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2007, Issue No. 1

# STN News

CODEN: STNWEQ ISSN: 1040-1229 Vol. 23 No. 1

North American Edition

## STN<sup>®</sup>

### Highlights

- 6** New CA<sup>SM</sup> index name rules in 2007
- 9** F-Term thesaurus enhancements
- 12** 2007 prices available
- 12** CAS Registry Number<sup>®</sup> crossover limit increased to 300,000 in multiple databases
- 12** IPC version 2007.01 thesaurus available on STN<sup>®</sup>

## CA<sup>SM</sup>/CAplus<sup>SM</sup>

**–Company Name Thesaurus enhanced and reloaded; enhanced with more pre-1907 records; enhanced with patent applications from India; pre-1967 chemical substance index entries enhanced with preparation role; updated with revised CAS roles**

### Company Name Thesaurus enhanced and reloaded

The Company Name Thesaurus in CA/CAplus has been reloaded and now includes over 40,000 company name families.

### Enhanced with more pre-1907 records

Over 53,500 records for abstracts published in the 1890-1906 issues of the Journal of the Chemical Society, Abstracts have been added to Volume 0 of the CA/CAplus family of databases.

### Enhanced with patent applications from India

Indian patent applications from the Office of the Controller General of Patents, Designs, and Trade Marks have been added to CA/CAplus. Coverage is retroactive to December 4, 2004.

Patent kind codes in CA/CAplus have been modified as follows:

- Kind code A – patent applications
- Kind code A1 – granted patent specifications

Additional information on patent coverage in CA/CAplus is available at [www.cas.org](http://www.cas.org).

### 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](http://www.cas.org).

### Updated with revised CAS roles

The following specific Process (PROC) roles are no longer assigned in CA/CAplus:

- Chemical (CPS)
- Physical (PYP)
- Engineering (EPR)

Substances with roles in chemical, physical, or engineering processes are now assigned the specific Physical, Engineering, or Chemical Process (PEP) role.

The specific Preparation (PREP) role, Preparation, Unclassified (PNU), is no longer assigned in CA/CAplus. Substances with previously unclassified preparation roles are now assigned one of the following specific PREP roles:

- Bioindustrial Manufacture (BMF)
- Biosynthetic Preparation (BPN)
- Byproduct (BYP)
- Combinatorial Preparation (CPN)
- Industrial Manufacture (IMF)
- Purification or Recovery (PUR)
- Synthetic Preparation (SPN)

The specific Uses (USES) role, Device Component Use (DEV), is no longer assigned in CA/CAplus. Substances used in device components are now assigned the specific Technical or Engineered Material Use (TEM) role.

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

The CA/CAplus role thesaurus and backfile will be updated with these changes in 2007. For additional information on CAS roles, enter HELP ROLES at an arrow prompt (=>).

The CA/CAplus Database Summary Sheets are available at [www.cas.org](http://www.cas.org).

## CHEMLIST<sup>®</sup>

**–enhanced with New Zealand Inventory of Chemicals**

The New Zealand Inventory of Chemicals (NZIoC) is a list of chemicals that may be used as components in formulated products, manufactured in, or imported into New Zealand. CHEMLIST now includes all non-confidential NZIoC substances. These substances are identified with "On NZIoC" in the Inventory Status (INV) field.

Enter HELP NZIOC in CHEMLIST for additional information.

The CHEMLIST Database Summary Sheet is available at [www.cas.org](http://www.cas.org).

## EMBASE

### ***–enhanced with clinical trial number field***

Excerpta Medica (EMBASE) has been enhanced with the Clinical Trial Number (NCT) field. The new field is searchable, displayable, printable, selectable, and sortable. The File Segment (FS) field now includes the source of the clinical trial number.

In addition, FREE is now an alias to the no-cost TRIAL display and print formats.

The EMBASE Database Summary Sheet is available at [www.cas.org](http://www.cas.org).

## FRFULL and GBFULL

### ***–enhanced with IPC 8 features and functionality***

The United Kingdom French Patents Full Text (FRFULL) and the (GB) Patents Full Text (GBFULL) databases are now IPC 8 compliant. A number of new search, display, and select fields and an IPC thesaurus have been added to the databases.

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

Additional information on IPC Reform is available at [www.stn-international.de/stndatabases/details/ipc\\_reform.html](http://www.stn-international.de/stndatabases/details/ipc_reform.html).

The FRFULL and GBFULL Database Summary Sheets are available at [www.cas.org](http://www.cas.org).

## IFICDB/IFIPAT/IFIUDB

### ***–reloaded with enhancements***

The IFI Comprehensive (IFICDB), Patent (IFIPAT), and Uniterm (IFIUDB) databases have been reloaded with a number of enhancements. Several of the enhancements are related to International Patent Classification (IPC) Reform implementation in these databases.

New display fields:

- Entry Date (ED)
- Update Date (UP)
- IPC Initial (IPCI)
- IPC Reclassified (IPCR)

New search fields:

- Abstract (AB)
- Claims (CLM)
- IPC (IPC)
- IPC Action Date (IPC.ACD)
- IPC Keyword (IPC.KW)
- IPC Old (IPC.OLD)
- IPC Version (IPC.VER)

Additional enhancements:

- The IPC Tabulate (IPC.TAB) display format has been added.
- The AB field is now separately searchable.
- IPC 8 codes are now available in records back to 1950.
- Keyword-in-Context (KWIC) format is now a free format in IFICDB and IFIUDB subscriber databases.
- FREE is now an alias to the no-cost TRIAL display and print formats.

In addition, IFICDB/IFIPAT/IFIUDB now include the IPC thesaurus. The classification and catchwords for the main headings and subheadings are based on the current IPC 8 manual. Classifications from previous IPC editions (1-7) are also included in separate thesauri. To EXPAND and SEARCH in the thesauri, enter the field code followed by the edition number, e.g., /IPC8, for the IPC 8 thesaurus.

For additional information on the IFICDB/IFIPAT/IFIUDB reload, enter HELP RLOAD at an arrow prompt (=>).

The revised IFICDB/IFIPAT/IFIUDB Database Summary Sheets are available at [www.cas.org](http://www.cas.org).

## INPADOC/INPADOCDB

**–INPADOC will be reloaded and renamed INPADOCDB (International Patent Documentation Data Base)**

The European Patent Office (EPO) has completed the harmonization project between their two databases INPADOC (PRS) and DOCDB. This new collection of data is now delivered in a new format called DOCDB XML ST.36. The delivery of the old IFD format for INPADOC will be discontinued after week 2007/17, so that the current INPADOC database cannot be updated after this date. STN is creating a new database, INPADOCDB, from the new XML data and will also load the INPADOC legal status data into that database.

While we strive to keep changes for search and display at a minimum, the new database offers a lot of new and enhanced content:

- Approximately 63 million documents (the old database contained 49 million documents).
- The backfile dates back to 1836(US), 1879(DE), 1840(GB), 1900(FR), 1944(JP), etc.
- Contains more abstracts, mainly English.
- Includes cited references (patents and non-patent literature) for 11 offices. Citations from all searches made at the EPO for BE, CH, EP, FR, GB, NL, TR, and all WO are loaded as well as data from AU, DE, and US.
- European classifications (ECLA, ICO, IDT).
- Many original bibliographic data and abstracts.

More information is available at [www.stn-international.de/stndatabases/details/inpadocdb.html](http://www.stn-international.de/stndatabases/details/inpadocdb.html).

## KOREAPAT

**–enhanced with IPC 8 features and functionality**

Korean Patent Abstracts (KOREAPAT) 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 March 2006 monthly update is now available in KOREAPAT. 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 for details on the IPC 8 enhancements.

Additional information on IPC Reform is available at [www.stn-international.de/stndatabases/details/ipc\\_reform.html](http://www.stn-international.de/stndatabases/details/ipc_reform.html).

The KOREAPAT Database Summary Sheet is available at [www.cas.org](http://www.cas.org).

## MARPAT®

**–CA/CAplus accession number crossover limit increased to 50,000**

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

The MARPAT Database Summary Sheet is available at [www.cas.org](http://www.cas.org).

## MEDLINE®

**–updated in preparation for 2007 reload; reloaded with enhancements**

To prepare for the 2007 MEDLINE reload, the U.S. National Library of Medicine (NLM) suspended delivery of regular database updates on November 15, 2006.

Regular updates to MEDLINE have resumed and will now include 2007 Medical Subject Headings (MeSH®) and tree numbers.

MEDlars onLINE® (MEDLINE/LMEDLINE) from the U.S. National Library of Medicine (NLM) has been reloaded with a number of enhancements.

A new Clinical Trial Number (NCT) field has been added to MEDLINE:

- Clinical trial numbers formerly displayed in the Other Source (OS) field are now searchable, displayable, printable, selectable, and sortable in the NCT field.
- The File Segment (FS) field now includes the source of the clinical trial number.

Several MeSH heading terms are now included in the Document Type (DT) field of MEDLINE/LMEDLINE:

- Research Support, Non-U.S. Gov't
- Research Support, U.S. Gov't, Non-P.H.S.
- Research Support, U.S. Gov't, P.H.S.
- Research Support, N.I.H., Extramural
- Research Support, N.I.H., Intramural
- In Vitro
- Comparative Study
- English Abstract

FREE is now an alias to the no-cost TRIAL display and print formats in MEDLINE.

For additional information on the MEDLINE reload, enter HELP RLOAD at an arrow prompt (=>). Complete details of the reload can be found at [www.nlm.nih.gov/pubs/techbull/nd06/nd06\\_issue\\_cover.html](http://www.nlm.nih.gov/pubs/techbull/nd06/nd06_issue_cover.html).

The revised MEDLINE/LMEDLINE Database Summary Sheets are available at [www.cas.org](http://www.cas.org).

## PATDPASPC

### **–enhanced with drug approval numbers**

German Supplementary Protection Certificates for Drugs and Plant Protection Agents (PATDPASPC) has been enhanced with Drug Approval numbers. These numbers are searchable and displayable in the new SPC.DA field.

The revised PATDPASPC Database Summary Sheet is available at [www.cas.org](http://www.cas.org).

## PHAR

### **–reloaded with new search and display fields**

Pharmaprojects (PHAR) has been reloaded with new search and display fields. Entry Date (ED) and Update Date (UP) are now displayable, and New Chemical Entity (NCE) is now searchable and displayable.

In addition, PHAR now includes FREE as an alias to the no-cost TRIAL format. For additional information on the PHAR reload, enter HELP RLOAD at an arrow prompt.

The revised PHAR Database Summary Sheet is available at [www.cas.org](http://www.cas.org).

## RUSSIAPAT

### **–enhanced with pre-1994 records**

Russian Patent Abstracts (RUSSIAPAT) has been enhanced with over 1.4 million records for documents from 1924-1994. The new records include patent and application information, inventor and assignee data, and International Patent Classification (IPC) codes. Titles (TI) are included in records from 1977 to the present.

The revised RUSSIAPAT Database Summary Sheet is available at [www.cas.org](http://www.cas.org).

## TOXCENTER<sup>SM</sup>

### **–enhanced with reloaded MEDLINE**

The MEDLINE segment of Toxicology Center (TOXCENTER) has been reloaded with a number of enhancements.

A new Clinical Trial Number (NCT) field has been added:

- Clinical trial numbers formerly displayed in the Other Source (OS) field are now searchable, displayable, printable, selectable, and sortable in the NCT field.
- The File Segment (FS) field now includes the source of the clinical trial number.

Several MeSH heading terms are now included in the Document Type (DT) field:

- Research Support, Non-U.S. Gov't
- Research Support, U.S. Gov't, Non-P.H.S.
- Research Support, U.S. Gov't, P.H.S.
- Research Support, N.I.H., Extramural
- Research Support, N.I.H., Intramural
- In Vitro
- Comparative Study
- English Abstract

For additional information, enter HELP RLOAD in TOXCENTER at an arrow prompt (=>).

The TOXCENTER Database Summary Sheet is available at [www.cas.org](http://www.cas.org).

## WPIDS/WPINDEX/WPIX

### **–enhanced with IPC 8 reclassification data**

The Derwent World Patents Index<sup>®</sup> (DWPI<sup>SM</sup>) (WPIDS/WPINDEX/WPIX) backfile is being updated with IPC 8 reclassification data. During January 2007, reclassification data have been added between updates and are exempt from standard current-awareness alert (SDI) search processing.

For easy identification, reclassified documents will be assigned an Update International Patent Classification Code (UPIC) of 20060101. To prevent disruption of existing search routines, 20060101/UPIC will not be propagated into the Update Date (UP) search field.

Search strategies that include IPC search field codes for pre-IPC Reform codes, e.g., IC, may need to be adjusted to recognize IPC 8 codes.

Additional information on IPC Reform is available at [www.stn-international.de/stndatabases/details/ipc\\_reform.html](http://www.stn-international.de/stndatabases/details/ipc_reform.html).

The WPIDS/WPINDEX/WPIX Database Summary Sheets are available at [www.cas.org](http://www.cas.org).

## New CA index name rules in 2007



In December 2006, CAS began the transition from 9CI (9<sup>th</sup> Collective Index) index nomenclature rules to new CA index nomenclature rules.

CAS no longer categorizes information by collective index periods, so the new CA index names will no longer have a "CI" label. The "CI" labels (6CI, 7CI, 8CI, 9CI) have been retained for those names that have them.

The CA index names for all substances are being updated in 2007 to comply with the new rules. The previous CA index name, if different, will appear in the OTHER CA INDEX NAMES portion of the REGISTRY display. No names will be removed. New compounds are being named using the new rules.

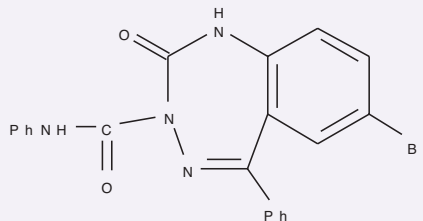
**Q.** I noticed that new substances in REGISTRY do not have the "(9CI)" label on the CA index name. Why is this, and have the rules for assigning CA index names changed?

**A.** CAS is implementing the first major rule changes for CAS index names since 9CI rules were adopted in 1972.

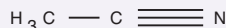
### Name of substance added to REGISTRY on January 10, 2007.

CN 3H-1,3,4-Benzotriazepine-3-carboxamide, 7-bromo-1,2-dihydro-2-oxo-N,5-diphenyl-, compd. with acetonitrile (1:1) (CA INDEX NAME)

CM 1



CM 2



### Example of name change for existing substance.

CN 1,2-Ethanediiimine (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Ethanediiimine (9CI)

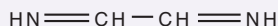
OTHER NAMES:

CN 1,2-Ethylenediimine

CN 1,4-Diaza-1,3-butadiene

CN 1,4-Diazabutadiene

CN Glyoxaldiimine



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**The new rules involve changes in locant rules, changes with amino acid and peptide rules, and a number of general rule changes. The examples illustrate these changes.**

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## Highlights of Rule Changes

The new rules involve changes in locant rules, changes with amino acid and peptide rules, and a number of general rule changes. The following examples illustrate these changes.

### Locant Rule Changes

- Functional suffixes
- Radical locants

### New Amino Acid Precedence

The new rankings attach greater weight to side-chain functional groups. Also, valine outranks the rare isovaline, and cystine is grouped with its reduced form, cysteine, instead of being separated from it by serine.

### Functional suffixes:

New: 3,7,9-Trioxa-8-siladecanal  
9CI: 2,4,8-Trioxa-3-siladecan-10-al

New: Bicyclo[2.2.2]octan-2-one  
9CI: Bicyclo[2.2.2]octanone

### Radical locants:

New: 2-pyrazinyl  
9CI: pyrazinyl

New: Methane, 1,1'-oxybis[1-chloro-  
9CI: Methane, oxybis[chloro-

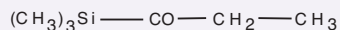
New: Methanesulfonic acid, 1,1,1-trifluoro-  
9CI: Methanesulfonic acid, trifluoro-

### The new order of precedence of standard amino acids.

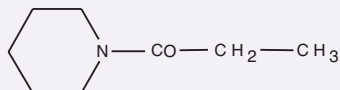
glutamic acid > aspartic acid > tryptophan > histidine > proline > tyrosine > phenylalanine > lysine > norleucine > glutamine > arginine > ornithine > isoleucine > alloisoleucine > leucine > norvaline > asparagine > threonine > allothreonine > homoserine > methionine > homocysteine > valine > isovaline > serine > cystine > cysteine > alanine >  $\beta$ -alanine > glycine

## Ketone parent names:

New: 1-Propanone, 1-(trimethylsilyl)-  
9CI: Silane, trimethyl(1-oxopropyl)-

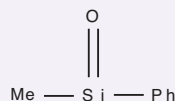


New: 1-Propanone, 1-(1-piperidinyl)-  
9CI: Piperidine, 1-(1-oxopropyl)-



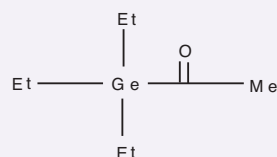
## New silane ranking:

New: Benzene, (methyloxosilyl)-  
9CI: Silane, methyloxophenyl-



## Acyl heteroatom substances:

New: Ethanone, 1-(triethylgermyl)-  
9CI: Germane, acetyltriethyl-



## Numerical ratios:

New: Glycine, *N*-(aminoiminomethyl)-*N*-methyl-, hydrate (1:1)  
9CI: Glycine, *N*-(aminoiminomethyl)-*N*-methyl-, monohydrate

New: polymer with sodium 2-hydroxyacetate (1:1)  
9CI: polymer with hydroxyacetic acid monosodium salt



## General Rule Changes

- More use of ketone parent names
- Silane ranked between cyclic carbon parents and acyclic carbon parents
- Acyl heteroatom substances named at highest function
- Numerical ratios cited for multicomponent substances

## Conclusion

The rules changes will be implemented for all substances during 2007.  
New substances are being named with these rules now.

## Additional resources

For more information, see Nomenclature Changes for CA Index Names (12/06)  
at [www.cas.org](http://www.cas.org).

## F-Term thesaurus enhancements

F-terms are patent classifications assigned by the Japanese patent office and available in CA/CAPLUS from 2004 to the present. They are searchable in the /FTERM field.

The F-Term thesaurus has now been enhanced with hierarchical information. The additional terms allow you to use F-Terms to extend your topic search for additional results.

**Find recent Japanese patent documents relating to exhaust emissions.  
What firms are patenting in this area?**

```
=> FIL CAPLUS

=> S EXHAUST(S)EMISS? AND P/DT AND PY.B>=2006 AND JP/PC
    100946 EXHAUST
    2950 EXHAUSTS
    102086 EXHAUST
        (EXHAUST OR EXHAUSTS)
    560589 EMISS?
    13708 EXHAUST(S)EMISS?
    5573299 P/DT
    1143361 PY.B>=2006
    2732032 JP/PC
L1      219 EXHAUST(S)EMISS? AND P/DT AND PY.B>=2006
        AND JP/PC

=> D BRO
:*TI FTERM
:3

L1 ANSWER 3 OF 219 CAPLUS COPYRIGHT 2007 ACS on STN
TI Exhaust emission control device [machine translation]
CLASS
PATENT NO.      CLASS  PATENT FAMILY CLASSIFICATION CODES
-----
JP 2007009718   FTERM  3G090/AA03; 3G090/AA04; 3G090/AA06;
                3G090/BA01; 3G090/CB11; 3G090/CB23;
                3G090/EA02; 3G091/AA10; 3G091/AA18;
                3G091/AB02; 3G091/AB06; 3G091/AB09;
                3G091/AB13; 3G091/BA14; 3G091/CA05;
                3G091/CA13; 3G091/CA18; 3G091/HA08;
                3G091/HA11; 3G091/HA15; 3G091/HB02;
                4D048/AA06; 4D048/AA13; 4D048/AA14;
                4D048/AA18; 4D048/AB01; 4D048/AB02;
                4D048/AB03; 4D048/AB05; 4D048/AB07;
                4D048/AC02; 4D048/BA03Y; 4D048/BA06Y;
                4D048/BA11Y; 4D048/BA30Y;
                4D048/BA31Y; 4D048/BA33Y;
                4D048/BA41Y; 4D048/BB02; 4D048/CC25;
                4D048/CC32; 4D048/CC33; 4D048/CC61;
                4D048/CD05;
```

*Search for exhaust emissions and patent documents from Japan.*

*Use DISPLAY BROWSE to review titles and F-Terms.*

*The 3G090 terms appear with this answer. What themes do they cover?*

# Patent Interchange

Use EXPAND to view this term  
and any associated terms in the  
hierarchy.

```
=> E 3G090+ALL/FTERM
E1          0  BT3  FTCLA/FTERM
              FTERM CLASSIFICATION OF THE JAPANESE
              PATENT OFFICE
E2          0  BT2  3/FTERM
              . Mechanics
E3         8465  BT1  3G/FTERM
              . . Motive Machinery
E4         1770  --> 3G090/FTERM
              . . . TREATING SOLID CONSTITUENTS OF
              EXHAUST GAS
E5          1  NT1  3G090/AA00/FTERM
              . . . . Processing method
E6          468  NT2  3G090/AA01/FTERM
              . . . . . Having a filter
E7          677  NT3  3G090/AA02/FTERM
              . . . . . Ceramic filter &times;
E8          872  NT4  3G090/AA03/FTERM
              . . . . . Containing fuel
              additives &times;
              .
              .
              .
E79         299  NT2  3G090/EA04/FTERM
              . . . . . Related to structural
              elements other than those
              of the exhaust system
              &times;
E80         337  NT3  3G090/EA05/FTERM
              . . . . . Turbo-charger
E81         333  NT3  3G090/EA06/FTERM
              . . . . . EGR
E82         194  NT3  3G090/EA07/FTERM
              . . . . . Air intake contraction
              valve
E83          12  NT3  3G090/EA08/FTERM
              . . . . . Exhaust intake valve
***** END *****
```

# Patent Interchange

```
=> S E4+NT AND PY.B>=2006
      1770 3G090+NT/FTERM (80 TERMS)
      1143361 PY.B>=2006
L3      487 3G090+NT/FTERM AND PY.B>=2006

=> D IBIB HIT
L3 ANSWER 1 OF 487 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2007:58894 HCAPLUS
TITLE: The inspection method of the
        ceramic honeycomb filter
        [machine translation]
INVENTOR(S): Watanabe, Kazutoyo
PATENT ASSIGNEE(S): Hitachi Metals, Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 10pp.
        CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:
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      PATENT NO.      KIND  DATE      APPLICATION NO.      DATE
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      JP 2007010492  A   20070118  JP 2005-191860      20050630 <--
PRIORITY APPLN. INFO.:      JP 2005-191860      20050630
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CLASS
PATENT NO.      CLASS  PATENT FAMILY CLASSIFICATION CODES
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JP 2007010492  FTERM  2F062/AA42; 2F062/EE07; 2F062/HH00;
                2F062/LL03; 3G090/AA02; 3G090/CA00;
                3G091/AB13; 3G091/BA07; 3G091/BA13;
                3G091/BA39; 3G091/GA06;
                3G091/GB17X; 4D058/JA32;
                4D058/JA37; 4D058/JA38; 4D058/JB06;
                4D058/PA01; 4D058/SA08      <--
```

```
=> ANA L3 PA
L4      ANALYZE L3 1- PA :      317 TERMS
```

```
=> D
L4      ANALYZE L3 1- PA :      317 TERMS
```

```
TERM #      # OCC      # DOC      % DOC PA
-----
1           323        323        18.25 TOYOTA MOTOR CORP JAPAN
2           125        125         7.06 HINO MOTORS LTD JAPAN
3           119        119         6.72 NISSAN MOTOR CO LTD JAPAN
4            78         78         4.41 TOYOTA JIDOSHA KABUSHIKI
                KAISHA JAPAN
5            73         73         4.12 NGK INSULATORS LTD JAPAN
6            68         68         3.84 MAZUDA MOTOR CORP JAPAN
7            57         57         3.22 MITSUBISHI FUSO TRUCK BUS
                CORPORATION JAPAN
8            54         54         3.05 ISUZU MOTORS LTD JAPAN
9            45         45         2.54 HONDA MOTOR CO LTD JAPAN
10           42         42         2.37 HITACHI METALS LTD JAPAN
```

Search the 3G090 term and terms associated with it. The search more than doubles the number of answers.

Display an answer.

Analyze the Patent Assignee (PA) field for active companies.

Display the results.

## Additional Resources

The F-term thesaurus was previously discussed in *Patent Interchange* in the July/August 2006 issue of *STNews*.

The CA/CAplus Database Summary Sheets are available at [www.cas.org](http://www.cas.org).



## CAS contacts

### CAS Customer Care:

#### Phone:

800-753-4227  
(North America)

614-447-3700  
(worldwide)

#### FAX:

614-447-3751

#### E-mail:

[help@cas.org](mailto:help@cas.org)

#### CAS web page:

[www.cas.org](http://www.cas.org)

## 2007 prices available

A copy of the 2007 STN Price List is included with this issue of *STNews* and available at [www.cas.org](http://www.cas.org). 2007 STN prices can also be accessed by entering HELP PRICE in a database.

The 2007 STN AnaVist, STN Express<sup>®</sup> with *Discover!*<sup>™</sup>, STN Easy<sup>®</sup>, and STN Easy for Intranets<sup>™</sup> prices are also available at [www.cas.org](http://www.cas.org).

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

The crossover limit for CAS Registry Numbers (RN) has increased in additional databases on STN<sup>®</sup>.

Increased from 10,000 to 300,000:

- BEILSTEIN
- CHEMSAFE
- CIN<sup>®</sup>
- HCIN
- CSCHEM
- DETHERM
- DRUGU
- ENCOMPLIT
- ENCOMPLIT2
- ENCOMPAT
- ENCOMPAT2
- GMELIN97
- HSDB
- IFICDB
- IFIPAT
- IFIADB
- IMSDRUGNEWS
- MRCK
- MSDS-CCOHS
- NAPRALERT
- PHAR
- PIRA
- PS
- RTECS<sup>®</sup>
- SPECINFO
- USAN
- VETU

Increased from 30,000 to 300,000:

- CAOLD<sup>SM</sup>
- HCAOLD

There is a charge to crossover each CAS Registry Number into non-CAS databases. Enter HELP COST in CAS REGISTRY<sup>SM</sup> for details.

## IPC version 2007.01 thesaurus available on STN

A thesaurus for version 2007.01 of the International Patent Classification (IPC) is now available in the following databases on STN:

- CA/CAplus
- EPFULL
- FRANCEPAT
- FRFULL
- GBFULL
- INPADOC
- JAPIO
- PATDPAFULL
- PATDPASPC
- PCTFULL
- RUSSIAPAT
- TULSA/TULSA2
- USPATFULL/USPAT2
- WPIDS/WPINDEX/WPIX

New Advanced IPC codes are included in:

- Group A62D0003/00 – Processes for making harmful chemical substances harmless, or less harmful, by effecting a chemical change in the substances
- Subclass H02M – Apparatus for conversion between AC and AC, between AC and DC, or between DC and DC, and for use with mains or similar power supply systems; conversion of DC or AC input power into surge output power; control or regulation thereof

Additional information on IPC Reform is available at [www.cas.org](http://www.cas.org).

### 2007 CAS Catalog now available

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



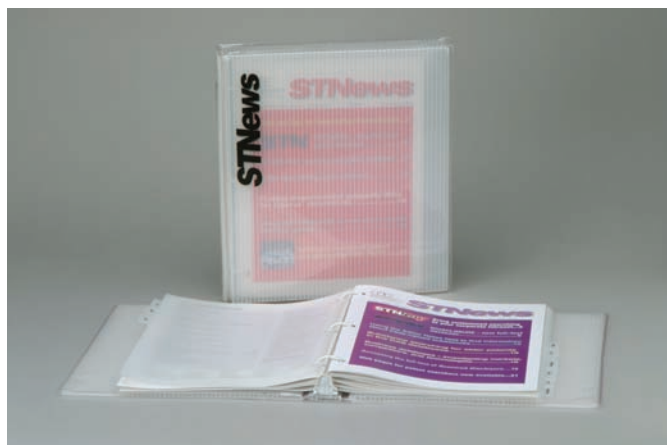
The 2007 CAS Catalog is available in hardcopy and also on CD.

Are you interested in receiving a free copy?

To receive a catalog in early 2007, contact CAS Customer Care at [help@cas.org](mailto:help@cas.org) and be sure to include your name and complete address with your request.

Or, use the STN User Documentation Order Form available with this issue of *STNews* or at [www.cas.org](http://www.cas.org).

### 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](mailto:help@cas.org). Be sure to include your name and complete address with your request.

### 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 in drawn structures no longer automatically revert to Chain.

The maintenance release should automatically prompt for upgrade upon the launch of STN Express (Version 8.0 or higher). If this does not occur, contact CAS Customer Care at [help@cas.org](mailto:help@cas.org).

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.

If you have an older version, please upgrade to Version 8.0 or higher.

For STN-Columbus customers with an STN login ID and password, STN Express with *Discover!*, Version 8.01c, is also available directly from the Web ([casweb.cas.org/stnexpress/html/english/login.html](http://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 at [www.cas.org](http://www.cas.org).

## 2007 CAS e-Seminars

3/27	1:00-2:00 p.m.	STN Case Study – Diagnostics and Instrumentation
3/29	1:00-2:30 p.m.	STN Continuing Education – Habits for Increasing Confidence in Search Results
4/12	9:00-10:00 a.m.	STN Case Study – Diagnostics and Instrumentation (rebroadcast)
4/24	1:00-2:00 p.m.	STN: Keeping Your Current Awareness Current
5/10	9:00-10:00 a.m.	STN: Keeping Your Current Awareness Current (rebroadcast)
5/29	1:00-2:00 p.m.	STN: Searching for Patent Prior Art Evidence of Obviousness
6/14	9:00-10:00 a.m.	STN: Searching for Patent Prior Art Evidence of Obviousness (rebroadcast)
6/26	1:00-2:00 p.m.	STN: Revisiting the Basics of Structure Searching
6/28	1:00-2:30 p.m.	STN Continuing Education – STN: What's New?
7/12	9:00-10:00 a.m.	STN: Revisiting the Basics of Structure Searching (rebroadcast)
7/31	1:00-2:00 p.m.	STN: Text-Based Techniques for Engineering Information
8/9	9:00-10:00 a.m.	STN: Text-Based Techniques for Engineering Information (rebroadcast)
8/28	1:00-2:00 p.m.	STN Case Study – Adhesives
9/13	9:00-10:00 a.m.	STN Case Study – Adhesives (rebroadcast)
9/25	1:00-2:00 p.m.	STN: Using Scripts and STN Tools to Make Searching Easier
9/27	1:00-2:30 p.m.	STN Continuing Education – STN: Post-Processing Tools in STN Express with <i>Discover!</i>
10/11	9:00-10:00 a.m.	STN: Using Scripts and STN Tools to Make Searching Easier (rebroadcast)
10/30	1:00-2:00 p.m.	STN: Improving Searches by Including Patent Classification Codes
11/8	9:00-10:00 a.m.	STN: Improving Searches by Including Patent Classification Codes (rebroadcast)
11/27	1:00-2:00 p.m.	STN Case Study – Finding Petroleum/Petrochemical Information
12/13	9:00-10:00 a.m.	STN Case Study – Finding Petroleum/Petrochemical Information (rebroadcast)
12/13	1:00-2:30 p.m.	STN Continuing Education – STN: What's New?
12/18	1:00-2:00 p.m.	STN Case Study – Approaches for Finding Biotech Prior Art

All times are U.S. Eastern Time.

For a description or to register, visit <https://casevents.webex.com/>.

## 2007 CAS Trade Shows

### ACS National Spring Meeting

Chicago, Illinois  
March 25-29

### International Conference on Business Incubation

Seattle, Washington  
April 1-4

### PIUG Annual Conference

Costa Mesa, California  
April 5-10

### BIO (Biotechnology Industry Organization Conference)

Boston, Massachusetts  
May 6-9

### Canadian Chemical Society Meeting

Winnipeg, MB, Canada  
May 26-30

### SLA Annual Conference

Denver, Colorado  
June 3 - 6

### MOBIUS Vendor Exhibits

Osage Beach, Missouri  
June 5-7

### BioPharma Opportunities China Pharma and Biotech Partnering and Outsourcing

Shanghai, China, June 12-15

### IExpo (Digital Information Exposition)

Paris, France  
June 14

### PATINFO 2007

Ilmenau, Germany  
June 14-15

### CPhI China (Convention on Pharmaceutical Ingredients)

Shanghai, China  
June 19-21

### Green Chemistry and Engineering Conference

Washington, D.C.  
June 25-27

### AALL (American Association of Law Libraries)

New Orleans, Louisiana  
July 9-10

### AACC Annual Meeting (American Association of Clinical Chemistry)

San Diego, California  
July 15-19

## 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: Creating Superior Document Sets for 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: Multifile Structure Searching for Patent Information
- 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
- STN: Maximizing Your STN Fixed Fee Plan
- STN: Multiple Methods of Keeping Current
- STN: Processing Sequence Data
- STN: Property Searching in CAS REGISTRY
- STN: Searching for Engineering Information
- STN: Strategies for Finding Novel Formulations
- STN: Text Searching in CAS REGISTRY
- STN: Using the Cambridge Scientific Abstracts (CSA) Files

## 2007 STN instructor-led seminars

### Chicago, IL

3/26 10:00 a.m.-11:00 a.m. STN User Update

3/27 11:30 a.m.-1:00 p.m. STN User Update

*Both seminars are offered in conjunction with the 233rd ACS National Meeting and Exposition.*

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

For descriptions or to register, visit [www.cas.org](http://www.cas.org).

## STNews

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

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STN Price List and STN User Documentation Order Form

*In case you missed it:*

## STNews Sep/Oct

- STN AnaVist—Visualizing results from a variety of databases
- DWPI reloaded and enhanced
- Take care when including hydrogen in G-groups
- STN aliases make searching more convenient
- Getting smart about SLART

## STNews Nov/Dec

- 2006—Year in Review
- Enhancements to Derwent World Patent Index®
- Structure searching for double bond stereochemistry
- HELP is at hand!
- LOGOFF HOLD duration extended to 120 minutes
- Free maintenance release of STN Express with *Discover!* (Version 8.01c) now available
- CAS Registry Number crossover limit increased

You can find it easily by searching the CAS web site at [www.cas.org](http://www.cas.org).

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