

RUSSIAPAT records contain:

- Abstracts in English
- International Patent Classification (IPC) codes
- Inventor
- Patent application information
- Patent assignee
- Titles in English

All drawings available from the full document are included, i.e., the drawing from the first page, drawings from the drawing attachment, and embedded drawings from the complete text.

RUSSIAPAT currently contains over 284,000 records and more than 239,000 images. RUSSIAPAT is updated three times a month. Automatic current-awareness alerts (SDIs) are available every update.

Simultaneous left and right truncation is available in the Basic Index (/BI). The Graphic Information (GINF) display field provides an indication of the number and size of all available drawings.

RUSSIAPAT participates in the STN Information Keep & Share Program.

For pricing details, see HELP COST in the database.

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

WSCA

World Surface Coatings Abstracts **–added to the POLYMERS database cluster**

WSCA has been added to the POLYMERS database cluster.

A complete listing of database clusters is available at:
www.cas.org/ONLINE/CATALOG/CLUSTERS/cover.html

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

WPIFV/WPIDS/WPINDEX/WPIX

Derwent World Patents Index® databases **–Indian patent data available**

Indian patent documents are now available for preview in Derwent World Patents Index First ViewSM (WPIFV) within 2 weeks of publication. Upon the completion of indexing, the Indian patent records are removed from WPIFV and added to WPIDS/WPINDEX/WPIX. The first fully indexed Indian patent records began appearing at the end of May 2005.

For more information, visit:
scientific.thomson.com/newsletter/2005-04/8272726/

The WPIFV/WPIDS/WPINDEX/WPIX Database Summary Sheets are available at:
www.cas.org/ONLINE/DBSS/wpifvss.html
www.cas.org/ONLINE/DBSS/wpidss.html
www.cas.org/ONLINE/DBSS/wpindexss.html
www.cas.org/ONLINE/DBSS/wpixss.html

Monitoring legal status in INPADOC

This is the second in a series of articles on monitoring patents with INPADOC. This article focuses on monitoring legal status.

You can establish legal status current-awareness alerts (SDIs) three ways and monitor:

- Legal status of a particular patent application
- Legal status of all patent family members, including legal status changes and new family members
- Specific legal status entries

Monitoring the legal status of a particular patent application

To monitor the legal status of a particular patent application, you may choose between two different update codes:

- UPLS – Update Date Legal Status
- EDLS – Entry Date New Publication and/or New Legal Status

The UPLS code allows you to monitor all changes of the legal status, whereas the EDLS code provides legal status changes and the bibliographic information for new publications.

Due to a European Patent Office (EPO) policy change, the granting of a patent is no longer part of the INPADOC legal status for most of the major patent authorities. In fact, granting of the patent can be seen only from the bibliographic display. To include information on the granting of a patent, use EDLS as the update code for your legal status current-awareness alerts.

Current-awareness alerts allow you to monitor the legal status of a particular patent application, all patent family members, and specific legal status entries.

Set up a legal status current-awareness alert for a list of specific patent numbers with EDLS as the update code.

```
=> FILE INPADOC
=> S (DE10330687 OR DE10327878 OR DE10327138 OR DE10327136
    OR DE10327134)/PN
L1          5 (DE10330687 OR DE10327878 OR DE10327138 OR
    DE10327136 OR DE10327134)/PN

=> SDI
ENTER QUERY L# FOR SDI REQUEST OR (END):11
ENTER UPDATE FIELD CODE (UP) OR ?:EDLS
ENTER SDI REQUEST NAME, (AA007/S), OR END:SDI297/S
ENTER COST CENTER (NONE) OR NONE:.
ENTER TITLE (NONE):DE10330687
ENTER METHOD OF DELIVERY (OFFLINE), ONLINE, OR EMAIL:EMAIL
ENTER EMAIL ID (4490K):.
ELIMINATE PREVIOUSLY SEEN ANSWERS WITH EACH SDI RUN? Y/(N):.
ENTER PRINT FORMAT (BIB.M) OR ?:BIB.M LSUP
HIGHLIGHT HIT TERMS? (Y)/N:.
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 L1 HAS BEEN SAVED AS SDI REQUEST 'SDI297/S'
```

Enter
INPADOC.

Search the
patent numbers
of interest.

Use the SDI
command to set
up your alert.
Enter EDLS
as the update
code.

BIB.M
displays the
bibliographic
information
for all
publication
levels. LSUP
displays new
legal status
entries.

Patent Interchange

Monitoring the legal status of all patent family members

To view all legal status changes for an invention, i.e., all records constituting a patent family, apply the new family-based update codes:

- UPFL – Any Change of Legal Status in a Patent Family
- UPFE – Any New Publication and/or Change in Legal Status, new records and new publication levels.

If you run your current-awareness alerts on a *weekly basis*, you may use the new family display formats to display the *current update information* only.

Family display format	Content of display formats
LFAMUP	Accession Number (AN), Patent Information (PI), and Last LS Update (LSUP) for all updated members of a patent family (current update only)
FFAMED	ALL for new publications and/or LSUP for each updated family (current update only)

Set up a family current-awareness alert to monitor US6747191 for new family members (new publications) and legal status changes of the complete family.

```
=> S US6747191/PN
L1          1 US6747191/PN

=> SDI
ENTER QUERY L# FOR SDI REQUEST OR (END):L1
ENTER UPDATE FIELD CODE (UP) OR ?:UPFE
ENTER SDI REQUEST NAME, (AA008/S), OR END:SDI298/S
.....
ELIMINATE PREVIOUSLY SEEN ANSWERS WITH EACH SDI RUN? Y/(N):.
ENTER PRINT FORMAT (BIB.M) OR ?:FFAMED
HIGHLIGHT HIT TERMS? (Y)/N: .
ARCHIVE ANSWERS? Y/(N): .
```

Enter a patent publication number.

Use the SDI command.

Use the UPFE update code and FFAMED display format to obtain the bibliographic information for new family members (new records, plus new levels) and legal status changes.

Patent Interchange



Monitoring specific legal status entries

The new legal status data structure of INPADOC comprises a variety of new search fields that allows for precise legal status searches. These search fields can be used to monitor the legal status of a specific patent application for particular legal status changes.

For example, you may also use the /LSOP field code to search for opposition companies. However, please keep in mind that the opposition information in INPADOC is available only for EP publications.

The UPLS update code provides new information of the legal status. All legal status entries are linked to an update date via (P) proximity. To make your search more specific, use (P) proximity.

Additional resources

For more information regarding the new legal status display structure, visit: www.stn-international.com/training_center/patents/inpadoc903.pdf

Set up an automatic current-awareness alert to monitor Siemens AG as an opposition company.

```
=> S SIEMENS?/LSOP(P)20050100<UPLS
      2260 SIEMENS?/LSOP
      212617 20050100<UPLS
            (20050100<UPLS)
L1      15 SIEMENS?/LSOP(P)20050100<UPLS

=> D BIB LSUP

L1      ANSWER 1 OF 15  INPADOC  COPYRIGHT 2005 EPO on STN

LEVEL 2
AN      226583603 INPADOC  ED 20040311  EW 200411  UP 20040402
        UW 200414
TI      Apparatus with a plug-in contact for connection to a
        fixed busbar. Dispositif avec contact enfichable pour
        raccordement a une barre omnibus fixe.
        Geraeteeinheit mit einem Kontakt zum steckbaren
        Verbinden mit einer ortsfesten Stromschiene.
PA      JEAN MUELLER GMBH ELEKTROTECHNISCHE FABRIK
PAS     MUELLER JEAN OHG ELEKTROTECH
PAA     DE
TL      English; French; German
LA      German
DT      Patent
PIT     EPB1 PATENT
PI      EP 1387454          B1 20040310
DS      R:  AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT
        LI LU MC NL PT SE SK TR
AI      2002EP-0023260      A 20021017
PRAI    2002EP-0023260      A 20021017      (EDPR 20040206)
OSDW    2004-145968

LEGAL STATUS  UPDATE
AN      226583603 INPADOC
20050202 EP26      - OPPOSITION FILED
                        SIEMENS AG
                        20041209
                        .....20050205
```

Search Siemens as an opposition company.

Display bibliographic information and the most recent legal status entry (LSUP).

Broaden your search using current U.S. patent classifications

Take advantage of powerful enhancements for searching U.S. patents in CA/CAPLUS with current U.S. patent classifications. In CA/CAPLUS, you can now:

- Expand your patent search by including U.S. patent classifications
- Use a thesaurus to find current U.S. patent classifications
- Search U.S. patent classifications consistently across CA/CAPLUS and USPATFULL/USPAT2
- Use U.S. patent classifications in CA/CAPLUS for access to all U.S. patents (basic and U.S. family members) from 1907 to the present
- Use current U.S. patent classifications to access old patents, without having to know how the classifications have changed over time since records are reloaded and updated with new classifications every 2 months

Use the Current National Patent Classification (NCL) thesaurus in CAPLUS to find the U.S. patent classifications for terms related to dental compositions. Then use the classifications to expand your search.

```

=> FILE CAPLUS

=> S DENTAL COMPOSIT? AND P/DT
L1          797 DENTAL COMPOSIT? AND P/DT

=> E DENTAL COMPOSITION/NCL
E# FREQUENCY  AT  TERM
--  -
E1          0   1  DENTAL AND DENTISTRY * TOOL
                CONTAINER/NCL
E2          0   1  DENTAL AND DENTISTRY * WASTE
                RECEPTACLES/NCL
E3          0   --> DENTAL COMPOSITION/NCL
E4          0   1  DENTIFRICES/NCL
E5          0   1  DENTIPHONE/NCL
E6          0   1  DENTIPHONE * ACOUSTIC HEARING AID/NCL
E7          0   1  DENTIPHONE * ELECTRICAL HEARING AID/
                NCL
E8          0   1  DENTISTRY/NCL
E9          0   1  DENTISTRY (SEE DENTAL)/NCL
E10         0   1  DENTISTRY * DESIGN/NCL
E11         0   1  DEODORANT/NCL
E12         0   1  DEODORANT * BODY/NCL

=> E DENTAL AND DENTISTRY/NCL
E# FREQUENCY  AT  TERM
--  -
E1          0   1  DENSITY * ANALYSIS LIQUIDS/NCL
E2          0   1  DENT REMOVER SHEET METAL/NCL
E3          0   1  --> DENTAL AND DENTISTRY/NCL
E4          0   1  DENTAL AND DENTISTRY * AMALGAMS AND
                ALLOYS/NCL
E5          0   1  DENTAL AND DENTISTRY * AMALGAMS AND
                ALLOYS * AMALGAM M
                IXER, EG DENTAL FILLING/NCL
E6          0   1  DENTAL AND DENTISTRY *
                APPARATUS, FIXED/NCL
E7          0   1  DENTAL AND DENTISTRY *
                APPARATUS, PORTABLE/NCL
E8          0   1  DENTAL AND DENTISTRY * CABINET/NCL
E9          0   1  DENTAL AND DENTISTRY * CASSETTES/NCL
E10         0   1  DENTAL AND DENTISTRY * CHAIRS/NCL
E11         0   1  DENTAL AND DENTISTRY * CHAIRS *
                DESIGN/NCL
E12         0   1  DENTAL AND DENTISTRY * COMPOSITIONS/
                NCL
    
```

Enter CAPLUS.

Search the concept in the Basic Index and limit answers to patents.

EXPAND on the concept in the /NCL field.

EXPAND on the main title DENTAL AND DENTISTRY in the /NCL field to find the sub-classification for dental compositions.

Search Tip

Take advantage of powerful enhancements for searching U.S. patents in CA/CAplus with current U.S. patent classifications.

Additional resources

For more information about using patent classification codes in your searches, refer to the recorded CAS e-Seminar, *STN: Improving Searches by Including Patent Classification Codes*, available at: <http://casevents.webex.com/casevents/>

For more information about patent searching in CAplus, refer to the CAplus Database Summary Sheet at: www.cas.org/ONLINE/DBSS/caplusss.html

```
=> S E12
L2      899 "DENTAL AND DENTISTRY * COMPOSITIONS"/NCL
        (2 TERMS) ("DENTAL AND DENTISTRY * COMPOSITIONS"
        +KT/NCL)

=> D TI HIT 1-3

L2      ANSWER 1 OF 899  CAPLUS  COPYRIGHT 2005 ACS on STN
TI      Method for molding dental restorations, and related
        apparatus
CLASS
PATENT NO.    CLASS  PATENT FAMILY CLASSIFICATION CODES
-----
US 2005115460 NCL    106/035.000; 428/701.000; 428/702.000;
                    501/005.000; 264/016.000      <-
US 6376397    NCL    501/005.000; 106/035.000; 433/201.100;
                    433/202.100; 433/212.100      <-
US 6465106    NCL    428/426.000; 428/701.000; 501/005.000;
                    501/007.000
US 2001031446 NCL    428/697.000; 106/035.000; 428/689.000;
                    428/699.000; 428/701.000; 428/702.000;
                    433/201.100; 433/202.100; 433/212.100;
                    501/005.000      <-
US 2003198838 NCL    501/005.000; 106/035.000; 433/201.100;
                    433/212.100      <-

L2      ANSWER 2 OF 899  CAPLUS  COPYRIGHT 2005 ACS on STN
TI      Self-hardening calcium phosphate materials with high
        resistance to fracture, controlled strength histories
        and tailored macropore formation rates
CLASS
PATENT NO.    CLASS  PATENT FAMILY CLASSIFICATION CODES
-----
US 2005081750 CL     106/035.000; 106/690.000; 623/023.620;
                    623/023.510; 523/116.000      <-
US 2003167093 NCL    623/023.560; 623/023.750

L2      ANSWER 3 OF 899  CAPLUS  COPYRIGHT 2005 ACS on STN
TI      Rapid-hardening calcium phosphate cement compositions
CLASS
PATENT NO.    CLASS  PATENT FAMILY CLASSIFICATION CODES
-----
US 2005074415 NCL    424/049.000; 423/305.000; 424/602.000;
                    433/217.100
US 2002137812 NCL    106/035.000; 106/690.000;
                    106/691.000      <-
```

The corresponding numeric classification is automatically searched when you search the text label.

Display some answers.

Tips for chemistry searching in INSPEC

Searching for physical properties and uses of chemical elements and inorganic compounds can be challenging. Here are some examples of what you may encounter.

- STN searching is insensitive to the case in which the search terms are entered. How can I differentiate between cobalt and carbon monoxide, both of which may be searched using the letters CO?
- How can I be sure that I have entered all the possible variants of the compound gallium aluminum arsenide, since it may appear in words or as molecular formulas? Also, the molecular formulas can be non-stoichiometric. I want to be sure to retrieve all relevant answers.
- How can I search for an element that has a single-character chemical symbol when that character may occur in the Basic Index in many forms? For example, elemental sulfur's chemical symbol is S, but S is also used as an abbreviation for second and is in words like "field's." A search of "S" in the Basic Index of INSPEC yields well over a million hits, but only a fraction of these results relate to sulfur.
- How can I retrieve all articles relating to gallium phosphide without retrieving every record containing the word "gap"?

INSPEC features four ways to assist you in your chemical searching:

- Basic Index to identify single words from the record title, abstract, and controlled and supplementary terms
- INSPEC thesaurus subject headings
- INSPEC classification codes
- INSPEC chemical indexing

In addition, use of the Element Terms (/ET) field, available only on STN, can help ensure comprehensive retrieval of chemical substances.

INSPEC features four ways to assist you in your chemical searching—Basic Index, INSPEC thesaurus subject headings, INSPEC classification codes, and INSPEC chemical indexing.

Basic Index single-word searching

Single-word searching in the Basic Index (/BI) is the least precise method for chemical substance retrieval in INSPEC. You should be prepared to search by full chemical nomenclature, trivial names, manufacturers' names (brand and trade names), acronyms, and molecular formulas. Spelling is not standardized in INSPEC, so one author may use one spelling of a term and another may use a different spelling or one author may use hyphens between chemically significant groups whereas another may not.

For example:

Search term in /BI	Answers in /BI
SULFUR	14,155
SULPHUR	23,444
ALUMINIUM	196,367
ALUMINUM	47,876

INSPEC thesaurus subject headings

The Basic Index search may be replaced by or supplemented with terms from the INSPEC thesaurus (/CT) field. A subject heading exists for every chemical element name and for the alloys and/or compounds that they form. Many commonly used as materials also have their own subject headings. The entry for gallium arsenide is shown here. Notice that a broader term (BT1) gallium compounds could be used to retrieve gallium phosphide.

```
=> FILE INSPEC
=> E GALLIUM ARSENIDE+ALL/CT
E1      74 BT2 INORGANIC COMPOUNDS
        /CT
E2     5808 BT1 ARSENIC COMPOUNDS
        /CT
E3      74 BT2 INORGANIC COMPOUNDS
        /CT
E4     48907 BT1 GALLIUM COMPOUNDS
        /CT
E5    123182 --> GALLIUM ARSENIDE/CT
                DA  JANUARY 1969
E6        0  UF  GAAS/CT
***** END *****
```

Note: When using the INSPEC thesaurus subject heading, always check the date of introduction of the heading (DA). Use of the term may limit your answer set by the date range that the term has been in use.

If a thesaurus term is used within your search, you can be sure that your retrieved records cover that topic.

INSPEC classification codes

INSPEC is split into five classification sections. The two sections in which you will most commonly find chemical information are:

- Section A: Physics
- Section B: Electrical and Electronics

Section A commonly deals with the properties of the element or compound, and Section B deals with its applications. To the right is a selection of classification codes that can be used to retrieve information relating to III-V semiconductors.

Classification Codes	Description
A7155G	Impurity and defect levels in II-VI and III-V semiconductors
A7280E	Electrical conductivity of II-VI and III-V semiconductors
A7360L	Electrical properties of II-VI and III-V semiconductors (thin films/low-dimensional structures)
A7840G	Visible and ultraviolet spectra of II-VI and III-V semiconductors
A7855E	Photoluminescence in II-VI and III-V semiconductors
A7865K	Optical properties of II-VI and III-V semiconductors (thin films/low-dimensional structures)
B2520D	II-VI and III-V semiconductors

To retrieve records relating to the electrical conductivity of gallium arsenide, use the subject heading gallium arsenide and the classification code A7280E.

```
=> S GALLIUM ARSENIDE/CT AND A7280E/CC
    123182 GALLIUM ARSENIDE/CT
    20516 A7280E/CC
L4      8790 GALLIUM ARSENIDE/CT AND A7280E/CC

=> D HIT 4
L4      ANSWER 4 OF 8790 INSPEC (C) 2005 IEE on STN
CC      A7220P Thermoelectric effects (semiconductors/insulators); A7130
        Metal-insulator transitions and other electronic transitions;
        A7280E Electrical conductivity of II-VI and III-V semiconductors;
        A7145 Collective effects (condensed matter electronic structure);
        A340H Quantum Hall effect; A7360L Electrical properties of II-VI
        and III-V semiconductors (thin films/low-dimensional structures)
CT      CARRIER DENSITY; ENERGY GAP; GALLIUM ARSENIDE; III-V
        SEMICONDUCTORS; METAL-INSULATOR TRANSITION; PHASE DIAGRAMS; QUANTUM
        HALL EFFECT; THERMOELECTRIC POWER; WIGNER CRYSTAL
```

INSPEC chemical indexing

To make the result more specific, take advantage of the INSPEC chemical indexing (/CHI). INSPEC controlled terms have been applied to all relevant inorganic substances and systems since 1987. Each component of an inorganic substance or system is assigned a role indicator.

For example, the element cobalt is indexed as CO EL in the CHI field, whereas the compound carbon monoxide is indexed as CO BIN, C BIN, O BIN. Gallium indium phosphide is indexed as GAINP SS, GA SS, IN SS, P SS. The molecular formula Al_xGa_{1-x}As is indexed as ALGAAS SS, AL SS, GA SS, AS SS.

INSPEC chemical indexing solves the problems associated with:

- Case insensitivity
- Varied element symbol order complications, e.g., aluminum gallium arsenide versus gallium aluminum arsenide
- Non-stoichiometry
- The indeterminate nature of some semiconductor materials, e.g., alloy versus compound
- Word ambiguity

Four additional role indicators let you denote the function of the chemical component.

Role	Code
Dopant	DOP
Interface system	INT
Surface or substrate	SUR
Adsorbate or sorbate	ADS

For example, boron-doped silicon is indexed as SI:B BIN, SI BIN, B BIN, SI EL, B EL, B DOP.

Role	Code	Description
Element	EL	Single component
Binary	BIN	Two components
System	SS	More than two components

To limit our previous search to binary gallium arsenides, search BIN/CHI with the previous result.

```
=> S L4 AND BIN/CHI
      627199 BIN/CHI
L5      5474 L4 AND BIN/CHI

=> D HIT 4
L5 ANSWER 4 OF 5474 INSPEC (C) 2005 IEE on STN
CC A7220P Thermoelectric effects (semiconductors/insulators); A7130
Metal-insulator transitions and other electronic transitions;
A7280E Electrical conductivity of II-VI and III-V semiconductors;
A7145 Collective effects (condensed matter electronic structure);
A7340H Quantum Hall effect; A7360L Electrical properties of II-VI
and III-V
semiconductors (thin films/low-dimensional structures)
CT CARRIER DENSITY; ENERGY GAP; GALLIUM ARSENIDE; III-V
SEMICONDUCTORS; METAL-INSULATOR TRANSITION; PHASE DIAGRAMS;
QUANTUM HALL EFFECT; THERMOELECTRIC POWER; WIGNER CRYSTAL
CHI GaAs bin, As bin, Ga bin
```

To retrieve records entered into the database since 1986 relating to the electrical conductivity of gallium phosphide, use the classification code A7280E and the chemical indexing GA BIN linked to P BIN.

```
=> S A7280E/CC AND (GA BIN (L) P BIN)/CHI
      20516 A7280E/CC
      107346 GA BIN/CHI
      31754 P BIN/CHI
      3562 (GA BIN (L) P BIN)/CHI
L1      190 A7280E/CC AND (GA BIN (L) P BIN)/CHI

=> D HIT
L1 ANSWER 1 OF 190 INSPEC (C) 2005 IEE on STN
CC A6855 Thin film growth, structure, and epitaxy; A8115C
Deposition by sputtering; A7280E Electrical conductivity of II-VI
and III-V semiconductors; A7360L Electrical properties of II-VI
and III-V semiconductors (thin films/low-dimensional structures);
A8280K Energy conversion spectroscopic methods of chemical
analysis; A8160C Surface treatment and degradation in
semiconductor technology; A7820D Optical
constants and parameters (condensed matter); A7865K Optical
properties of II-VI and III-V semiconductors (thin films/low-
dimensional structures); B0520B Sputter deposition; B2520D II-VI
and III-V semiconductors
CHI GaP bin, Ga bin, P bin
```

The Element Terms (/ET) field is a unique STN feature for comprehensive retrieval of chemical substances in key engineering databases on STN, including INSPEC.

Element Terms field

The Element Terms (/ET) field is a unique STN feature for comprehensive retrieval of chemical substances in key engineering databases on STN, including INSPEC.

Software developed by FIZ Karlsruhe scans abstracts, titles, and other text for chemical formulas, material descriptions, alloys, eutectic systems, nuclear reactions, and doped systems. The identified formulas are analyzed and converted into a standardized format and placed in the ET field.

A carefully constructed check list ensures that only element terms and chemically relevant symbols enter the ET field. Appropriate description tags are also generated and linked with the ET field to provide useful additional search options. The original formula, the number of elements, and all elements of the material in alphabetical order (without tags) are searchable.

Additional resources

For more information about INSPEC, refer to *Chemical and Numerical Indexing on STN*, available at: www.stn-international.de/training_center/engineering/inspec_chem_indx.pdf

These types of strings in the Abstract, Title, and other text fields...	Are indexed in the ET field as...	Example
Subscripts and superscripts	Online characters	CAF ₂
Elements	The order given in the original document and in Hill System order with an asterisk between element terms <i>Note: In Hill System Order, C is always first and H is always second when C is present.</i>	C*AU*CO*K
Two or more metals or semi-metals in the material description	Systems, i.e., each element is indexed with SY and the total number of elements in the system is also indexed	CO SY 4
One metal or semi-metal in the material description	Compounds, i.e., CP	O CP
Intermetallic compounds	Both systems and compounds	CR CP; AL SY 3
Descriptions of Russian steels	Chemical symbols	DY(N,GAMMA) 166DY
Dopings separated from materials by a colon in solid state physics	Doping and doped materials	H doping; doped materials
Target nucleus in nuclear reactions	T	10B T
Incident particle in nuclear reactions	R (reactant)	166DY R
Final nucleus in nuclear reactions	F	166DY F
Positive ions	IP	CA IP 2
Negative ions	IN	O IN 2
Isotopes	IS	C IS

STN Patent Fixed Fee Plan offers one annual fee for access to premier intellectual property and chemistry information

A fixed fee pricing option for selected intellectual property and chemistry information is now available on STN. Major intellectual property departments within corporations and intellectual property firms use STN to locate precisely the information needed to make business-critical decisions. Now, STN is introducing a fixed fee option that is tailored to meet those needs.

This program is designed for STN corporate customers who need to access patent content by utilizing the power and precision of STN's search tools at a predictable, controlled cost. Selected sites are permitted to participate within certain limits.

The STN Patent Fixed Fee Plan offers significant value and is easy to administer:

- One annual, predictable fee for intellectual property and chemistry information
- File-specific charges, e.g., connect-hour, offline print, online display, search term, or current-awareness alert (SDI), are included*
- Caps on increases for annual renewal based on usage
- No fee per user

Without traditional transactional, pay-as-you-go pricing concerns, you can use the STN Patent Fixed Fee Plan to access:

- Premier collection of intellectual property content focused on chemistry and other sci-tech industries, with currency second to none
- Indexed, high-quality patent and chemical structure databases needed to make business-critical decisions

- CPlus, Derwent World Patents Index[®]**, INPADOC, MARPAT, MARPATprevSM, and REGISTRY/ZREGISTRY in one source
- Links to the full text of published documents

If you have questions about the STN Patent Fixed Fee Plan, please contact your STN Service Center. STN-Columbus customers may contact the CAS Corporate Agreement Team, their account representative, or CAS Customer Care at help@cas.org or 800-753-4227 in North America or 614-447-3700 worldwide.

* CAS Information Use Policies apply. Various other STN database producers also maintain usage restrictions specific to their databases.

** Available with the Derwent Open Access License only.

New CAS Information Use Policies provide greater ease and flexibility in using scientific information

The CAS/STN General Data Use Restrictions were revised and replaced with the new CAS Information Use Policies. These new policies are designed to support the changing needs of today's researchers and information professionals.

The new CAS Information Use Policies are now available at: www.cas.org/infopolicy.html

For your convenience, the former URL (www.cas.org/restrict.html) automatically redirects to www.cas.org/infopolicy.html to ensure that any links or bookmarks are directed to the most recent version of the policies.

New direct linking options available in ChemPort[®]

ChemPort now offers two new features that make it easier to reach the document of interest and your organization's library. You can now link directly to journal articles and patent documents *without viewing the ChemPort full-text options page*.

Direct to Document

The Direct to Document option is now ON by default. You are linked directly to the journal article or patent document when the:

- Document is available free of charge
- Publisher or provider recognizes you as a subscriber

Currently, the American Chemical Society, Royal Society of Chemistry, and MicroPatent offer this option. And, more publishers will be added soon.

Note: When a document is unavailable for Direct to Document, you will still be presented with the ChemPort full-text options page.

Direct to Library

The Direct to Library option is OFF by default. When it is set ON, and In-House Linking has been set up, you are linked directly to your organization's in-house library system (also called "link resolvers").

Note: If both direct linking options are set ON, Direct to Document is attempted first. If the document is not available, then Direct to Library is attempted.

The myCAS[®] administration tool allows you to change the defaults for the Direct Linking Options, as well as set up In-House Linking. myCAS is only available to STN-Columbus customers. If you are a STN-Karlsruhe or STN-Tokyo customer, you should contact your STN Service Center for assistance.

If you would like more information, or need to be set up to use myCAS, contact CAS Customer Care for assistance.

Previously recorded CAS e-Seminars available

Previously recorded CAS e-Seminars are available on the web for your viewing convenience around the clock. Recorded events include both video and audio.

Currently available previously recorded CAS e-Seminars include:

- STN: Introduction to Polymers
- STN: Finding Post-Treated and Blended Polymers
- STN: Improving Searches by Including Patent Classification Codes
- STN: Organometallics and Coordination Compounds
- STN: Reaction Searching
- STN: Using the Cambridge Scientific Abstract (CSA) Files
- STN: Visualization Tools in STN Express with *Discover!*, Analysis Edition (Version 7.01)
- STN: Post-processing Search Results with the Analysis Edition of STN Express with *Discover!*
- STN: Structure and Substructure Searching Tips
- STN: Advanced Structure Search Techniques – Ring Information
- STN: Have It Your Way – Customizing Your STN Account
- STN: “Biotextology” – Text Search Techniques for Biological Information
- STN: Biotech Patent Validity Tips
- STN: Increasing Confidence in Search Results
- STN: Expanding Your Prior Art Search with Controlled Terminology
- STN: All About MARPAT
- STN: Advanced MARPAT Techniques
- STN: Patent Citation Searching
- STN: Searching for Patent Families
- STN: Automating Your Search
- STN: Multiple Methods of Keeping Current

To view one or more, visit:
casevents.webex.com

Then click on **STN recorded e-Seminars**.

2005 CAS exhibits

www.cas.org/exhibit.html

Drug Discovery Technology

August 7-12
Boston, Massachusetts

IFLA '05

August 14-18
Oslo, Norway

ACS Fall 2005

August 28-September 1
Washington, DC

IPO Annual Meeting

September 11-13
Seattle, Washington

GdCh Conference (German Chemical Society Meeting)

September 11-14
Duesseldorf, Germany

PIUG Northeast Workshop

September 28
Iselin, New Jersey

RICH-MAC 2005

October 4-10
Milano, Italy

Drug Discovery to Manufacturing: Global Partnering & New Science

October 5-7
Mumbai, India

BioTech Forum

October 10-12
Stockholm, Sweden

ICIC 2005

October 16-19
Nimes, France

Frankfurt Book Fair

October 19-23
Frankfurt, Germany

Korean Chemical Society Fall Meeting

October 25-26
Wonju, Korea

BioMed Conference

October 25-26
Baltimore, Maryland

AIPLA

October 27-29
Washington, DC

CPhi

November 1-3
Madrid, Spain

SERM & SWRM – ACS

November 1-4
Memphis, Tennessee

EPIDOS

November 8-10
Budapest, Hungary

BioNorth '05

November 28-30
Ottawa, Ontario, Canada

Online Information 2005

November 29-December 1
London, The United Kingdom

PacifiChem

December 15-20
Honolulu, Hawaii

STNewslines—did you sign up?

STNewslines, our electronic newsletter, is published every month. Are you receiving it?

You are not automatically signed up to receive STNewslines just because you receive *STNews*. We need your e-mail address to send it to you.

So, if you would like to receive the latest news about STN, visit:

www.cas.org/STNEWS/signup.html

Or, simply complete this form and fax it to: *STNews* Editor, 614-447-3837.

YES! Sign me up to receive STNewslines:

NAME

E-MAIL ADDRESS

ORGANIZATION

COUNTRY

STNews binders available



Need a binder for your 2005 issues of *STNews*? CAS has *STNews* binders available!

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



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

2005 CAS e-Seminars

www.cas.org/training/schedule.html

7/14	8:30-9:30 a.m.	STN: Advanced Structure Searching with Filters/Screens (re-broadcast)
7/26	1:00-2:00 p.m.	STN: Finding Regulatory Information
8/11	8:30-9:30 a.m.	STN: Finding Regulatory Information (re-broadcast)
8/30	1:00-2:00 p.m.	STN: What's New with STN Express?
9/8	8:30-9:30 a.m.	STN: What's New with STN Express? (re-broadcast)
9/27	1:00-2:00 p.m.	STN: Stereochemistry in the CAS REGISTRY File
10/13	8:30-9:30 a.m.	STN: Stereochemistry in the CAS REGISTRY File (re-broadcast)
10/25	1:00-2:00 p.m.	STN: Finding Clinical Trial and Drug Pipeline Information
11/10	8:30-9:30 a.m.	STN: Finding Clinical Trial and Drug Information (re-broadcast)
11/29	1:00-2:00 p.m.	STN: Multifile Patent Searching
12/8	8:30-9:30 a.m.	STN: Multifile Patent Searching (re-broadcast)
12/13	1:00-2:00 p.m.	STN: Using Boolean Operators in Structure Searching

All times are U.S. Eastern Time.

To register, visit:

casevents.webex.com/casevents/onstage/searchecchemical.php?CPRO=STN&CAUD=a1e52027267c

2005 FIZ Karlsruhe e-Seminars

8/10 9:00-10:00 a.m. BEILSTEIN

All times are U.S. Eastern Time.

For more details and to register, visit:

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

2005 STN instructor-led seminars

www.cas.org/training/schedule.html

Chicago, Illinois

7/14 9:00 a.m.-4:00 p.m. STN Patent Forum

Columbus, Ohio

10/18 9:00 a.m.-12:00 p.m. Basic CAplus Subject Search Techniques

10/18 1:00 p.m.-4:00 p.m. Advanced Subject Search Techniques in CAplus

10/19 9:00 a.m.-12:00 p.m. Basic Substance Search Techniques

10/19 1:00 p.m.-4:00 p.m. Advanced Text Searching in the CAS REGISTRYSM File

Indianapolis, Indiana

7/15 9:00 a.m.-4:00 p.m. STN Patent Forum

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

To register, visit:

www.cas.org/training/regform.html

STNews

STNews is written and produced cooperatively by Chemical Abstracts Service, FIZ Karlsruhe, and JST and printed in three separate editions.

Staff, North American Edition:

Editors: Kristina Gobel
Crystal Poole

Contributing Editors:

Jim Blake
Elizabeth Haines

FIZ Karlsruhe

Dr. Gerhard Herlan

Design/Production:

Pat Farnlacher
Nadine Seeley

JST

Ryosuke Shimamori

For the North American Edition © 2005 American Chemical Society. Quoting or republishing of material from STNews is encouraged provided that acknowledgement is made of STNews as the source. CAS requests that a copy of the reproduced material be sent to CAS Customer Care, P.O. Box 3012, Columbus, OH 43210-0012 U.S.A. Please send all address changes to CAS, P.O. Box 3012, Columbus, OH 43210-0012 U.S.A. E-mail us at help@cas.org.

In This Issue

Feature

STN Express with *Discover!*, Analysis Edition, Version 8.0, offers enhanced results analysis, improved post-processing capabilities, and more 2

New To STN

New STN AnaVist provides unique insights into trends and patterns in scientific and patent information 7

Database News

BEILSTEIN, BIOSIS, COMPENDEX, FRFULL, GBFULL, MEDICONF, MSDS-CCOHS... 8

NTIS, PHIN, REGISTRY/ZREGISTRY 9

RUSSIAPAT, WSCA, WPIFV/WPIDS/WPINDEX/WPIX 10

Patent Interchange

Monitoring legal status in INPADOC 11

Search Tip

Broaden your search using current U.S. patent classifications 14

Power Up

Tips for chemistry searching in INSPEC 16

Take Note

STN Patent Fixed Fee Plan offers one annual fee for access to premier intellectual property and chemistry information 20

New CAS Information Use Policies provide greater ease and flexibility in using scientific information 20

New direct linking options available in ChemPort 20

Previously recorded CAS e-Seminars available 21

2005 CAS exhibits 21

STNews binders available 22

STN Seminars

2005 CAS e-Seminars 23

2005 STN instructor-led seminars 23

Included with this issue

2MOBILITY, ANABSTR, CHEMSAFE, DIPPR, and SPECINFO Database Summary Sheets.

In case you missed it:

STNews Jan/Feb

- CSA databases on STN—opening the world of computing, engineering, water, air, and earth, and materials science to you
- New databases on STN: EPFULL and LISA
- SET it right
- Accessing additional data through hyperlinked terms
- Searching German patents

STNews Mar/Apr

- Utilizing full-text patent databases on STN
- New databases on STN: GBFULL and PATDPASPC
- Strategies for searching cyclic organometallic and coordination compounds in REGISTRY
- Retrieving cyclic organometallic and coordination compounds in MARPAT
- Substituting manual steps for automated structure searches with CASLINK
- Monitoring new inventions with INPADOC

You can find it easily by searching the CAS web site at:
www.cas.org/websearch.html

In Japan

STN
c/o Japan Association for International
Chemical Information (JAICI)
Nakai Building
6-25-4 Honkomagome, Bunkyo-ku
Tokyo 113-0021, Japan
Phone: 81 3-5978-3601 (Technical Service)
Phone: 81 3-5978-3621 (Customer Service)
Fax: 81 3-5978-3600
E-mail: helpdesk@jaici.or.jp (Technical Service)
E-mail: cas-stn@jaici.or.jp (Customer Service)
Internet: www.jaici.or.jp

STN
c/o Japan Science and Technology
Agency (JST)
5-3 Yonbancho, Chiyoda-ku
Tokyo 102-8666, Japan
Phone: 81 3-5214-8493
Fax: 81 3-5214-8450
E-mail: helpdesk@mr.jst.go.jp
Internet: pr.jst.go.jp/db/STN/

In Europe

STN
c/o FIZ Karlsruhe
P.O. Box 2465
76012 Karlsruhe
Germany
Phone: (+49) 7247808-555
Fax: (+49) 7247808-259
E-mail: helpdesk@fiz-karlsruhe.de
Internet: www.stn-international.de

In North America

STN
c/o Chemical Abstracts Service
P.O. Box 3012
Columbus, Ohio 43210-0012 U.S.A.
Phone: 800-753-4227 (North America)
614-447-3700 (worldwide)
Fax: 614-447-3751
E-mail: help@cas.org
Internet: www.cas.org/stn.html



A division of the American
Chemical Society.