

# **STN<sup>®</sup>**

## **What's new on STN**

**Erfahrungsaustausch Patente 2009**

Basim Rahman

# Session Agenda

- STN-K database enhancements
- Software enhancements - STN Express 8.4

# STN-K database enhancements

- DWPI:
  - Japanese classifications: F- and FI Terms added + Thesaurus
- INPADOCDB/ INPAFAMDB
- Other Patent full text databases:
  - EPFULL
  - PATDPAFULL
  - GBFULL, FRFULL
- Patent biosequence databases
  - Exact sequence searching with RUN GETSEQ
  - USGENE
- Other STN News

# Japanese Patent Office (JPO) FI (/FCL) and F-Term (/FTERM) patent classification

- In-depth classification assigned by the JPO to Japanese patent publications
- File Index (FI) codes have a similar structure to IPCs, but often have more detailed subdivisions
- File Forming (F) Terms are used to index the various technical fields within an invention, not just the main inventive feature (indexed by IPC)
- FI and F-Term classifications are searchable in DWPI back to 1966

Browse JPO FI and F-Term definitions at:

[www5.ipdl.inpit.go.jp/pmgs1/pmgs1/pmgs\\_E/](http://www5.ipdl.inpit.go.jp/pmgs1/pmgs1/pmgs_E/)

# Japanese FI codes and F-Terms have been added to DWPI

- Japanese patents from 1966 to 2008 have been equipped with the current Japanese classification data in DWPI
  - **FI codes (File Index Codes):** Use the entire term in STN standard format with display field /FCL (File Index Code)
    - e.g., B29C0063-00/FCL  
B29C0063/00/FCL
  - **F-Terms (File-Forming Term Codes):** Use the entire term including separators with field codes /FTERM or /FTRM
    - e.g., 4F211/AD05/FTRM  
4F211/AD05/FTERM
- Current Awareness Searches (SDIs) will not be affected by these enhancements

For FI codes, slashes in the codes will automatically be converted to a hyphen.

For F-Terms, slashes **MUST** be used during a search.

# Example: extending an IPC search with FI classes (/FCL) to identify additional answers

=> S B29C0065-02/FCL NOT B29C0065-02/IPC

L1 81 B29C0065-02/FCL NOT B29C0065-02/IPC

=> D BIB IPC FCL

**B29C0065-02** = joining of preformed parts using heating.

L1 ANSWER 1 OF 81 WPINDEX COPYRIGHT 2009

AN 2003-150841 [15] WPINDEX

TI Adhesion laminate for fuel hose, has fluorine resin layer containing specific amount of vinylidene fluoride and thermoplastic resin layer containing specific amount of end amino groups

DC A88; P73; Q67; X16

IN IIO S; ITO H

PA (TOKG-C) TOKAI RUBBER IND LTD

PIA JP 2002210892 A 20020731 (200315)\* JA

ADT JP 2002210892 A JP 2001-4558 20010112

PRAI JP 2001-4558 20010112

IPCR B32B0001-00 [I,C]; B32B0001-08 [I,A]; B32B0027-30 [I,A]; B32B0027-30 [I,C]; C08K0003-00 [I,A]; C08K0003-00 [I,C]; C08L0027-00 [I,C]; C08L0027-12 [I,A]; F16L0011-04 [I,A]; F16L0011-04 [I,C]

FCL **B29C0065-02**; B32B0001-08 B; B32B0027-30 D; B65D0085-57 E; C08K0003-00; C08L0027-12; F16L0011-04; F16L0011-04 (ZNM)

An FI-Term search will often add additional relevant answers to an IPC search.

# Japan FI and F-Term thesaurus available in DWPI

- Thesaurus is attached to the /FTERM field and allows the definitions of F-Term codes to be viewed in their respective hierarchy
- The relationships can also be employed to facilitate searching
- The definitions of the codes have also been parsed and added to the thesaurus to allow for identifying appropriate codes for a certain topic

# Japan FI and F-Term thesaurus available in DWPI

- Hierarchies of terms in the thesaurus can be displayed using the EXPAND command followed by a plus symbol (+), a Relationship Code and /FTERM
  - e.g., E 2B002/AA09+TI/FTERM
- To use the thesaurus to automatically include additional Narrower, Broader, Related, and other terms in a search, the SEARCH command should be entered with a term followed by a plus symbol (+), a Relationship Code, and /FTERM,
  - e.g., S 2B002/AA09+NT/FTERM

# STN-K database enhancements

- DWPI:
  - Enhanced Asian coverage
  - Japanese classifications: F- and FI Terms + Thesaurus added
- **INPADOCDB/ INPAFAMDB**
- Other STN Patent Fulltext Files:
  - EPFULL
  - PATDPAFULL
  - GBFULL, FRFULL
- Patent biosequence databases
  - Exact sequence searching with RUN GETSEQ
  - USGENE
- Other STN News

# INPAFAMDB/INPADOCDB

- Bibliographic and patent family information for more than **90 patent authorities** from the **mid-1800's**
- Applicant abstracts for about 50 patent authorities
- Classification codes include reformed IPC, ECLA, ICO, NCL, and IDT
- Legal status for 51 patent authorities from 1978
- Cited references from 21 patent authorities
- More than 70 million documents / 36 million patent families
- Updated weekly

# INPAFAMDB/INPADOCDB

- Improved coverage for Latin and South America

Argentina

Brazil

Chile

Columbia

Costa Rica

Cuba

Dominican Republic

Ecuador

Guatemala

Mexico

Nicaragua

Panama

Peru

El Salvador

Trinidad and Tobago

Uruguay

# New **Chinese Legal Status** in INPADOCDB/ INPAFAMDB

- Legal status data for 2009 have been loaded since week 2009/18 and the 2009 updates will continue to appear in the two databases on a quarterly basis
- Back-file data will be loaded in the next few weeks, going back to October 1985. Completion of the back-file uploads is scheduled for week 2009/25
- Definitions in English for the Chinese legal status codes can be viewed using the EXPAND command on field /LSC (Legal Status Code)
- FIZ Karlsruhe Editorial continuously classifies the Chinese legal status data into the simplified legal status categories (field /LSC2)

# New **Russian Legal Status** in INPAFAMDB/ INPADOCDB

- From week 2009/29 onwards, legal status data for Russian patents and utility models are included in INPAFAMDB and INPADOCDB
- Only front file data is available and the upload of this data will commence with the notifications of the Russian Patent Bulletin of April 10, 2009
- Patent and utility models from the former Soviet Union that were valid (or are still valid) in Russia will also be included
- We expect three deliveries per month
- Please use the EXPAND command to see which codes are available: => E RU/LSC

# STN-K database enhancements

- **DWPI:**
  - Japanese classifications: F- and FI Terms + Thesaurus added
- INPADOCDB/ INPAFAMDB
- **Other STN Patent Fulltext Files:**
  - EPFULL
  - PATDPAFULL
  - GBFULL, FRFULL
- Patent biosequence databases
  - Exact sequence searching with RUN GETSEQ
  - USGENE
- Other STN News

# EPFULL enhanced with English abstracts

- Comprehensiveness of English language prior art searches in EPPFULL has improved significantly
  - Patent applications filed before 2003 include titles in all three languages and abstracts in the language of the publication only
  - Now, approximately 260,000 English patent application abstracts have been added to European Patents Full Text (EPPFULL) to supplement existing pre-2003 patent application abstracts in German and French
- SLART (Simultaneous Left and Right Truncation) available in 5 fields: BI, TI, AB, CLM, MCLM

# First Page Images and Applicant Citations added to EPFULL

- **First page images** from European patent applications
  - In TIF format
  - Display format GI
  - Predefined in STDG, ALLG and MAXG
- **References cited by the applicant** in the description of European patent applications or granted European patents
  - **Patents (REPA)** and **non-patent literature (RENA)**

# First Page Images and Applicant Citations added to EPFULL (cont.)

AN 2004:82511 EPFULL EDP 20050330 ED 20070613 UP 20090408  
DUPD 20090408 DUPW 200915

TIEN OPTICAL METHOD AND DEVICE FOR TEXTURE QUANTIFICATION OF PHOTOVOLTAIC  
CELLS.

TIFR PROCEDE ET DISPOSITIF OPTIQUE DE QUANTIFICATION DE LA TEXTURE DE  
CELLULES PHOTOVOLTAIQUES.

TIDE OPTISCHES VERFAHREN UND EINRICHTUNG ZUR TEXTURQUANTIFIZIERUNG  
PHOTOVOLTAISCHER ZELLEN.

IN ZALDO LUEZAS, Carlos Enrique, INSTITUTO DE CIENCIAS DE MATERIALES  
(CSIC), E-28049 Madrid, ES;  
. . . .  
PA CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS, Serrano, 117, 28006  
Madrid, ES

PAN 1069280

AG Ungria Lopez, Javier, et al, Avda. Ramon y Cajal, 78, 28043 Madrid, ES

AGN 54171

DT Patent

LAF Spanish

LA English

LAP English

TL German; English; French

PIT EPB1 Granted patent

PI EP 1662227 B1 20070613  
WO 2005008175 20050127

DS AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO  
SE SI SK TR

AI EP 2004-742088 A 20040714  
WO 2004-ES70050 A 20040714

PRAI ES 2003-1666 A 20030715

Titles in three languages

LAF = Language First (priority)

# First Page Images and Applicant Citations added to EPFULL (cont.)

REP WO 9825131 A1 (INID56)  
 WO 2002079760 A2 (INID56)  
 WO 2003054475 A2 (INID56)

REN (1) PARRETTA, A. ET AL.: 'Angle-dependent reflectance measurements on photovoltaic materials and solar cells' OPTICS COMMUNICATIONS volume 172, number 1-6, 15 December 1999, pages 339 - 151, XP004333653 (INID56)  
 (2) PARRETTA, A. ET AL.: 'A new approach to the analysis of light collected by textured silicon surfaces' 3RD WORLD CONFERENCE ON PHOTOVOLTAIC ENERGY CONVERSION volume 1, 11 May 2003 - 18 May 2003, OSAKA, pages 122 - 125, XP002997350 (INID56)

RECA 12. THERE ARE 12 CITED AUTHOR REFERENCE AVAILABLE FOR THIS RECORD. ALL CITATION

IPCI G01B0011-30 [I,A ]; G01N0021-49  
 G01B0011-30 [I,C\*]; G01N0021-47

REP WO 9825131 A1 (INID56)  
 WO 2002079760 A2 (INID56)  
 WO 2003054475 A2 (INID56)

REN (1) PARRETTA, A. ET AL.: 'Angle-dependent reflectance measurements on photovoltaic materials and solar cells' OPTICS COMMUNICATIONS volume 172, number 1-6, 15 December 1999, pages 339 - 151, XP004333653 (INID56)  
 (2) PARRETTA, A. ET AL.: 'A new approach to the analysis of light collected by textured silicon surfaces' 3RD WORLD CONFERENCE ON PHOTOVOLTAIC ENERGY CONVERSION volume 1, 11 May 2003 - 18 May 2003, OSAKA, pages 122 - 125, XP002997350 (INID56)

REPA US 6451218 B (APP) [0011]  
 US 4137123 A (APP) [0011]

RENA (1) K. FUKUI, Y. OKADA, H. INOMATA, S. SHIRASAWA, Surface and bulk-passivated silicon solar cells, Solar Energy Mater volume 48, pages 219-228 (APP) [0011]  
 (2) W.A. NOSITSCHKA, C. BENEKING, O. VO

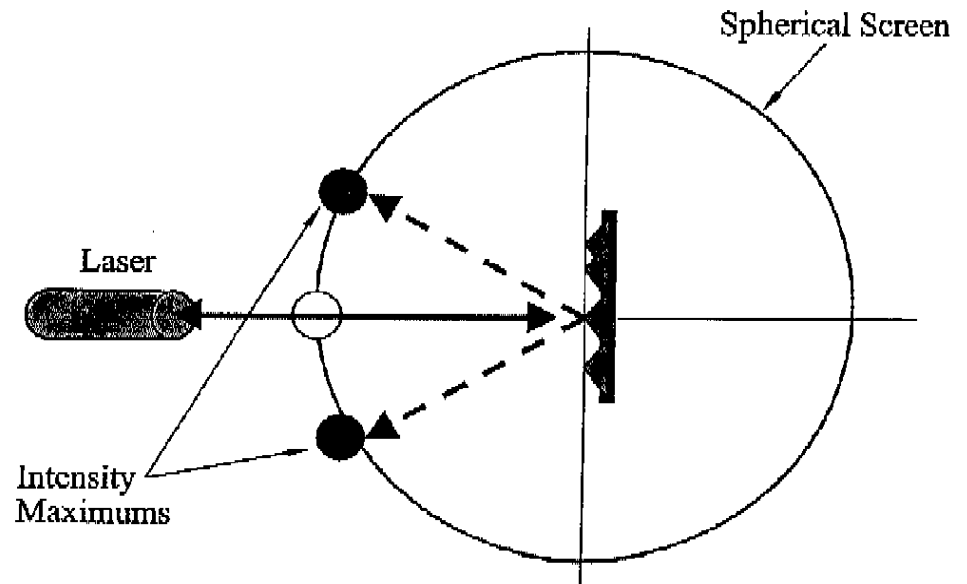


FIG. 3b

# PATDPAFULL enhancements

- The **PATDPAFULL** file was enhanced by simultaneous left and right truncation (**SLART**).
- **SLART** has been added for the fields:
  - Title (TI)
  - Abstract (AB)
  - Main Claim (MCLM)
- **SLART** is also available in the **Basic Index (BI)** and **claims (CLM)** field.

For information on **SLART** enter **HELP TRUNCATION** or **HELP SFIELDS** at an arrow prompt (=>) in the database.

# Extension of patent full-text files

- **EPFULL** backfile extension completes the EP coverage
  - Addition of OCR full text data for early applications and grants: Full text for **applications 1978-1986** and for **grants 1980 – 1990**



- **GBFULL** backfile and subtype extension
  - Granted patents and applications back to 1840

- **FRFULL** backfile and subtype extension
  - Granted patents and applications back to 1900



# GBFULL now offers single source for full-text coverage of complete UK patent families

- GBFULL has been enhanced to include both the **patent applications** and the corresponding **granted patents** as **one database record**
- To display the complete information for a database record, use display formats appended with **.M** (e.g., **BIB.M**, **ALL.M**).
  - Records contain bibliographic data and full text for the descriptions and claims

level 1 GB - A
level 2 GB - B

# General Overview

	EPFULL	PCTFULL	USPAT ALL	PATDPA FULL	FRFULL	GBFULL	RDISCLO SURE	IFIPAT
<b>Coverage</b>	1978- EPA, EPB	1978- WOA	1790- 1975- 2001-	1987- DEA, DEB, DEC, DET, DEU	1900- FRA	1840- GBA, <b>GBB</b> , <b>GBC</b>	1960-	1950- USA, USP
<b>Language</b>	EN, FR, DE	DE, EN, ES FR	EN	DE, EN	FR, EN	EN	DE, EN, FR, SV	EN
<b>SLART</b>	BI, CLM, <b>TI, AB</b> , <b>MCLM</b>	BI	BI, AB, TI CLM, ECLM	<b>BI, TI, AB</b> , <b>CLM</b> , <b>MCLM</b>	BI	BI	BI, TI	BI
<b>Images</b>	<b>Yes</b>	Yes	(OLD) No Yes	No	Yes	Yes	Yes	No
<b>CAS index.</b>	No	No	Yes	No	No	No	No	Yes (chem.)
<b>LS / FAM</b>	LS search LS / FAM Disp	LS / FAM Disp	No	LS / FAM Disp	LS / FAM Disp	LS / FAM Disp	No	LS search (IFICLS)
<b>Classif.</b>	IPC	IPC	NCL, IPC	IPC	IPC	IPC	IPC, ECLA	IPC, NCL

# STN-K database enhancements

- DWPI:
  - Japanese classifications: F- and FI Terms + Thesaurus added
- INPADOCDB/INPAFAMDB
- Other Patent full text databases:
  - EPFULL
  - PATDPAFULL
  - GBFULL, FRFULL
- Patent biosequence databases
  - Exact sequence searching with RUN GETSEQ
  - USGENE
- Other STN News

# Enhancements for exact sequence searching with RUN GETSEQ in DGENE, USGENE and PCTGEN

The **answer number limit** for a **GETSEQ** search (Sequence Code Match SCM) **increased to 250.000 answers** in the three bio-sequence files DGENE, USGENE and PCTGEN

- For answer sets comprising between 25.000 and 250.000 answers now multiple L-numbers each containing 25.000 hit sequences will be created. The resulting L-numbers then need to be merged manually via the SEARCH command generating the complete answer set with up to 250.000 answers. Subsequently, the complete answer set may be refined with text and/or date terms if desired.

# Enhancements for exact sequence searching with RUN GETSEQ in DGENE, USGENE and PCTGEN

An adapted **free-of-charge HIT (syn. ALIGN)** display format allows for a **cost effective review of GETSEQ answers**

- The **HIT (ALIGN)** format contains the part of the hit sequence with the **matching residues** which are **highlighted with double underlining**. The information "**HITS AT:**" will give the residue number of the start and end points of the matching part of the hit sequence. If multiple matching parts are found in one sequence the HIT (ALIGN) display will only show the first appearance of a matching part within the sequence plus the residue numbers plus the residue numbers of the start and end points of all matching parts of the hit sequence. To display the complete hit sequence with all matching parts highlighted with double underlining plus all "HITS AT" the **SEQ display format** must be used.

# Enhancements for exact sequence searching with RUN GETSEQ in DGENE, USGENE and PCTGEN

=> **FIL DGENE**

=> **RUN GETSEQ ARG/SQSP**

Number of answers 236861 will create 10 Answer Sets

L1 RUN STATEMENT CREATED

L1 25000 ARG/SQSP

L2 RUN STATEMENT CREATED

L2 25000 ARG/SQSP

L3 RUN STATEMENT CREATED

L3 25000 ARG/SQSP

L4 RUN STATEMENT CREATED

L4 25000 ARG/SQSP

L5 RUN STATEMENT CREATED

L5 25000 ARG/SQSP

L6 RUN STATEMENT CREATED

L6 25000 ARG/SQSP

L7 RUN STATEMENT CREATED

L7 25000 ARG/SQSP

L8 RUN STATEMENT CREATED

L8 25000 ARG/SQSP

L9 RUN STATEMENT CREATED

L9 25000 ARG/SQSP

L10 RUN STATEMENT CREATED

L10 11861 ARG/SQSP

=> **S L1-L10**

L11 236861 (L1 OR L2 OR L3 OR L4 OR L5 OR L6 OR L7 OR L8 OR L9 OR L10)

For answer sets >25.000 hits, multiple L-numbers with 25.000 answers each will be generated.

The resulting L-numbers are manually merged using the SEARCH command to retrieve the complete answer set with all hit sequences.

# Enhancements for exact sequence searching with RUN GETSEQ in DGENE, USGENE and PCTGEN

=> D HIT

L11 ANSWER 1 OF 236861 DGENE COPYRIGHT 2009 TH  
SEQ

arg

===

HITS AT: 442-444

A free-of-charge HIT display format allows for cost effective review of answers. The HIT display format contains **only the first matching part**.

In this example only one matching part exists.

=> D SEQ

L11 ANSWER 1 OF 236861 DGENE COPYRIGHT 2009 TH  
SEQ

1 mlgklsflsa lslavaapls nstsakydyi vigggtst  
51 vnlileagg svwnnpnvtv vadyglafgs didwqyqsvn qpyggnlsqv  
101 lragkalggt stingmaytr aedvqidawe tigtgtgwtwk nlfpyyrkse  
151 nftvptksqt slgasyeaga hghegpldva ftqiesnnlt tylnrftqgm  
201 glpwtedvng gkmrgfnlyp stvnleeyvr edaarayywp yksrpnlhvl  
251 lntfanrivw dgeahdghit asgveitsrn gtvrvinaek evivsagalk  
301 spaillelsgi gnpsvldkhn ipvkvnlpv genlqdqvns hmdasgntsi  
351 sgtkavsypd vydvfgdeae svakqiranl kqyaadtaka ngnimkaadl  
401 erlfevqydl ifkgrvpiae vlnyppsats vfaefwallp fargsvhigs

===

451 snpaefpvin pnyfmlwda ksyvavakyi rrsfesypis sivkestpgy  
501 dviprnaseq swkewvfdkn yrsnfhpvgt aamppreigg vderlnvyg  
551 ttnvrsvdas vlpfqcghl vstlyavaer aadlikadag rr

HITS AT: 442-444

To display the complete hit sequence with all matching parts highlighted with double underlining plus all "HITS AT" the **SEQ display format** must be used.

# Enhancements for exact sequence searching with RUN GETSEQ in DGENE, USGENE and PCTGEN

```
=> S L11 AND CLAIM?/PSL AND UROPATHIC/KW AND PY>2008
```

```
342021 UROPATHIC/KW
```

```
430318 PY>2008
```

```
(PY>2008)
```

```
L12 211 L11 AND CLAIM?/PSL AND UROPATHIC/KW AND PY>2008
```

The complete GETSEQ answer set may be refined with text and/or date terms if desired using the search fields available in the files.

```
=> D TRIAL ALIGN
```

```
L12 ANSWER 1 OF 211 DGENE COPYRIGHT 2009 THOMSON REUTERS
```

```
AN AXD39605 protein DGENE
```

```
TI Degrading zearalenone in a feed product e.g. corn, wheat, rice, sorghum  
involves treating the feed product with a cutinase.
```

```
DESC Humicola insolens cutinase mature protein mutant R189V.
```

```
KW feedstuff; degradation; animal breeding; infertility; antiinfertility;  
uropathic; abortion; gynecological; cutinase; mutein.
```

```
SQL 194
```

```
SEQ
```

```
arg
```

```
===
```

```
HITS AT: 25-27; 180-182
```

After the refinement the ALIGN display format may be used, which is synonymous to HIT after a GETSEQ search.

The resulting hit sequences after a GETSEQ search are not relevance sorted and cannot be sorted according to a score value (as known from the similarity options of BLAST and GETSIM).

# Enhancements for exact sequence searching with RUN GETSEQ in DGENE, USGENE and PCTGEN

=> FSORT L12

```
L13          211 FSO L12

                26 Multi-record Families      Answers 1-194
                  Family 1                    Answers 1-9
                  Family 2                    Answers 10-14
                  .
                  .
                  .

                  Family 26                  Answers 176-194
17 Individual Records      Answers 195-211
0 Non-patent Records
```

=> D PFAM=1- 1 TRIAL ALIGN

```
L13 ANSWER 1 OF 211 DGENE COPYRIGHT 2009 THOMSON REUTERS on STN FAMILY      1
AN  AXD39605 protein          DGENE
TI  Degrading zearalenone in a feed product e.g. corn, wheat, rice, sorghum
    involves treating the feed product with a cutinase.
DESC Humicola insolens cutinase mature protein mutant R189V.
KW  feedstuff; degradation; animal breeding; infertility; antiinfertility;
    uropathic; abortion; gynecological; cutinase; mutein.
SQL  194
SEQ

    arg
    ===
HITS AT:  25-27; 180-182
```

# USGENE enhancements

- Patent family and legal status displays
- Patent Sequence Location (/PSL)
- Priority application info (/PRAI)
- U.S. related application info (/RLI)
- Calculated patent expiration date (/XPD)
- Patent term adjustment info (/NTE, /PTA)
- Concise, one-line Sequence Description (/DESC)

# Patent family and Legal Status information now displayable in USGENE

- Available since mid-February 2009
- Patent family information from INPADOCDB
  - FAM format – provides all publication, application and priority numbers, and dates in tabular format
  - CFAM format – provides simple table of all publication numbers and dates
- Legal Status information from INPADOCDB
  - LS format – standard legal status display for INPADOCDB
  - LS2 format – same info as LS but also displays field headers

# Patent family and Legal Status information available in USGENE

=> FILE USGENE

FILE 'USGENE' ENTERED AT 17:07:17 ON 25 FEB 2009

COPYRIGHT (C) 2009 SEQUENCEBASE CORP

FILE LAST UPDATED: 20 FEB 2009 <20090220/UP>

MOST RECENT PUBLICATION DATE: 19 FEB 2009 <20090219/PD>

>>> SIMULTANEOUS LEFT AND RIGHT TRUNCATION (SLART) IS AVAILABLE  
IN THE BASIC INDEX (/BI) AND FEATURE TABLE (/FEAT) FIELDS <<<

>>> DOWNLOAD THE USGENE WORKSHOP MANUAL:

[http://www.stn-international.com/USGENE\\_workshop\\_manual.html](http://www.stn-international.com/USGENE_workshop_manual.html)

...

>>> Patent sequence location (PSL) data added --- SEE NEWS <<<

>>> Patent family and legal status display data from INPADOCDB  
available now --- SEE NEWS <<<

FILE COVERS 1982 TO DATE

=> S US2009004109/PN

L1 103 US2009004109/PN

(US20090004109/PN) 32

# Patent family and Legal Status information available in USGENE (cont.)

## => D BRIEF FAM LS

L1 ANSWER 1 OF 103 USGENE COPYRIGHT 2009 SEQUENCEBASE CORP on STN  
AN 20090004109.103 Protein USGENE <<LOGINID::20090225>>  
TI Antibodies and Molecules Derived Therefrom that Bind to Steap-1 Proteins  
(PublishedApplication)  
IN Jacobovits Aya (Beverly Hills, CA); Etessami Soudabeh (Tarzana, CA);  
Challita-Eid Pia M. (Encino, CA); Perez-Villar Juan J. (Los Angeles, CA);  
Morrison Karen J. (Santa Monica, CA); Jia Xiao-Chi (Los Angeles, CA);  
Faris Mary (Los Angeles, CA); Gudas Jean (Pacific Palisades, CA); Raitano  
Arthur B. (Los Angeles, CA)  
PA AGENSYS INC (Santa Monica CA)  
PI US 20090004109 A1 20090101  
AI US 2004-587197 20040422  
RLI WO 2004-US12625 20040422  
PSL SEQ ID NO 103  
DT Patent  
AB Antibodies and molecules derived there from that bind to novel STEAP-1  
...  
STEAP-1 can be used in active or passive immunization.  
ECLM US20090004109 A1: 1. An antibody or fragment thereof comprising an  
antigen binding site that binds specifically to STEAP-1 protein (SEQ ID  
NO:3).  
SSO PROTEIN; USPTO; APPLICATION  
ORGN Homo Sapiens  
SQL 29  
SEQ  
1 dkwmltrkqf gllslffavl haiyslsyp 33

20090004109.103 is displayed  
here in **BRIEF** format.

# Patent family information available in USGENE

PATENT FAMILY INFORMATION INPADOCDB

COPYRIGHT 2009 EPO / FIZ KARLSRUHE on STN

AN 20090004109.103 USGENE

+-----PRAI-----+  
 WO 2004-US12625 W 20040422

+-----AI-----+  
 AU 2004-319915 A 20040422  
 BR 2004-18766 A 20040422  
 CA 2004-2563735 A 20040422  
 EP 2004-750565 A 20040422  
 JP 2007-509439 T 20040422  
 MX 2006-12187 A 20061020  
 US 2004-587197 A 20040422  
 WO 2004-US12625 W 20040422

+-----AI-----+  
 AU 2004-319915 A 20040422  
 BR 2004-18766 A 20040422  
 CA 2004-2563735 A 20040422  
 EP 2004-750565 A 20040422  
  
 JP 2007-509439 T 20040422  
 MX 2006-12187 A 20061020  
 US 2004-587197 A 20040422  
 WO 2004-US12625 W 20040422

+-----PI-----+  
 AU 2004319915 A1 20051201  
 BR 2004018766 A 20071009  
 CA 2563735 A1 20051201  
 EP 1742966 A2 20070117  
 EP 1742966 A4 20080402  
 JP 2008509880 T 20080403  
 MX 2006012187 A 20070328

1 priority, 8 applications, 10 publications

US 20090004109.103 is displayed here in  
 WO **FAM** format, which includes the Patent  
 WO Family information from INPADOCDB.

# Legal Status information available in USGENE

```
L1      ANSWER 1 OF 103  USGENE COPYRIGHT 2009 SEQUENCEBASE CORP on STN

LEGAL STATUS  INPADOCDB  COPYRIGHT 2009      EPO / FIZ KARLSRUHE on STN
AN      20090004109.103      USGENE
20040422 WOWA      PRI PCT application claimed from national procedure
                        WO 2004-US12625      WA 20040422
                        .....20090115
20040422 USA      APP Patent application
                        US 2004-587197      A 20040422
                        .....20090115
20090101 USA1     PUB FIRST PUBLISHED PATENT APPLICATION [FROM 2001
ONWARDS]
                        US 20090004109      A1 20090101
                        200903.....20090115
```

20090004109.103 is displayed here in **LS** format, which includes the Legal Status information from INPADOCDB.

# USGENE now provides Patent Sequence Location (/PSL)

- /PSL includes
  - Sequence identity number
  - If claimed, the corresponding claim number
- Easily identify claimed sequences
- Available from update date of June 2007

# USGENE now provides Patent Sequence Location (PSL) (cont.)

```
L1 ANSWER 6 OF 43451 USGENE COPYRIGHT 2009 SEQUENCEBASE CORP on STN
AN 7482426.2 protein USGENE
TI C23 Polypeptides (Patent)
IN Franz-Bacon Karin (San Diego, CA); Gorman Daniel M. (Newark, CA);
McClanahan Terrill K. (Sunnyvale, CA)
PA Schering Corporation (Kenilworth NJ)
PI US 7482426 B2 20090127
US 20030092123 A1 20030515
AI US 2002-246983 20020918
PSL Claim 1; SEQ ID NO 2
DT Patent
AB Nucleic acids encoding a new family of small cysteine rich soluble
proteins, from a mammal, reagents related thereto, including specific
antibodies, and purified proteins are described. Methods of using
said reagents and related diagnostic kits are also provided.
ECLM US7482426 B2: 1. An isolated polypeptide comprising the sequence of
residues 1 to 90 of SEQ ID NO: 2.
SSO PROTEIN; USPTO; GRANTED
ORGN Not provided
SQL 108
SEQ
1 mkalcllllp vlgllvsskt lcsmeeaime
51 cqsvtsergdl atcprgfavt gctcgsacgs wavraettcn cqcagmawtg
101 arccrvqp
```

7482426.2 is displayed here in **BRIEF** format, which includes the Patent Sequence Location (PSL).

# USGENE now provides additional fields

```
L4 ANSWER 1 OF 233259 USGENE COPYRIGHT 2009 SEQUENCEBASE CORP on STN
AN 7582476.10 Protein USGENE
TI Artificial cell comprising mutant estrogen receptor (Patent)
IN Saito Koichi (Takarazuka, JP); Ohe Norihisa (Nara, JP); Satoh Hideo
   (Ibaraki, JP)
PA Sumitomo Chemical Company Limited (Osaka JP)
PI US 7582476 B2 20090901
   US 20030207380 A1 20031106
   WO 2001042307 A 20010614
AI US 2000-148835 20001201
RLI WO 2000-JP8553 20001201
PRAI JP 2000-235460 20000803
     JP 2000-235461 20000803
     JP 2000-235463 20000803
     JP 2000-234053 20000802
     JP 2000-220508 20000721
     JP 2000-207011 20000707
     JP 1999-370667 19991227
     JP 1999-348022 19991207
XPD 20201201 (calculated)
NTE Subject to any Disclaimer, the term of this
     adjusted under 35 USC 154(b) by 603 days.
PSL SEQ ID NO 10
DESC Homo Sapiens Protein; sequence 10 of 213
DT Patent
```

7582476.10 is displayed here in **BIB** format, which includes U.S. related application info (RLI), priority application info (PRAI), calculated patent expiration date (XPD), patent term adjustment info (NTE, PTA), and sequence description (DESC).

# STN-K database enhancements

- DWPI:
  - Japanese classifications: F- and FI Terms + Thesaurus added
- INPADOCDB/INPAFAMDB
- Other Patent full text databases:
  - EPFULL
  - PATDPAFULL
  - GBFULL, FRFULL
- Patent biosequence databases
  - Exact sequence searching with RUN GETSEQ
  - USGENE
- Other STN News

# Other STN News

- Time limit for inactive STN sessions has doubled from 20 min to 40 min
- USGENE is available as inhouse version via FIZ Karlsruhe
- Two new SET commands are available to increase convenience of STN searching

# Two new SET commands increase convenience of STN searching

- **SET SPELLINGS**
  - Search will include spelling variations of certain terms ([American and non-American spellings](#))  
Example: *sulfur* or *sulphur* and *aluminum* or *aluminium*)
  - Common alternate terms will be automatically added to the search strategy
- **SET LHISTORY**
  - Automatically provide a [complete session history at logoff](#) (LOG Y and LOG H), including the STN databases searched complete with time and date stamps
- For more information about the SET SPELLINGS or the SET LHISTORY commands, enter HELP SET SPELLINGS or HELP SET LHISTORY at the arrow prompt in STN



# Example: SET LHISTORY ON

```
=> SET LHISTORY ON PERM
```

```
=> LOG Y
```

```
(FILE 'HOME' ENTERED AT 16:24:59 ON 07 APR 2009)
```

```
SET SPELLINGS OFF
```

```
FILE 'INPADOCDB' ENTERED AT 16:26:00 ON 07 APR 2009
```

```
L1      76456 SEA FILE=INPADOCDB PLU=ON COLOUR
```

```
SET SPELLINGS ON PERM
```

```
L2      342383 SEA FILE=INPADOCDB SPE=ON PLU=ON COLOUR
```

```
L3      28094 SEA FILE=INPADOCDB SPE=ON PLU=ON WINDSCREEN
```

```
FILE 'STNGUIDE' ENTERED AT 16:27:30 ON 07 APR 2009
```

```
FILE 'WPIX' ENTERED AT 16:34:40 ON 07 APR 2009
```

```
L4      2471 SEA FILE=WPIX SPE=ON PLU=ON LASER CUTTING/BI,BIEX AND  
GI/FA
```

```
D BRIEFG
```

```
SET LHISTORY ON PERM
```

# Session Agenda

- STN-K database enhancements
- Software enhancements - STN Express 8.4

# STN Express Version 8.4 was released on May 8<sup>th</sup> 2009

## The goals of the STN Express 8.4 release were to:

- Increase efficiency of searching and post-processing
- Support more effective communication of results with others
- Add power to advanced search capabilities

# STN Express 8.4 offers a number of enhancements to increase efficiency of searching and post-processing

- Speed of image downloads increased
- New Patent Family Manager makes working with patent families easier
- Usability enhancements made to table and report creation process
- Preview option added to custom table and report creation

# Speed of image downloads increased

STN Online and Results

File Edit Online Query Results Preferences! Web Window Help

STN-K

illustrating the **laser cutting** process of optical fiber.  
Optical fiber (1)

image006.tif

Bytes: 9857

Total Bytes: 9857

Cancel

L1 ANSWER 3 OF 2650 WPIX COPYRIGHT 2009 THOMSON REUTERS on STN  
AN 2009-L93614 [50] WPIX  
TI Light path device of digital control **laser cutting** machine has  
controller provided to regulate the operation of the aplanatism device  
DC M23; P55; P81; V07; X24; X25; X26  
PA (JIAN-N) JIANGSU YANGLI NUMERICAL CONTROL MACHINE  
/ BINARY DATA / IMAGE006.TIF  
AB CN 201271786 Y UPAB: 20090806  
NOVELTY - A light path device has controller provided to regulate the  
operation of the aplanatism device. The aplanatism device comprises  
dolly driven by the a servo motor, and is equipped with at least one  
compensation reflection mirror. The servo motor is connected to the  
controller. The compensation reflection mirror is set in a state on  
transmitting light path.  
USE - Light path device of digital control **laser cutting** machine.  
ADVANTAGE - Ensures that the lengths of the **laser cutting**  
device to the cutting head are precisely accordance.  
DESCRIPTION OF DRAWINGS - The drawing shows the schematic diagram  
of the light path device.

START LOCAL KERMIT RECEIVE PROCESS

WPIX INS Hold Off Print Off Online 00:02:34

Screenshot from a  
D BRIEFG in WPIX  
(STN Express 8.3)

In STN Express 8.4  
graphic downloads via  
a "Local Kermit  
Receive Process"  
don't exist no  
longer => increased  
graphic download  
speed!

# Speed of image downloads increased

The screenshot shows the STN Express 8.4 software interface. The main toolbar includes buttons for V8.4, Setup, Logon, BLAST®, STN® Viewer, STN® AnaVist, Prepare Query, Browse Document, Print Transcript, Table Tool, R<sub>n</sub> group Analysis, Custom Report, Predefined Report, and Edit Transcript. The 'Prefs' button is highlighted with a red box, and a red arrow points to a dropdown menu with the following options: 'general...', 'STN Online and Results...', 'Structure Drawing...', and 'Cancel'. The 'STN Online and Results...' option is also highlighted with a red box. A red arrow points from this option to the 'Online' tab in the Preferences dialog box. The Preferences dialog box has tabs for Account, Postprocessing, Online, Colors/Fonts/Scaling, Links, Layout, Discover!, and BLAST®. The 'Online' tab is selected and highlighted with a red box. The 'Use KERMIT to DISPLAY images.' checkbox is highlighted with a red box and is currently unchecked. Other settings in the 'Online' tab include 'Continuous scrolling' (checked), 'Modifiable queries' (unchecked), 'Use filters' (checked), 'Enable idle time warning' (checked), 'Reduce CPU usage when Online' (checked), 'Display international characters' (checked), 'Autoload command history into Command Window' (checked), 'Do not make uploaded structure queries "Read Only"' (checked), 'Do not create a file with structure query attributes' (unchecked), 'Highlight CA Lexicon terms on command line' (checked), 'Wavy underlines' (radio button), 'Yellow boxes' (radio button), 'Create and update personal dictionary' (checked), 'Log packets' (unchecked), 'Long packets' (checked, value 4000), 'Clear Dictionary' button, and 'Options' button. The 'OK' and 'Cancel' buttons are at the bottom of the dialog box.

In the case that the STN Express 8.4 graphic download should not work, you can easily reset the settings.

# New Patent Family Manager makes working with patent families easier...

The screenshot displays the STN Online and Results interface. The main window shows a list of patent results with columns for DETN, CLMN, L3, FA, TIEN, TIFR, and DETN/CLMN. A yellow box highlights the text "553 answers have been retrieved." in the first result entry.

The Patent Family Manager Wizard dialog box is open, showing the following options:

- Extract the first member from each patent family (limit of 5,000 answers)
  - Include non-patent answers in result set.
- Customize display of patent family results
  - Display format for first member of each patent family:   
Examples: bib abs, li an
  - Display format for additional members of each patent family:   
Examples: bib abs, li an
  - Insert a page break between each patent family display

The wizard has buttons for "< Back", "Display", and "Finish". A red arrow points from the "Patent Family Manager" button in the Select Discover! Wizard dialog box to the "Display" button in the Patent Family Manager Wizard dialog box.

The Select Discover! Wizard dialog box is also open, showing a search history table:

Search history	
L1	553 = laser cutting and p:
L3	553 PSORT L1

Below the search history, there are buttons for "Search", "Results", "Analyze Plus", "Display", "Save", "Analyze", "Go to L-number", "Save R-group data", "Review Saved Items", "Save for SciFinder", "Save for STN AnaVist", "Create CAS Registry Number® and Role Report", "Create L# from STN AnaVist", "Display from STN AnaVist", "Evaluate with STN Viewer", and "Patent Family Manager".

The status bar at the bottom shows the file path: c:\dokumente und einstellungen\bar.fiz\eigene dateien\stn express 8.3\transcript\Patent Family Manager.tn, and the time: 00:15:10.

# New Patent Family Manager makes working with patent families easier...

```
=> FIL PATDPAFULL, GBFULL, FRFULL, EPFULL, PCTFULL
```

```
=> S LASER CUTTING AND PY>2008
```

```
L1          553 LASER CUTTING AND PY>2008
```

---

```
=> FSORT L1
```

```
SEL L1 1- PN,APPS
```

```
L2          SEL L1 1- PN APPS :      1493 TERMS
```

```
L2          553 FSO L1
```

9 Multi-record Families	Answers 1-24
Family 1	Answers 1-3
Family 2	Answers 4-5
Family 3	Answers 6-9
Family 4	Answers 10-11
Family 5	Answers 12-13
Family 6	Answers 14-15
Family 7	Answers 16-17
Family 8	Answers 18-19
Family 9	Answers 20-24
529 Individual Records	Answers 25-553
0 Non-patent Records	

The following steps are automatically initiated by the Patent Family Manager in the background.

# New Patent Family Manager makes working with patent families easier...

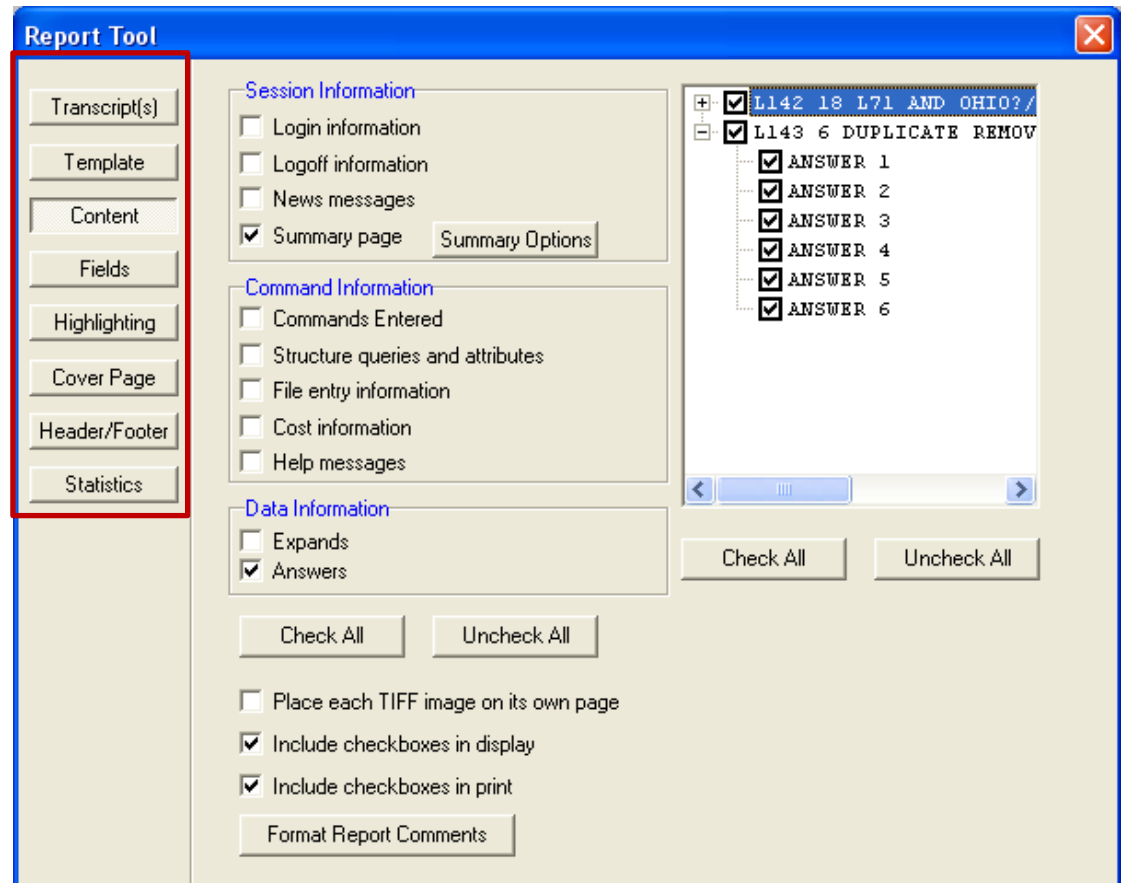
## => DIS L2 PFAM=1 1 TRIAL

L2 ANSWER 1 OF 553 GBFULL COPYRIGHT 2009 Univentio on STN DUPLICATE 1  
GBA GBFULL ED 20090708 EW 200927  
TI Optical accelerometer  
FA AB; AI; CLM; DETD; DT; EPC; GI; IN; IPC; IPCI; LAF; PA; PI; PRAI; PRYF;  
TI  
DETN 74  
CLMN 6  
GIS 2043  
GIT tif  
  
GBB GBFULL ED 20090812 EW 200932  
TI Highly sensitive accelerometer  
FA AI; DT; EPC; IN; IPC; IPCI; LAF; PA; PI; PRAI; PRYF; TI

## => DIS L2 PFAM=2 1 TRIAL

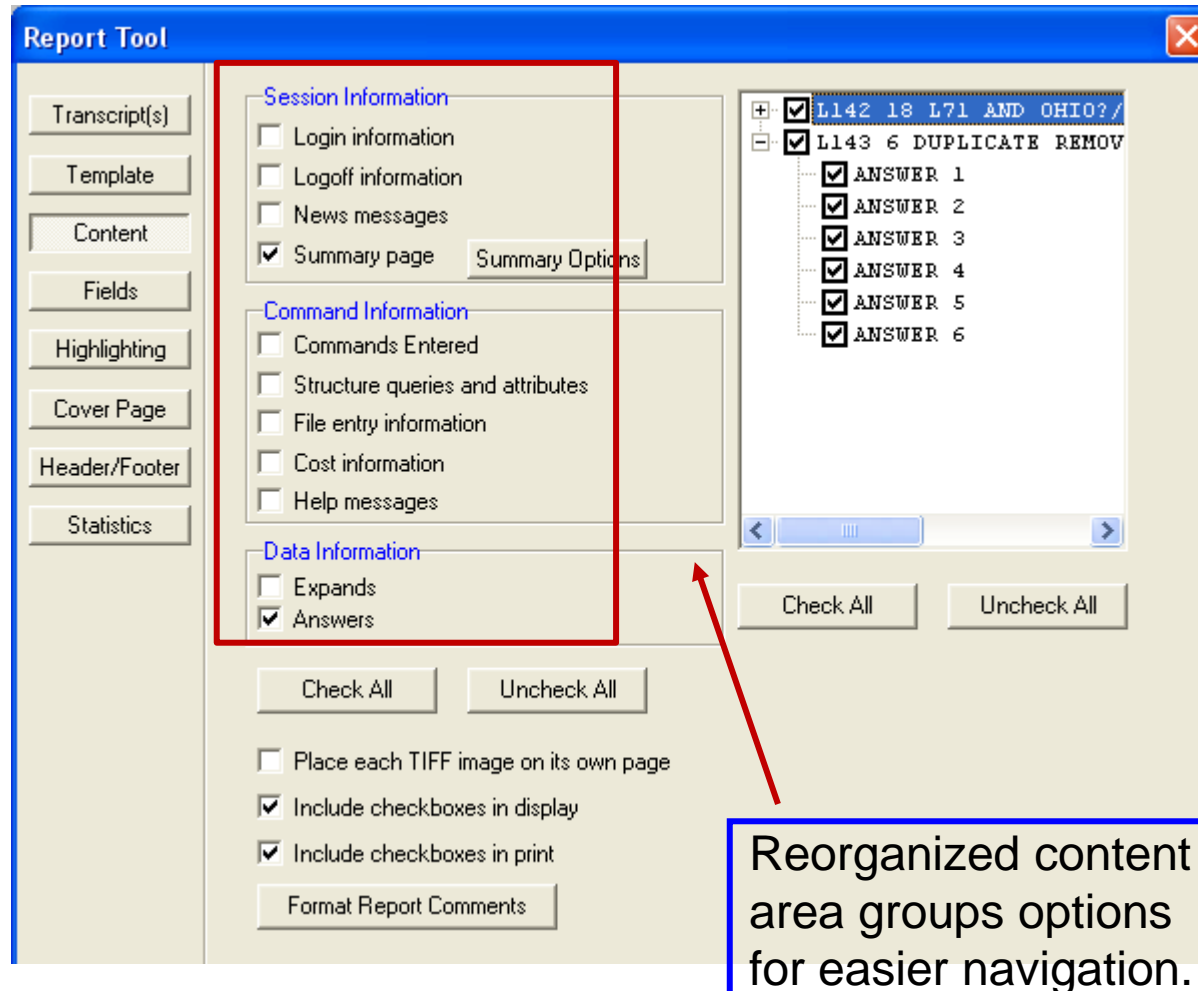
L2 ANSWER 4 OF 553 GBFULL COPYRIGHT 2009 Univentio on STN DUPLICATE 2  
GBA GBFULL ED 20090429 EW 200917  
TI Railway arch linings and mezzanine floors  
FA AB; AI; CLM; DETD; DT; EPC; IN; IPC; IPCI; LAF; PA; PI; PRAI; PRYF; TI  
DETN 444  
CLMN 97  
DETN 72

# Many small changes to the custom table and report tools help to streamline the process...

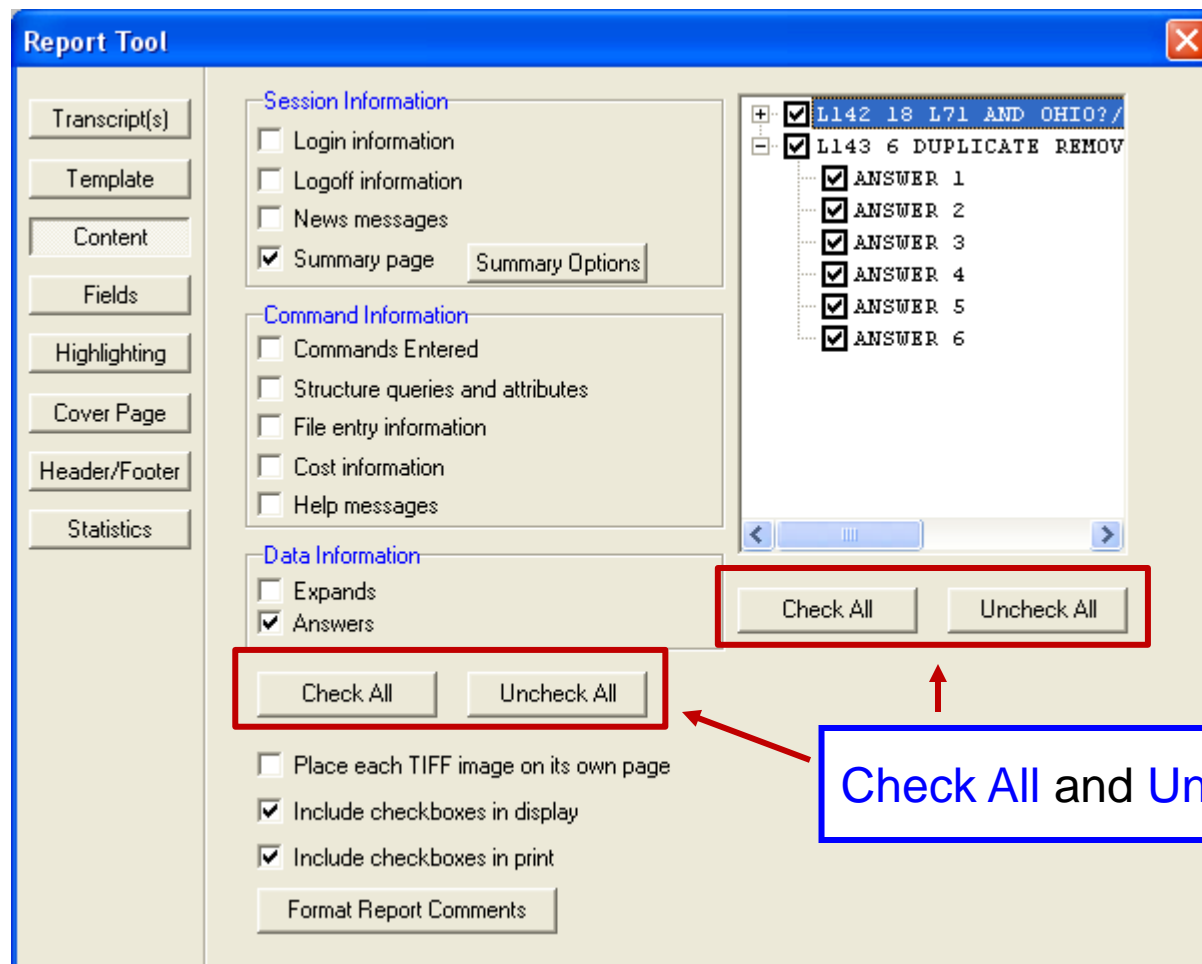


New order of report or table creation process improves flow and efficiency.

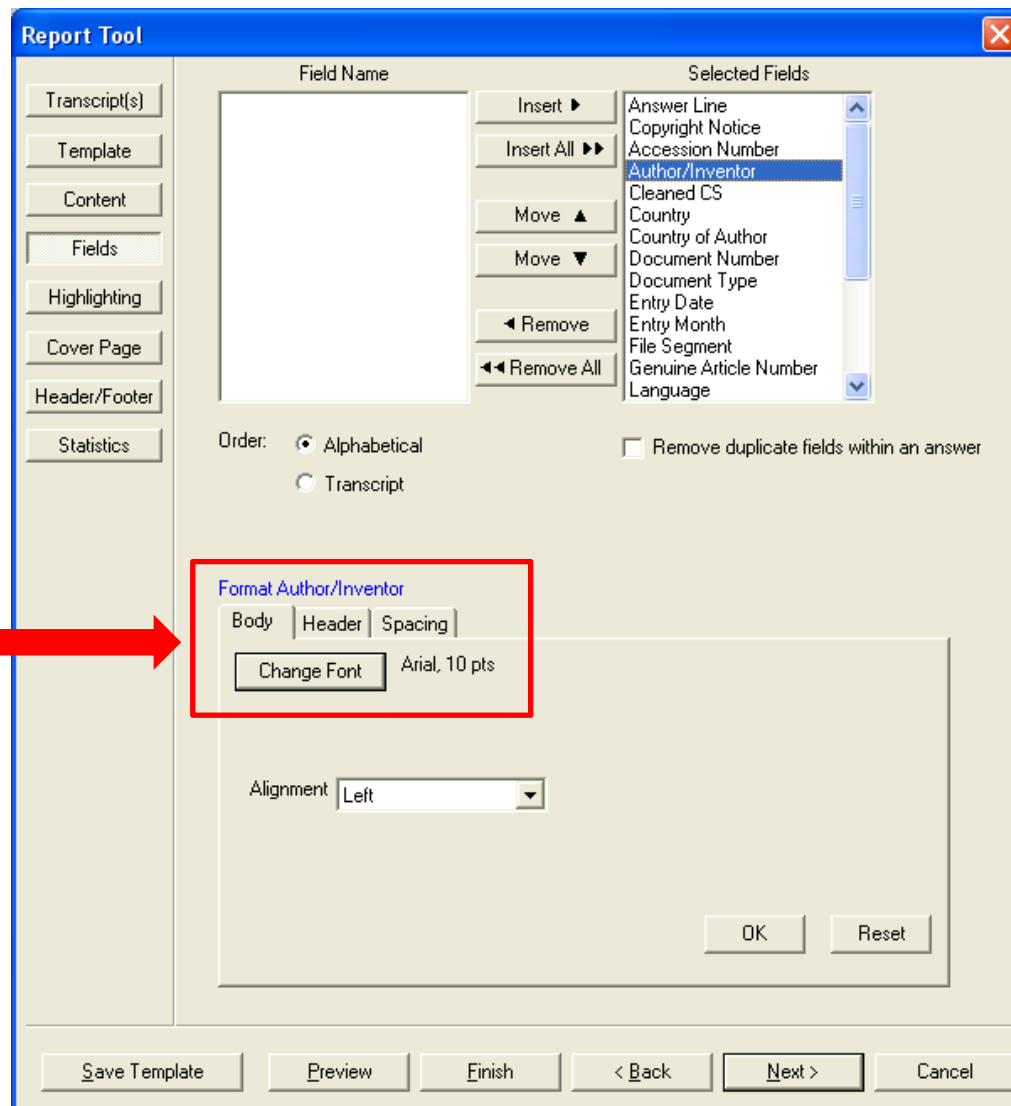
# Many small changes to the custom table and report tools help to streamline the process...



# Many small changes to the custom table and report tools help to streamline the process...

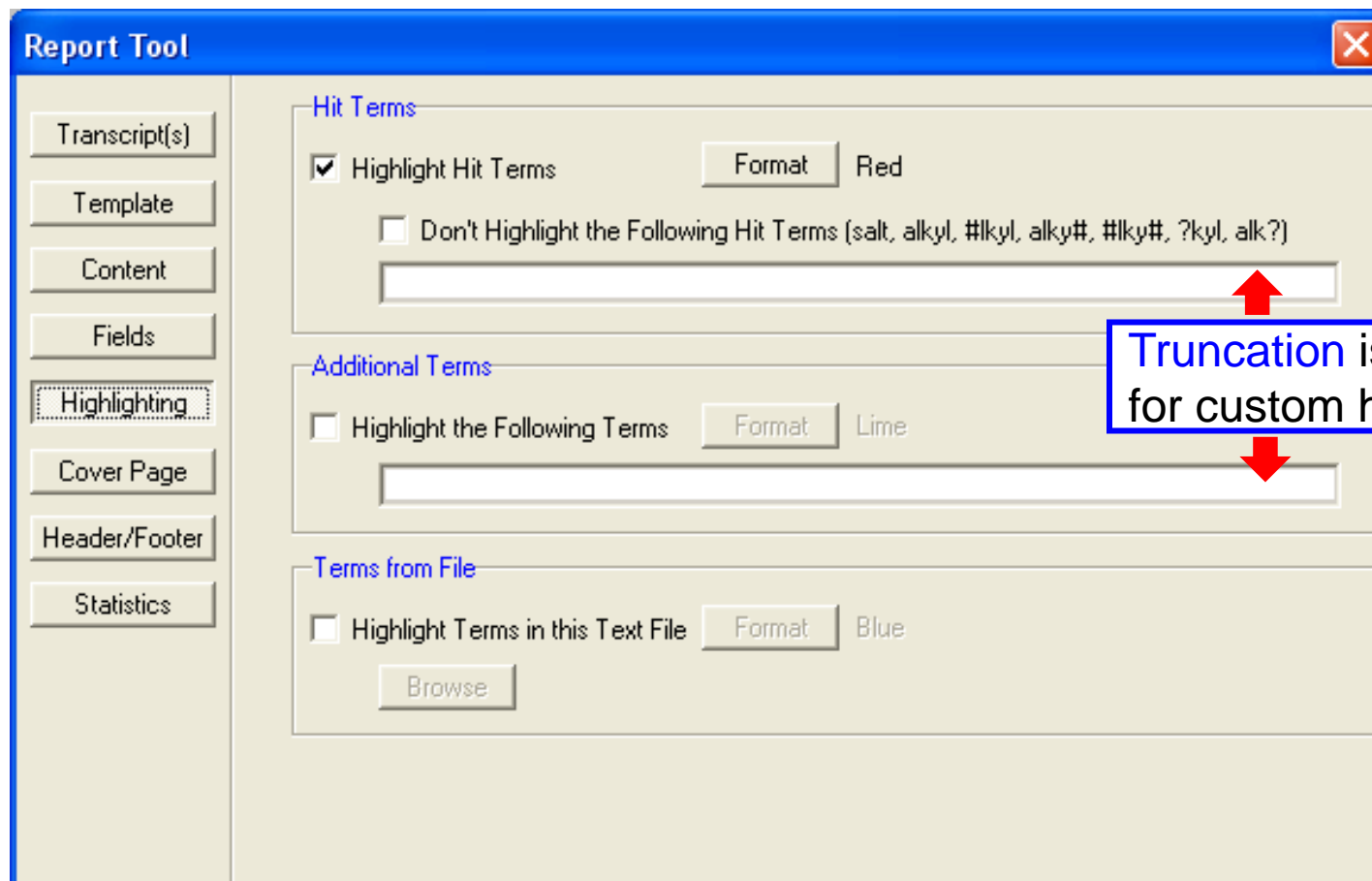


# Many small changes to the custom table and report tools help to streamline the process...



New tabbed layout for formatting fields:

# Many small changes to the custom table and report tools help to streamline the process...



# The new **preview panel** lets you see the impact of your selections as a table or report is being created

The screenshot displays the 'Report Tool' interface, which is divided into several functional areas:

- Left Panel:** A vertical list of buttons for report components: Transcript(s), Template, Content, Fields, Highlighting, Cover Page, Header/Footer, and Statistics.
- Field Selection Area:**
  - Field Name:** A large empty text box for entering field names.
  - Selected Fields:** A list of available fields including Answer Line, Abstract, Accession Number, Author/Inventor, Cleaned CS, Concept or Classification, Controlled or Index Terms, Document Number, Document Type, Entry Date, File Segment, Graphics, Language, and Organism.
  - Actions:** Buttons for 'Insert', 'Insert All', 'Move', 'Remove', and 'Remove All'.
  - Order:** Radio buttons for 'Alphabetical' (selected) and 'Transcript'.
  - Options:** A checkbox for 'Remove duplicate fields within an answer'.
  - Format Answer Line:** A sub-panel with 'Body' and 'Spacing' tabs, a 'Change Font' button (set to Arial, 10 pts), and an 'Alignment' dropdown (set to Left).
- Preview Panel (right):** Titled 'Preview (first 10 selected answers)', it shows a table of bibliographic records. The table has columns for Title, Author/Inventor, Source, and Language.
- Bottom Panel:** A row of navigation buttons: Save Template, Hide Preview, Finish, < Back, Next >, Cancel, Update Preview, and a zoom control set to 50%.

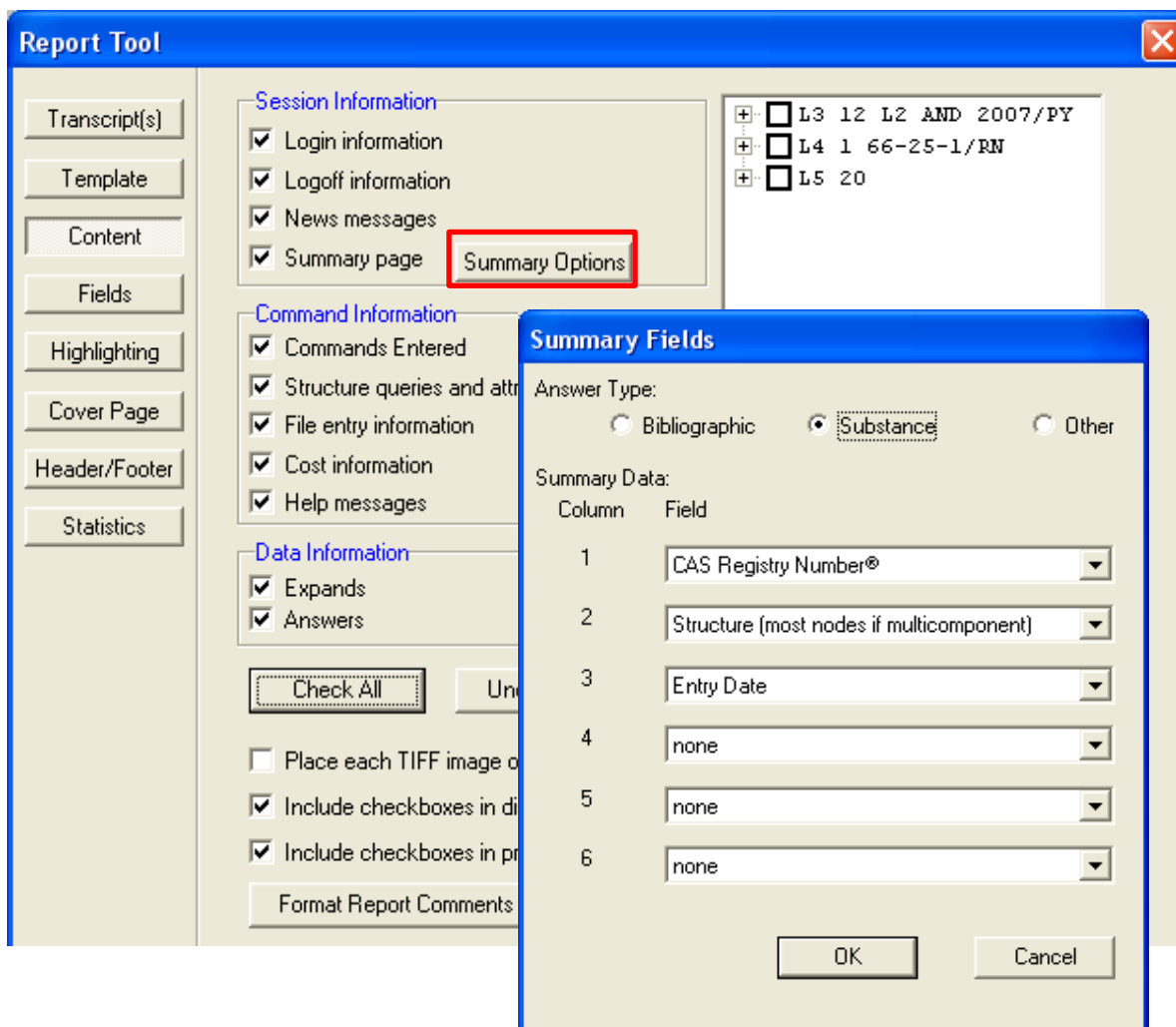
**Preview Table Data:**

Title	Author/Inventor	Source	Language
<a href="#">Determination of trace organochlorine pesticides in foodstuffs by liquid chromatography tandem mass spectrometry coupled with selective molecular printed solid-phase extraction</a>	Jing, Tao; Guo, Xiao-Guo; Wang, Peng; Wang, Yan; Lin, Yan-Jei; Hu, Xiao-Sheng; He, Qiao-Lin; Zhou, Yi-Hai; Wei, Juehong	Analytical and Bioanalytical Chemistry No. 99, yet given CODEN: ABCNSP; ISSN: 1419-2642	English
<a href="#">Distribution and location of PCBs, dioxins, furans, organochlorine pesticides, organophosphorus pesticides and the organotin compounds in the Tibetan Plateau, Himalayas and the English coast, northeast Australia</a>	Wend, John B.; Hart, Larry G.; Garino, Anthony M.; Ball, David P.; Rosta, James B.	Conf. Proc. - Natl. Conf. Polychlorinated Biphenyls (1976), Meeting Date 1975, Issue EPA-506/4-75-004, 293-301. Publisher: Reviron. Prot. Agency, Off. Toxic Subst., Washington, D. C. CODEN: TRNSAP	English
<a href="#">Sexual maturation in captive gray labetars, their adaptability and the relationship of fecundity and larval quality with maternal size</a>	Smith, Greg G.; Bitar, Arthur J.; Beprint author]	Invertebrate Reproduction and Development, (2007) Vol. 50, No. 1, pp. 47-55. CODEN: IORDE2. ISSN: 0732-4253.	English
<a href="#">The status of the eastern coast lobster, Panulirus argus, fishery and the effectiveness of management controls in increasing the yield production of the stock</a>	Hall, Norm [peprint author]; Chubb, Chris	Marine and Freshwater Research, (2001) Vol. 52, No. 3, pp. 1457-1467. print. ISSN: 1320-1450.	English
<a href="#">Seasonal changes in larval development of larval and post-larval stages of the Pacific halibut, Heterostichus rostratus, in a captive culture system</a>	MACDONALD A B [peprint author]	Marine Ecology Progress Series, (1991) Vol. 70, No. 2, pp. 123-141. CODEN: MEGEOT. ISSN: 0171-8630.	ENGLISH
<a href="#">Marine Crustacean and Coelenterate in Captive Culture: A Review of the Literature, 1970-1980</a>	PEROY J L [peprint author]	New Zealand Journal of Marine and Freshwater Research, (1979) Vol. 13, No. 3, pp. 407-414. CODEN: NZJN99. ISSN: 0028-2330.	ENGLISH

# Version 8.4 of STN Express also provides new options to **better communicate information to others**

- New **Summary option** creates a customizable linked TOC for reports
- **Comments** can now be easily added to custom reports
- **PDF output** now available for tables, reports, and transcripts
- **Query summary** provides a definitive record of what was searched

# The **summary option** allows you to create a linked TOC for quick review of report contents

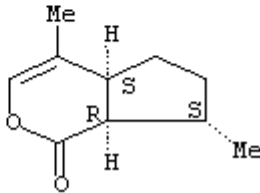
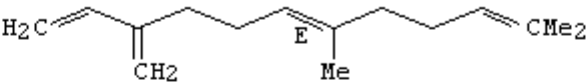
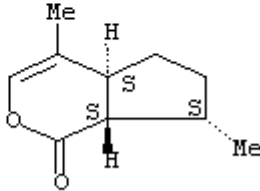


# The **summary option** allows you to create a linked TOC for quick review of report contents

STN Online and Results - [Report (Untitled)]

File Edit Preferences! Web Window Help

ANSWER SUMMARY

CAS Registry Number®	Structure	Entry Date
<a href="#">21651-62-7 REGISTRY</a>	 <b>Summary: Substance</b>	Entered STN: 16 Nov 1984
<a href="#">18794-84-8 REGISTRY</a>		Entered STN: 16 Nov 1984
<a href="#">17257-15-7 REGISTRY</a>		Entered STN: 16 Nov 1984

# The **summary option** allows you to create a linked TOC for quick review of report contents

The screenshot shows the STN Online and Results software interface. The main window is titled "Report (Untitled)" and displays an "ANSWER SUMMARY" table. The table has four columns: Title, Author/Inventor, Source, and Language. The first three rows of the table are highlighted with a blue box, and a callout box labeled "Summary: Bibliographic" points to the first row.

Title	Author/Inventor	Source	Language
<a href="#">Antibacterial and cytotoxic activity of <i>Nepeta cataria</i> L., <i>N. cataria</i> var. <i>citriodora</i> (Beck.) Balb. and <i>Melissa officinalis</i> L. essential oils</a>	Suschke, Ulrike; Sporer, Frank; Schneele, Juergen; Geiss, Heinrich Konrad; Reichling, Juergen	Natural Product Communications (2007), 2(12), 1277-1286 CODEN: NPCACO; ISSN: 1934-578X	English
<a href="#">Flavonoids and phenolic acids of <i>Nepeta cataria</i> L. var. <i>citriodora</i> (Becker) Balb. (Lamiaceae)</a>	Modnicki, Daniel; Tokar, Magdalena; Klimek, Barbara	Acta Poloniae Pharmaceutica (2007), 64(3), 247-252 CODEN: APPHAX; ISSN: 0001-6837	English
<a href="#">Preparation method of herb nurungji (scorched rice from bottom of pot) chicken boiled with water by employing herb powder and concentrated one of herb</a>	Sung, Gyeong Ja	Repub. Korean Kongkae Taeho Kongbo CODEN: KRXXA7	Korean
<a href="#">Biorational terpenoid insect repellents</a>	Coats, Joel R.; Schultz, Gretchen Elizabeth; Zhu, Junwei	U.S. Pat. Appl. Publ., 34pp., Cont.-in-part of U.S. Ser. No. 323, 100. CODEN: USXXCO	English

# An enhanced **comment feature** makes it easy to share knowledge within your organization

The screenshot shows a software window titled "Report (Untitled)" displaying patent information. A "Comments" dialog box is open over the main content, containing the text "High priority result for review!". To the right of the dialog, a red L-shaped arrow points from the "Add Comments" button to the "Top" link. The main report content includes:

**Patent Information**

KIND	DATE	WEEK	LA	PG	DRAWN	MAIN IPC
AU 2007200743	A	1	2007	0906		(200817)* EN 18[6]

**Priority Application Information**

Application Number	Kind	Date
AU 2006-900836		20060221

**Title**  
Method for altering color of meat in animal involves fee

L2 ANSWER 46 OF 539 WPINDEX COPYRIGHT 2009

**Accession Number**  
2008-B70624 [12] WPINDEX [Full-text](#)

**Application Details**  
WO 2007112366 A2 WO 2007-US64954 20070326; US 2006-786417P 20060324; US 20080070991 A1 US 2007366 A2 EP 2007-759406 20070326; EP 2007366 2007-US64954 20070326

**Author/Inventor**  
CELLA C H; VINCENT M P; BLIVEN B D

**Cleaned CS**  
(CELL-I) CELLA C H; (VINC-I) VINCENT M P; (BLIV-I)

**Country Count**  
119

**Derwent Class**  
A96; B05; C03; D13; D21

**Derwent Document Number (CPI)**  
C2008-047658 [12]

**Filing Details**  
EP 2007366 A2 Based on WO 2007112366 A

**Kind Code (1)**

**Comments Dialog:**  
Title: Comments  
Text: High priority result for review!  
Buttons: OK, Cancel

**Navigation:**  
Top [Add Comments](#)

# An enhanced **comment feature** makes it easy to share knowledge within your organization

Report (Untitled)

Patent Information

KIND	DATE	WEEK	LA	PG	DRAWN	MAIN IPC
AU 2007200743 A		1	2007	0906		(200817)* EN 18[6]

Priority Application Information

Application Number	Kind	Date
AU 2006-900836		20060221

Title

Method for altering color of meat in animal involves feeding animal tannin rich **feed** for period before slaughter

L2 ANSWER 46 OF 539 WPINDEX COPYRIGHT 2009 THOMSON REUTERS on STN [Top](#) | [Edit Comments](#)

High priority result for review!

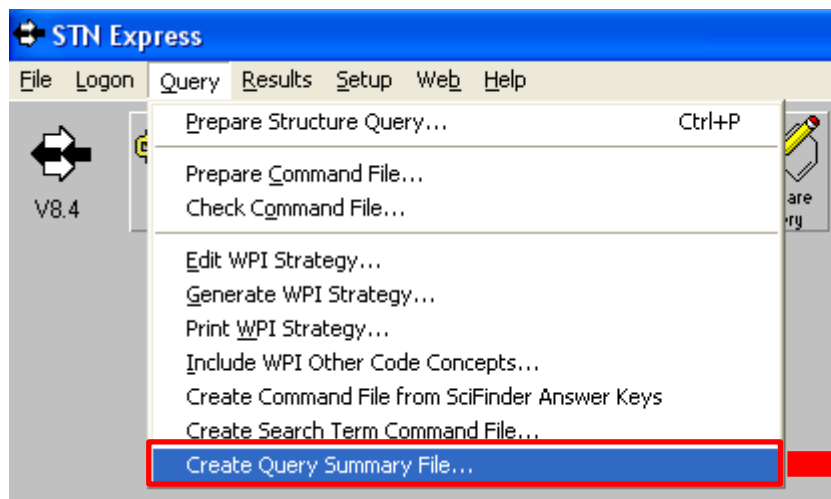
Accession Number  
2008-B70624 [12] WPINDEX [Full-text](#)

Application Details  
WO 2007112366 A2 WO 2007-US64954 20070326; US 20080070991 A1 Provisional  
US 2006-785417P 20060324; US 20080070991 A1 US 2007-691360 20070326; EP  
2007366 A2 EP 2007-759406 20070326; EP 2007366 A2 PCT Application WO  
2007-US64954 20070326

Author/Inventor  
CELLA C H; VINCENT M P; BLIVEN B D

Cleaned CS

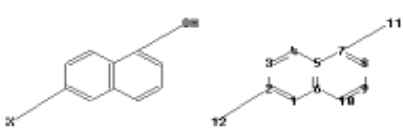
# The new **Query Summary File** creates a complete record of what was searched, including structure queries



```
STN Express Query Summary
(FILE 'HOME' ENTERED AT 16:14:48 ON 04 FEB 2009)
D SET
SET LHISTORY ON PERM
D SET

FILE 'REGISTRY' ENTERED AT 16:15:48 ON 04 FEB 2009
L1          STRUCTURE UPLOADED

STRUCTURE: Q:\My Documents\STN Express 8.3\Queries\tinal.str



chain nodes :
11 12
ring nodes :
1 2 3 4 5 6 7 8 9 10
chain bonds :
2-12 7-11
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10
exact/norm bonds :
7-11
exact bonds :
2-12
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:CLASS 12:CLASS

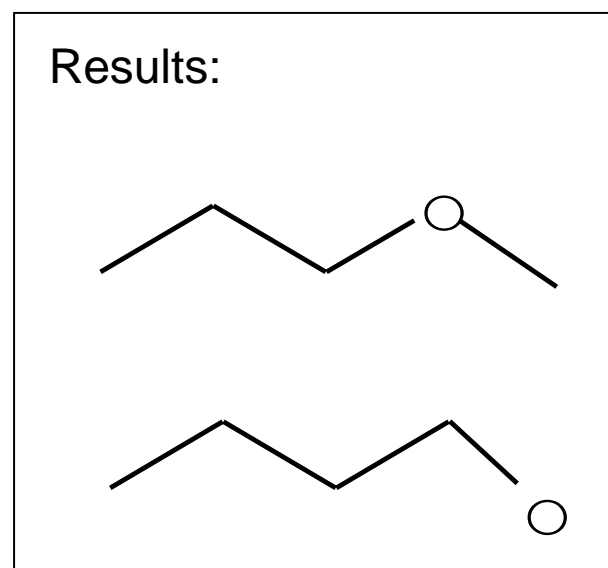
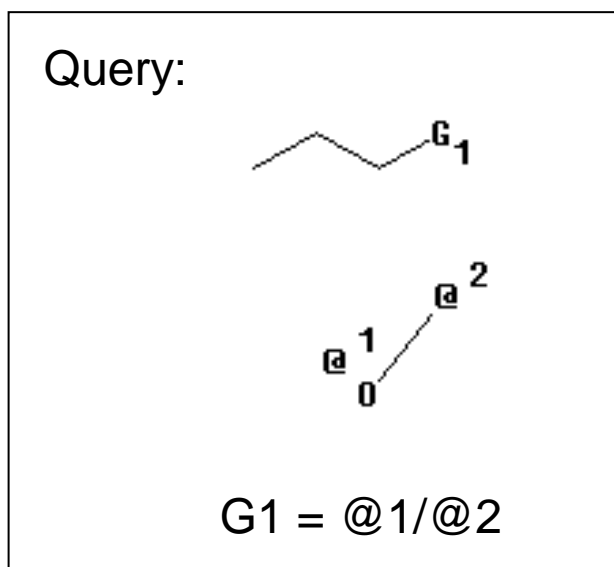
D
L2          354 SEA FILE=REGISTRY SSS FUL L1
D L2 100-130 IDE

FILE 'CAPLUS' ENTERED AT 16:16:33 ON 04 FEB 2009
L3          317 SEA FILE=CAPLUS PLU=ON L2
```

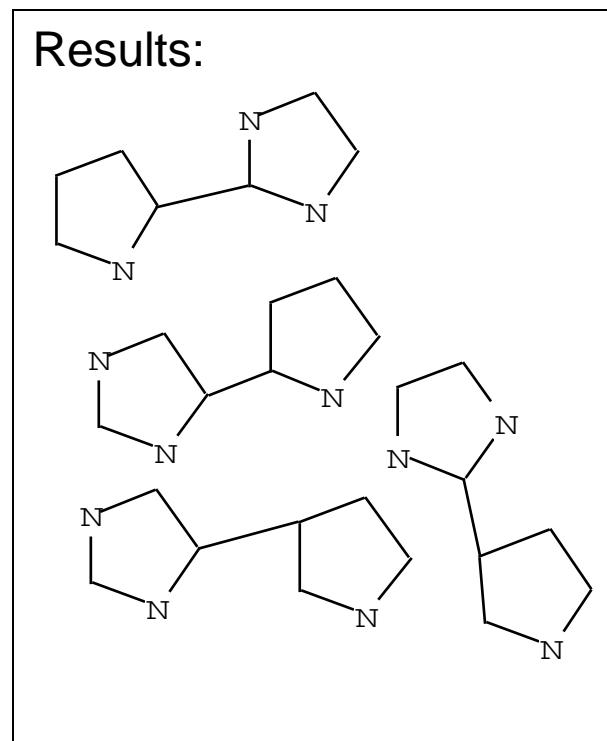
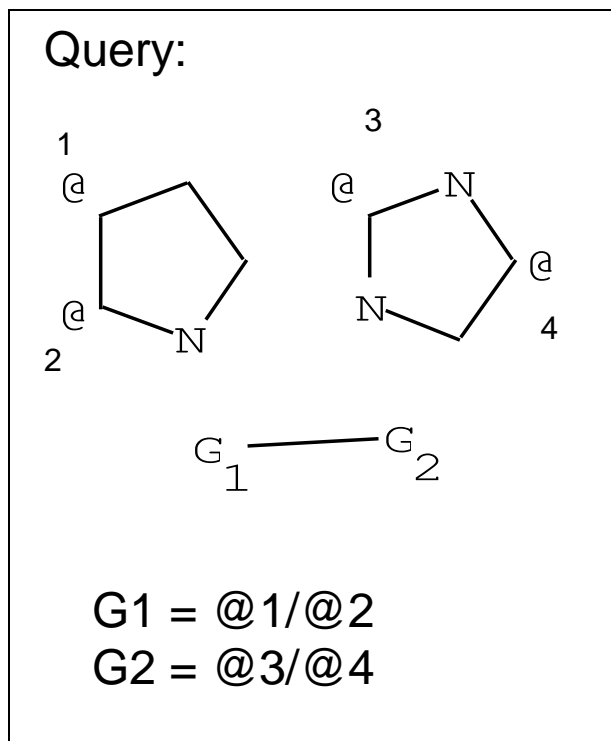
# STN Express 8.4 also adds **new options** to existing functionality **to increase searching power**

- **Multiple optional points of attachment** allowed for G-group fragments
- Rings can now be joined by a fragment with **variable attachment points** on both rings
- **Search term command files** can now be easily created for searching in any desired field

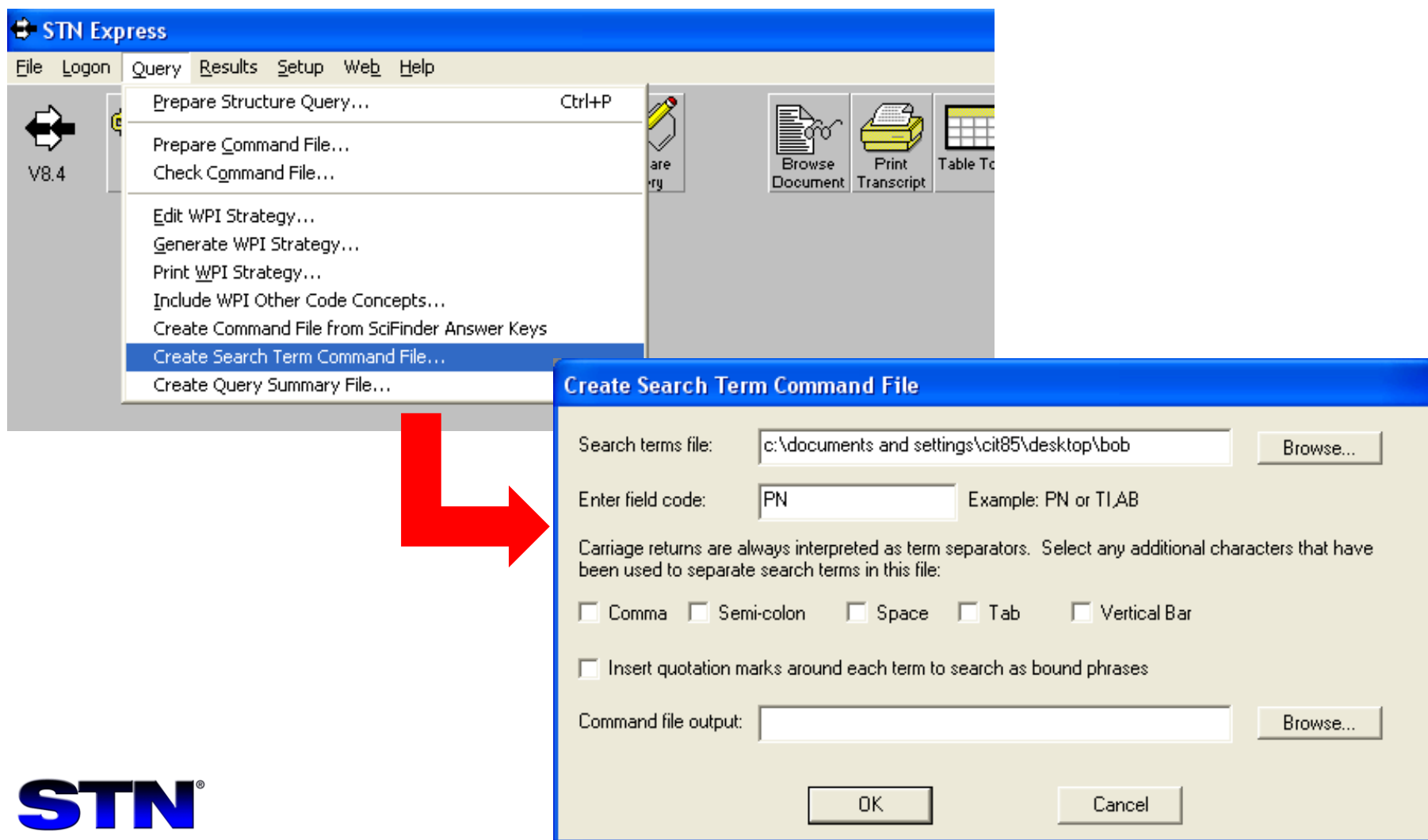
# The ability to use **variable points of attachments on G-group fragments** saves time and drawing effort



# Rings can now be joined by a fragment with variable attachment points on both rings



# Create **Search Term Command File** now allows for creation of a script to search terms in any desired field



The screenshot displays the STN Express software interface. The 'Query' menu is open, and the 'Create Search Term Command File...' option is highlighted. A red arrow points from this menu item to a dialog box titled 'Create Search Term Command File'. The dialog box contains the following fields and options:

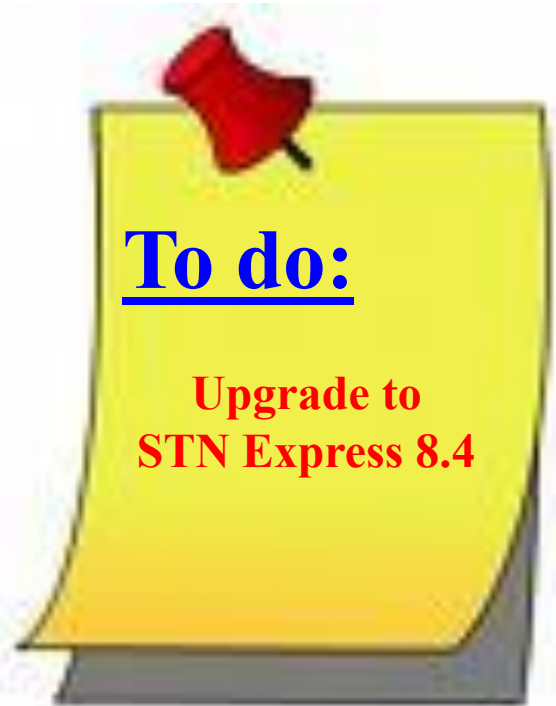
- Search terms file:** c:\documents and settings\cit85\desktop\bob (with a 'Browse...' button)
- Enter field code:** PN (with an 'Example: PN or TI,AB' label)
- Carriage returns are always interpreted as term separators. Select any additional characters that have been used to separate search terms in this file:**
  - Comma
  - Semi-colon
  - Space
  - Tab
  - Vertical Bar
- Insert quotation marks around each term to search as bound phrases
- Command file output:** (with a 'Browse...' button)

At the bottom of the dialog box are 'OK' and 'Cancel' buttons.

# Other enhancements of interest:

- MSI installer option
- Clickable RN links in RN/Role reports
- Context-sensitive help in structure drawing
- Improved patent number recognition for links
- Improvements to data handling in tables and reports
- Ability to have multiple versions of Express on a computer

Make sure to add “Upgrade to STN Express 8.4” to your to-do list so you can search, analyze, and communicate results more efficiently and maximize the value STN information can provide for your organization!



**STN<sup>®</sup>**

**Thank you for your attention!!!**

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