CAS STNext® E-Seminar

PLATFORM AND DATABASE ENHANCEMENTS

Jan Baur, ACS-I; Paul Peters, ACS-I;
Jim Brown, FIZ-K; Sarah Stokes, FIZ-K

FIZ Karlsruhe
Leibniz Institute for Information Infrastructure

CAS
A division of the
American Chemical Society

Table of Contents

CAS STNext application and interface enhancements

– Select transcript option

– Sidebar navigation icons

– Type-ahead function

– Disable display of Lexicon matches

– Projects tab

– Structure editor toolbars attachable

– Reporting and highlighting optimizations

– Product interoperability

– National Register Links
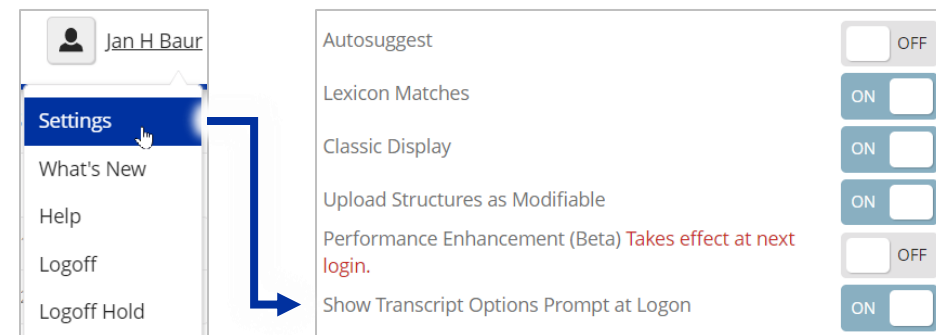
– Interactive Claim Viewer

Content and database enhancements

FIZ Karlsruhe
Leibniz Institute for Information Infrastructure

CAS
A division of the
American Chemical Society

New Transcript Naming Options

Turn prompt on in settings

With a logon, the system will provide transcript options:

① Start a new transcript (ability to name it there)

② Append an existing transcript
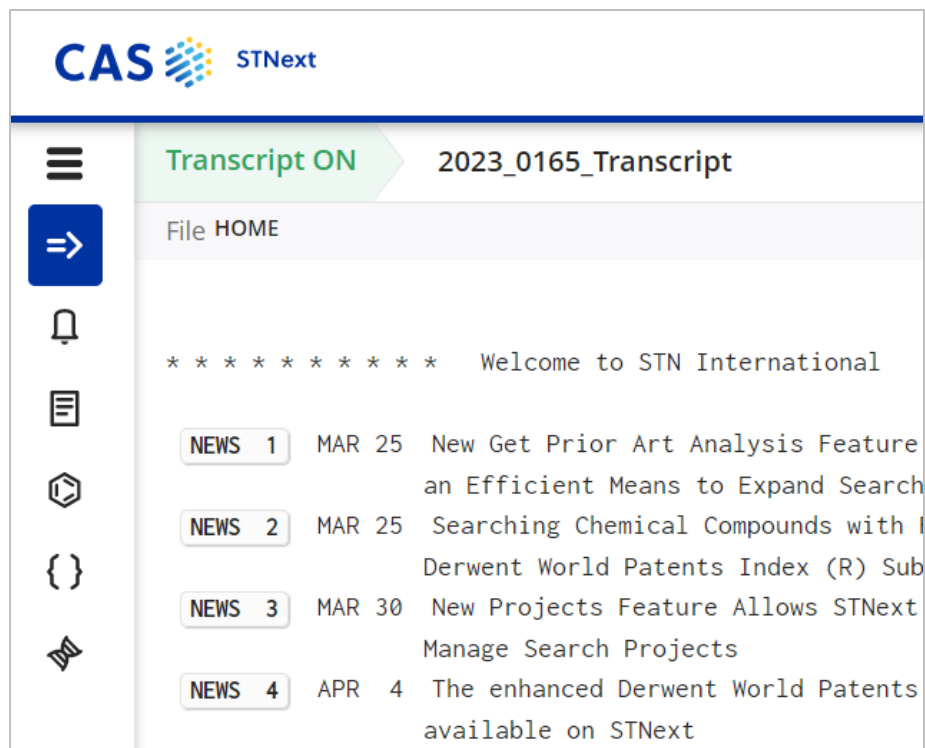
Sidebar Navigation Icons

Shortcut icons to different sections in STNext

Provides greater visibility and access for key features and functions:

Type Ahead Function Now Available

Further commands can be typed while
current command is processed

```
This file contains CAS Registry Numbers for easy and accurate
substance identification.

=> s l1 or l2

        2461 L1
        2772 L2
L3      4040 L1 OR L2

=> analyze l3 ct 1-

ANALYZE IS APPROXIMATELY 50% COMPLETE
```
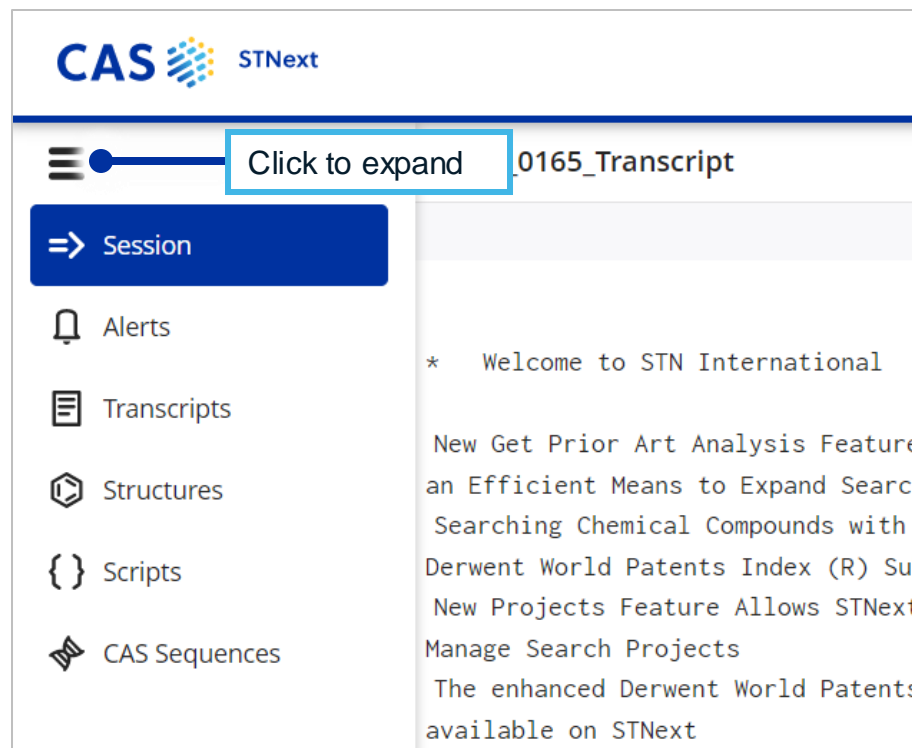
=> d 1-20
=> s l3 and pac/rl

=> *enter command*   ⟫▭ 2   ⟳ Break   **Submit**   ⬡ Draw   { } Scripts

FIZ Karlsruhe
Leibniz Institute for Information Infrastructure

CAS
A division of the
American Chemical Society

Option to Disable Lexicon Suggestions

Additional setting to see if terms would match a CAS Lexicon term

← Return to Session

Settings

Autosuggest	OFF
Lexicon Matches	ON
Classic Display	ON

Tags for Claimed substances now available in selected patents. See NEWS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> Lexicon Matches Cycloaddition catalysts Cycloaddition Catalysts

∧ => s cycloaddition catalysts

FIZ Karlsruhe
Leibniz Institute for Information Infrastructure

CAS
A division of the
American Chemical Society

Projects Tab

Organize multiple file types into custom-named groupings

– Projects contain pointers to the files that are saved on the specific My Files pages (e.g., structures, scripts, etc.)

– Modifying a file affects any project(s) that point to it

Structure editor enhancements

CASDraw editor toolbars can be attached to editor window

Updated Structure Editor user interface allowing for floating or attached toolbars

Toolbars are attached

Improved Reporting

XML output format for reports

– The system generates and downloads a .zip file containing a .xml file with image extensions for the corresponding report content

– If using a standard template, the .zip / .xml file are assigned a system name in the following format:

[YEARMONTHDAY][TEMPLATE]REPORT.zip (.xml)

– From a custom template, .zip / .xml keeps the name of the custom template. E.g.: "MyCustomTemplate" template → MyCustomTemplate.zip (.xml)
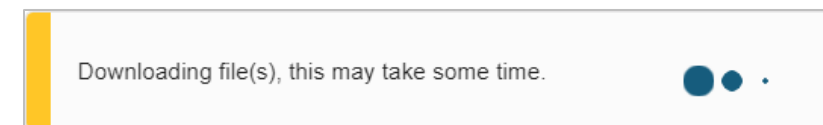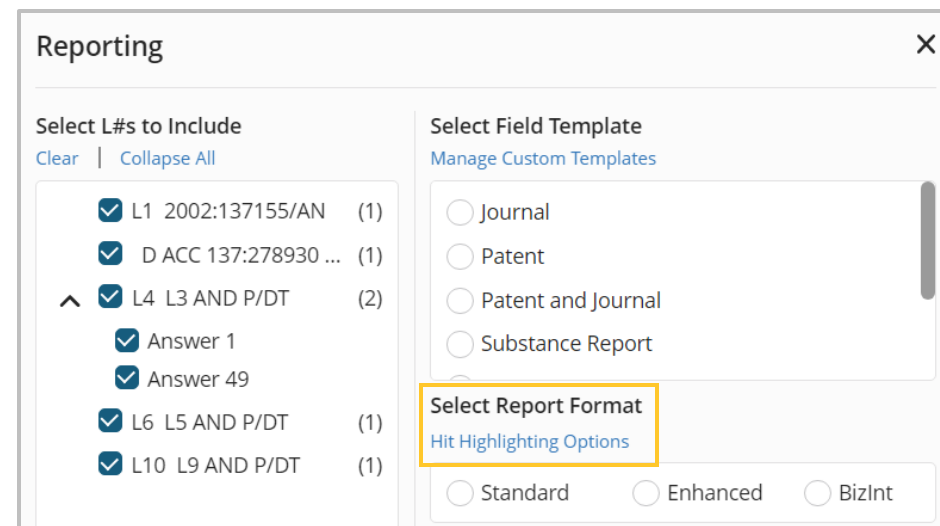
Hit Highlighting in Reports

Hit Highlighting now has options

- Highlight both text and structure information
- Hit Structure/Index Terms with Structures field now appears in the report/table

The options are found in *Select Report Format*

- Note: there are no style options for XML reports.
- Options on the active tab will be saved as sticky

Combine Patent Number and Kind Code in Excel Table Reports

Patent number kind codes have new options in Table reporting:

Combine Patent Number and Kind Code in Excel Table Reports

Patent number kind codes have new options in Table reporting:

- **Merge patents into one row:** If this option is selected, all patent information associated with a record appears in a single cell within their respective columns/fields

- **Combine Patent Number and Kind Code:** If this option is selected, each Patent Number and its corresponding Kind Code associated with a record appears in a cell together

- If **both options are checked**, then patent numbers and kind codes are displayed together in one cell.

Fields/columns containing hyperlinked data are NOT merged.

These options are available for all databases where PI, PRAI, PSPI, PPPI fields/information is present: CAPLUS, MARPAT, DWPI, INPAFAMDB, INPADOCDB, WPIX, WPIDS, WPINDEX, etc.

Patent Number	Kind Code
WO2222222222222	A1
WO3333333333333	A1
WO4444444444444	A1

Patent Number/Kind Code
WO2222222222222 A1
WO3333333333333 A1
WO4444444444444 A1

Patent Number/Kind Code
WO2222222222222 A1
WO3333333333333 A1
WO4444444444444 A1

FIZ Karlsruhe
Leibniz Institute for Information Infrastructure

CAS
A division of the
American Chemical Society
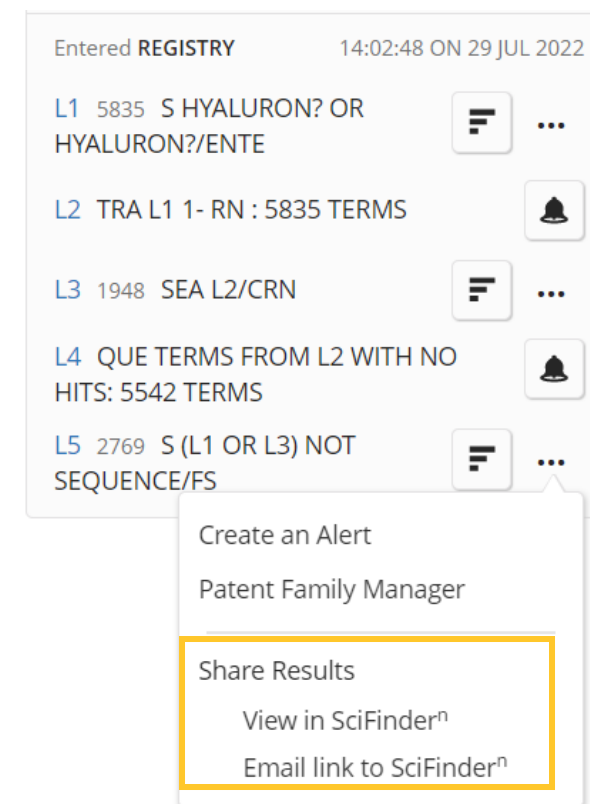
CAS STNext / CAS SciFinder[n] Interoperability

The first of several planned CAS product integrations

CAS STNext users may now visualize CAS STNext answer sets in CAS SciFinder[n]

– Available in the CAplus, MEDLINE, and CAS REGISTRY® databases.

– Two options: **View in SciFinder[n]** and **Email link to SciFinder[n]**

– The crossover options are accessed via ▤ on the History tab.

– Crossover is based on database-specific identifiers, i.e., AN for CAplus, Medline's document number and the CAS Registry Number® for Registry

Entered **REGISTRY**   14:02:48 ON 29 JUL 2022

L1 5835 S HYALURON? OR HYALURON?/ENTE

L2 TRA L1 1- RN : 5835 TERMS

L3 1948 SEA L2/CRN

L4 QUE TERMS FROM L2 WITH NO HITS: 5542 TERMS

L5 2769 S (L1 OR L3) NOT SEQUENCE/FS

Create an Alert

Patent Family Manager

Share Results

View in SciFinder[n]

Email link to SciFinder[n]

FIZ Karlsruhe
Leibniz Institute for Information Infrastructure

CAS
A division of the
American Chemical Society

CAS STNext / CAS SciFinder^n Interoperability

View in SciFinder^n

SciFinder^n

New Alert Options

– Name can be assigned using the Alert Settings window

– If left blank, the system assigns an auto-generated name

– If RSS or Email is selected as delivery option, an email address must be entered in the "Delivery to" field.

File Import Window Redesign

For Structures, Sequences and Scripts

Provides more visibility and flexibility for importing files:

- Importing up to **10 files** simultaneously
- **Interactive list** of selected files:
  - Edit file names
  - Add/remove files to be imported
- Overwrite file functionality:
  - "File name already exists in this location" messaging appears when a duplicate name occurs
  - If left blank, the system assigns an auto-generated name

Import Structure   ✕

Only .cxf, .mol, and .str file formats are supported.
Structure filters will not be included in the import.

[Browse]

3 files selected

Azamethiphos `cxf` ✏	🗑
Diflubenzuron `cxf` ✏	🗑
Imidacloprid `cxf` ✏	🗑

[**Ok**] [Cancel]

FIZ Karlsruhe
Leibniz Institute for Information Infrastructure

CAS
A division of the
American Chemical Society
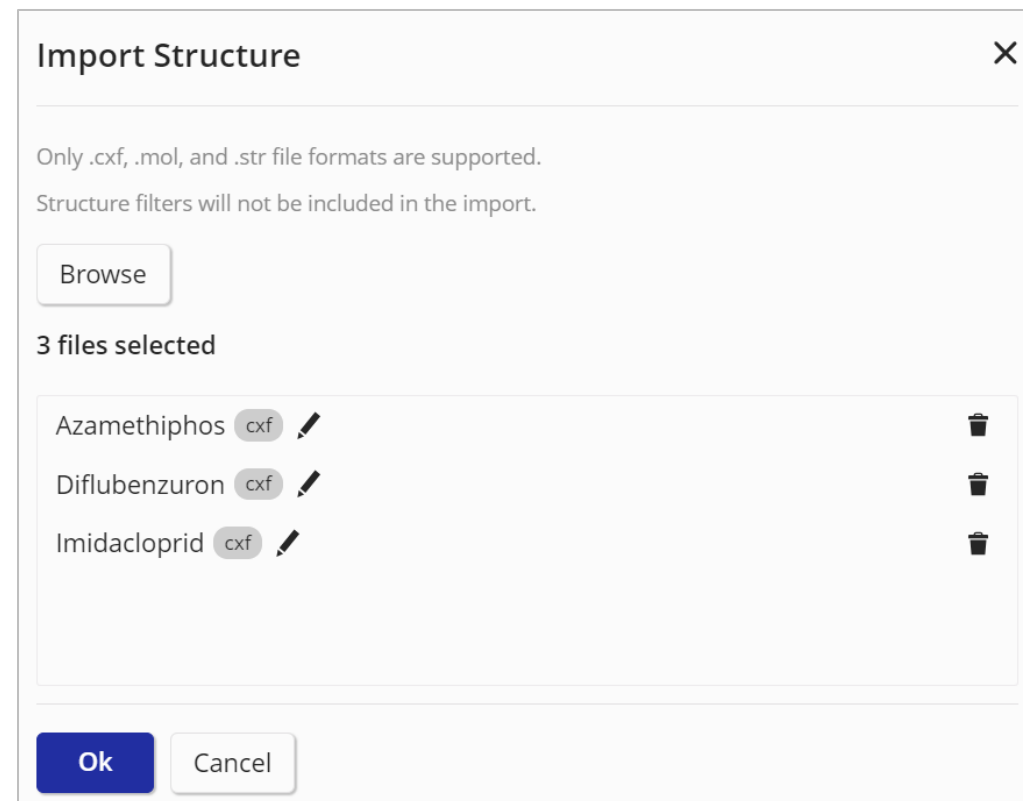
National Register Links

Available in CAS STNext patent databases

– Appears in the (1) patent number drop-down menu

– Selecting (2) *Register Links* in submenu:

– Depending on what the patent office allows, selecting (3) Register either opens the distinct **register entry** of the patent application or **patent office webpage** in a new tab

– For some countries, an additional link, either to the IP5 Global Dossier (CN, JP, KR, US, and WO) or to EPO's Federated Register is available

In DWPI, register links are available from application details (ADT). Type **HELP REGISTER** to learn more.

FIZ Karlsruhe
Leibniz Institute for Information Infrastructure

CAS
A division of the
American Chemical Society

National Register Links in Transcripts and Reports

Select options in CAS STNext settings

National office (Register) and **Interactive Claims Viewer hyperlinks** can be included in transcript and report exports:

Interactive Claim Viewer

Quick overview of relations between different claims

- Available for EPFULL, PCTFULL and JPFULL

- A **graphical claims** tree depicting the relationships between independent and dependent claims

- Claim texts are available for each claim on the right panel

Key
Independent (3)
Dependent (17)

AG   Isarpatent, Patent- und Rechtsanwaelte Barth Cha
        Partner mbB
AGN   100060500
LAF   Korean
LA   English
DT   Patent; (Ful
PI   EP 4099751
DS   R: AL AT BE
            LV MC MK

Full-text options
Legal status
Claims Viewer
Register Links
English language equivalents
Extended patent family information

8.[CLM0008] An operation method of a second terminal in a communication system, the operation method comprising:
receiving downlink control information (DCI) including resource allocation information from a base station;
receiving sidelink control information (SCI) including channel state information (CSI) request information from a first terminal; and
when the CSI request information indicates a CSI report request, transmitting a message including sidelink (SL) CSI in a SL resource indicated by the resource allocation information to the first terminal.

9.[CLM0009] The operation method according to claim 8 , wherein the SL CSI is multiplexed with SL data in the SL resource.

10.[CLM0010] The operation method according to claim 8 , further comprising, when the CSI request information does not indicate the CSI report request, transmitting SL data to the first terminal in the SL resource.

11.[CLM0011] The operation method according to claim 8 , wherein the SL CSI is measured based on a reference signal received from the first terminal.

12.[CLM0012] The operation method according to claim 11 , wherein the reference signal is a CSI-reference signal (CSI-RS) or a demodulation reference signal (DMRS), and a higher layer message including information indicating a type of the reference signal is received from the base station.

13.[CLM0013] The operation method according to claim 11 , wherein a resource for receiving the reference signal is configured by the base station.

FIZ Karlsruhe
Leibniz Institute for Information Infrastructure

CAS
A division of the
American Chemical Society

Table of contents

CAS STNext application and interface enhancements

Content and database enhancements

FIZ Karlsruhe
Leibniz Institute for Information Infrastructure

CAS
A division of the
American Chemical Society

Derwent Databases Reload
on CAS STNext in 2022

Derwent World Patents Index® has been reloaded with additional content

– Derwent Patents Citation Index™ data

– Extended claims coverage

Derwent Chemistry Resource® (DCR) is now a standalone database

– Highlighting available

– Improved display for larger structures

– SMARTracker capabilities

GENESEQ (formerly DGENE)

– Additional search options and content enhancements (similar updates in USGENE, PATGENE)

FIZ Karlsruhe
Leibniz Institute for Information Infrastructure

CAS
A division of the
American Chemical Society

DCR file segment converted into a self-contained file, DPCI file added to DWPI

Current implementation

DWPI
- WPINDEX
- WPIDS
- WPIX

> 58 M records
(30 M incl. Citations)

Cit.* 162 M backward
182 M forward   citations
39 M literature

DCR
>4.6 M specific substances

DWPIM
>2.4 M Markush structures

* formerly **DPCI**

FIZ Karlsruhe
Leibniz Institute for Information Infrastructure

CAS
A division of the
American Chemical Society
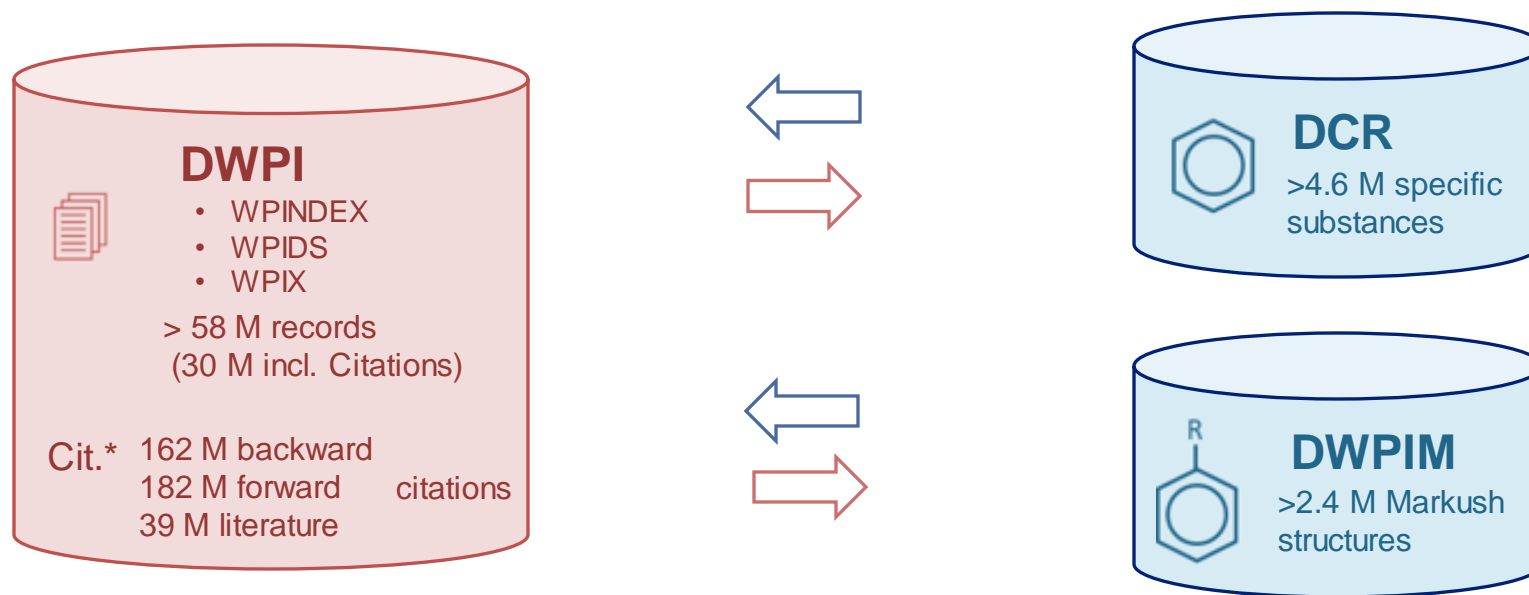
The New DCR Database on CAS STNext

Highlights

– Consistent workflow with other substance/bibliographic databases on STNext

– HIT structure highlighting

– Higher system limits for structure searching

– Enhanced structure displays

– SMARTracker crossfile SDI with WPINDEX/WPIX/WPIDS

DCR
>4.6 M specific substances

=> S L#

DWPI
• WPINDEX
• WPIDS
• WPIX

> 58 M records

FIZ Karlsruhe
Leibniz Institute for Information Infrastructure

CAS
A division of the
American Chemical Society
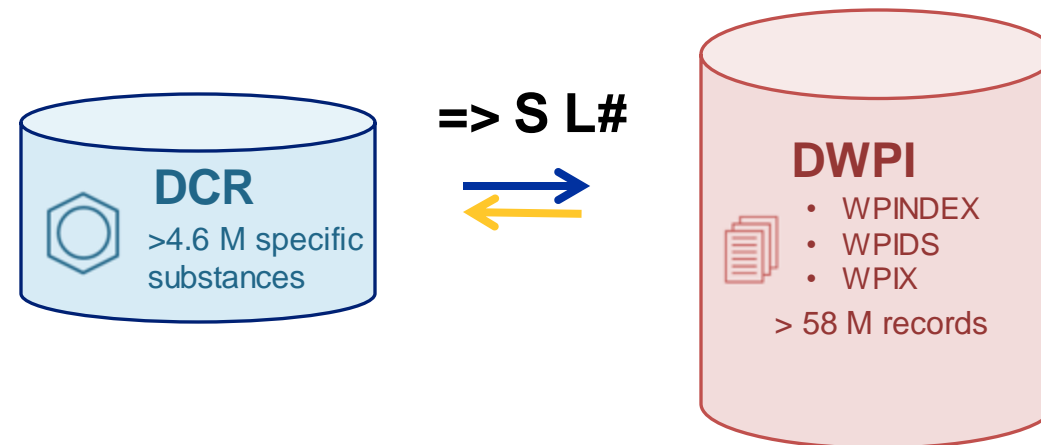
Consistent Workflow Across all STN Structure Files

Structure search

↓

Crossover to bibliographic counterpart

↓

Display with HIT structures and citations (if required)
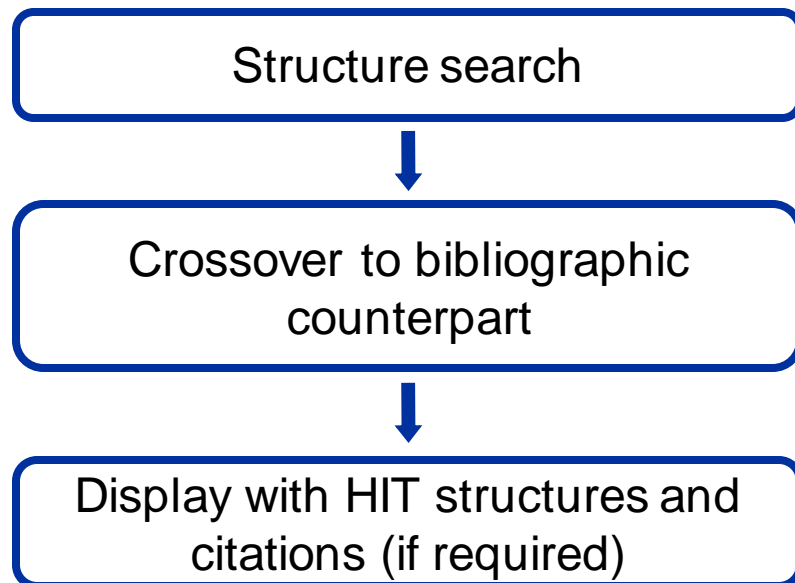
Chemical substance searching and crossover to associated database is consistent for STN database pairs:

Registry – CAplus
DCR/DWPIM – DWPI
ReaxysFileBib – ReaxysFileSub
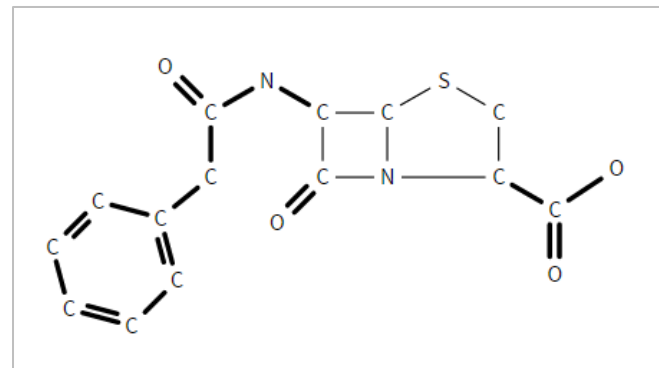

```
=> FIL DCR

L1          STRUCTURE UPLOADED

=> S L1 SSS FUL

L2              203 SEA SSS FUL L1


=> FIL WPINDEX (WPIDS/WPIX)


=> S L2

L3            8274 L2

=> D BIB AB TECH HITSTR
```

FIZ Karlsruhe
Leibniz Institute for Information Infrastructure

CAS
A division of the
American Chemical Society

Enhancements to the DWPI Content

Highlights

New role field /RL

– Has been introduced to simplify role searching for substances

New search option for fragmentation codes

– To search compounds which have unique frag code indexing

Extended claims coverage

– To include **all** claims for more than **20** patent authorities

Enhanced search options

– Claims searching with more precision and more focussed HIT displays

Consolidated implementation for update codes

– Backfile data are kept from the old DWPI, e.g. for ED, UP and UPP

FIZ Karlsruhe
Leibniz Institute for Information Infrastructure

CAS
A division of the
American Chemical Society

Recent INPADOC Enhancements

Coverage of documents from Ukraine (UA) has been extended

- 61,000 records added mostly from the years 1993 - 2005

EP and JP Appeal data added to INPADOCDB and INPAFAMDB

- EP: 55 legal status codes (since 1996)

- JP: 49 legal status codes (since 2009)

EP *intention to grant* data from the European Patent Register added

- 21 new legal event codes related to the *intention to grant* of EP applications

- New *intention to grant* data is available about two weeks after publication

FIZ Karlsruhe
Leibniz Institute for Information Infrastructure

CAS
A division of the
American Chemical Society

Update and Patent Coverage in ReaxysFile Databases

For the first time ReaxysFile Databases contain > 100 million documents

– Increase of chemistry patent records (> 35 million) over the last years

– Multiple records from same patent family

– Substance data from > 49 million substances and > 60 million reactions

Patent coverage from 26 patent authorities (US, DE, FR, GB, JP, CH, SU, BE, NL, DD, ZA, AT, HU, CA, IT, PL, SE, RU, ES, NO, CZ, IN, DK, FI, IL, YU)

In-depth patent information for major patent authorities

– English language patents from US/EP/WO from 1976

– Asian patents of JP/KR from 2015 and CN/TW from 2016

Multifile Search with e.g. CAplus, DWPI: commands FSORT, DUPLICATE are available

FIZ Karlsruhe
Leibniz Institute for Information Infrastructure

CAS
A division of the
American Chemical Society

Updates on Thesauri in CAS STNext

Incorporation and Adjustment of terms and codes

1) Updated MeSH (Medical Subject Headings) in **MEDLINE** and Emtree in **EMBASE** for terminology in the area of biomedicine, pharmacology and medical devices

   – New headings added in MESH e.g. on Post-Acute COVID-19 Syndrome

   – New drug, non-drug terms and medical device trade names were added in Emtree e.g. on *tumors and neoplasms*, and *COVID-19* terminology was updated.

2) Revised Manual Codes in **DWPI**

   – New Manual Codes e.g. in solid-state batteries, extension of section *vaccines adjuvants*, additional subdivisions on *cell therapies*

More information on added or changed terms/codes in **CAS STNext Help** and links

If you run Alerts (SDIs) in the respective databases,
we recommend reviewing the used terminology/codes!

FIZ Karlsruhe
Leibniz Institute for Information Infrastructure

CAS
A division of the
American Chemical Society

Unitary Patent in CAS STNext

In CAplus, DWPI, INPADOCDB/INPAFAMDB, and EPFULL

The **EP unitary patent** is an extension of the European patent system that **centralizes the post-grant procedure**. The unitary patent is in effect since June 1, 2023.

- The unitary patent is currently valid in 17 member states of the European Union: AT, BE, BG, DK, EE, FI, FR, DE, IT, LV, LT, LU, MT, NL, PT, SI, SE (08/2023).

- Advantages of the Unitary Patent:
  - Saving costs, simpler post-grant procedure, wider coverage and greater legal certainty

- For further details about the unitary patent, visit the EPO website: https://www.epo.org/applying/european/unitary.html

FIZ Karlsruhe
Leibniz Institute for Information Infrastructure

CAS
A division of the
American Chemical Society

Unitary Patent in CAS STNext

In CAplus, DWPI, INPADOCDB/INPAFAMDB, and EPFULL

All standard retrieval options on the new patent family member and new legal event information are fully supported in CAS STNext:

- Existing patent families will be updated with new **EP C0** family members

- UP participating states with specific display and search options

- **INPADOC legal events:**
- Two new Legal Status Categories specifically monitor Unitary Patent activities
- usual post grant events as fee payment, licensing, lapse, or withdrawal are available

- **Status indicator** for EP C0 documents in INPADOC and CAplus

- **Unitary patent and UPC opt-out monitoring:**

- Standard STNext options and FIZ PatMon

> **UER** – Unitary effect request
> **UOO** – Opt-out from UPC jurisdiction

FIZ Karlsruhe
Leibniz Institute for Information Infrastructure

CAS
A division of the
American Chemical Society

Unitary Patent in CAS STNext

In CAplus, DWPI, INPADOCDB/INPAFAMDB, and EPFULL

```
TI    Pharmaceutical composition of S1PR modulators
IN    Meacci, Elisabetta; Pierucci, Federica
PA    Universita degli Studi di Firenze, Italy
PI
      PATENT NO.            KIND  DATE        APPLICATION NO.        DATE
      --------------        ----  --------    --------------------  --------
      WO 2021024101         A1    20210211    WO 2020-IB57144       20200729
      EP 3972578            A1    20220330    EP 2020-764154        20200729
      EP 3972578            B1    20230705
      EP 3972578            C0    20230705
      US 20220313672        A1    20221006    US 2021-17620879      20211220
PRAI  IT 2019-13890         A     20190802
      WO 2020-IB57144       W     20200729
PSPI
      PATENT NO.            KIND  STATUS        STATUS DATE
      --------------        ----  -----------   -----------
      WO 2021024101         A1    Alive         20210218
      EP 3972578            A1    Indeterminate 20230706
      EP 3972578            B1    Indeterminate 20230706
      EP 3972578            C0    Alive         20230831
      US 20220313672        A1    Alive         20221013
OS    MARPAT  174:483148
```

Search for EPC0/PK

FIZ Karlsruhe
Leibniz Institute for Information Infrastructure

CAS
A division of the
American Chemical Society

Designated Unitary States

Relevant when more countries join the UPC

```
AN    2021-149916 [2021016]    WPINDEX Full-text
TI    Pharmaceutical composition for treatment of atrophy and/or degeneration of
      skeletal muscle, comprises 1-benzyl-1H-pyrrole derivative,
      (3R)-3-amino-4-(3-hexylphenyl)amino-4-oxobutyl-phosphonic acid , and small
      interfering RNA
IN    MEACCI E; PIERUCCI F
PA    (UYFI-N) UNIV FIRENZE
PI    WO 2021024101   A1 20210211 (2021016)* EN 50[41]
      EP 3972578      A1 20220330 (2022027)  EN
      SG 11202114034  A  20220225 (2022046)  EN
      US 20220313672  A1 20221006 (2022081)  EN
      EP 3972578      B1 20230705 (2023054)  EN
      EP 3972578      C0 20230705 (2023071)  EN
DS        U: AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI
```

FIZ Karlsruhe
Leibniz Institute for Information Infrastructure

CAS
A division of the
American Chemical Society

UPC Opt-out Information in Inpadoc

```
TIEN   DETECTING SUCCINYLACETONE.
IN     CERDA, BLAS; CHERKASSKIY, ALEX; LI, YIJUN; LA MARCA, GIANCARLO
PA     PERKINELMER HEALTH SCIENCES, INC.; AZIENDA OSPEDALIERO UNIVERSITARIA
       MEYER DI FIRENZE
PI     EP 2155185          A1 20100224
PI     EP 2155185          A4 20101124
PI     EP 2155185          B1 20120328
PI     EP 2155185          B2 20211201
AI     EP 2008-755064      A  20080505
PRAI   WO 2008-US62694     W  20080505
       US 2007-744789      A  20070504


AN     36136804 INPADOCDB  Full-text


LEGAL STATUS
20230705 EPP01        OPT-OUT OF THE COMPETENCE OF THE UNIFIED PATENT COURT
                      (UPC) REGISTERED
                      20230525
        UOO Opt-out of UPC Jurisdiction
        W OTHER
                      .........................................20230713
```

Search for UOO/LSC2

FIZ Karlsruhe
Leibniz Institute for Information Infrastructure

CAS
A division of the
American Chemical Society

Table of contents

FIZ Karlsruhe
Leibniz Institute for Information Infrastructure

CAS
A division of the
American Chemical Society

Claimed Compounds Tagged in CAS PatentPak

– Currently available for US basics back to 1975, for CN back to 2011, for WO back to 2010, for JP back to 2010, for KR back to 2011, working on EP documents next

FIZ Karlsruhe
Leibniz Institute for Information Infrastructure

CAS
A division of the
American Chemical Society

CAS Sequences

Comprehensive collection

- CAS REGISTRY® sequence data and extracted patent sequences from major patent offices
- Over 600 million patent-sequence relationships from more than 1.1 M patents and 60+ patent authorities
- NCBI sequences (>540 million) are now included in biosequence searches
- Manually curated sequences

New search interface

- Easy access to search modes and parameters
- Sequence search results including alignments and related literature
- Dynamic sorting and filtering
- Crossover results to bibliographic STN databases, e.g., CAplus
- Export to Excel, Download subject sequences in .fasta format
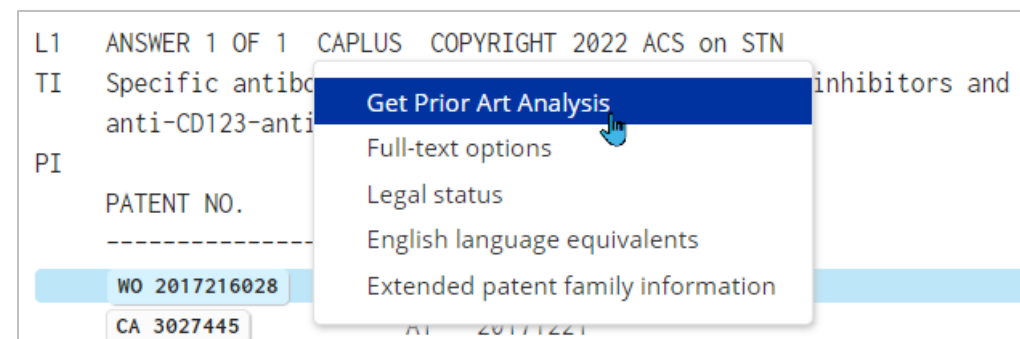- PatentPak coverage added for CAS-indexed biosequences

Prior Art Analysis

Patent automated similarity engine (PaSE)

PaSE tool predicts related prior art:

– Based on a single patent document as the starting point for an AI-search

– Originally developed as a stand-alone tool for the Brazilian INPI to reduce their 9-year backlog in examining patent applications

– Uses CAplus **concepts, indexed substances, IPC codes** and additional **full-text** to generate a list of previously known patent and non-patent documents

– Use **HELP PRART** to explore online assistance

L1   ANSWER 1 OF 1   CAPLUS   COPYRIGHT 2022 ACS on STN
TI   Specific antibo...   inhibitors and
      anti-CD123-anti...
PI
      PATENT NO.

      WO 2017216028   AT   20171221
      CA 3027445

Get Prior Art Analysis
Full-text options
Legal status
English language equivalents
Extended patent family information

Click on PN and start Prior Art Analysis

FIZ Karlsruhe
Leibniz Institute for Information Infrastructure

CAS
A division of the
American Chemical Society

Patent Status Events

Available in INPADOC and CAplus

Four different flags are available as patent status (/STI):

– Alive

– Dead

– Indeterminate

– Transitional

Flags are dynamic:

– Change as new events occur, or to reflect end of patent lifetime

– Only latest flag is retained, all other flags are overwritten

FIZ Karlsruhe
Leibniz Institute for Information Infrastructure

CAS
A division of the
American Chemical Society

CAplus Claims

New search and display fields available

		Corresponding display fields
– Search fields		
– Search claim text	/CLM	CLM
– Search exemplary claim text	/ECLM	ECLM
– Search number of claims	/CLMN	CLMN
– Search for availability of claims	CLM/FA	

– Use /BIEX to search just the Claims, use /BI,BIEX to search both basic index and claims, analogous to DWPI

FIZ Karlsruhe
Leibniz Institute for Information Infrastructure

CAS
A division of the
American Chemical Society

CAplus Claims: for 88% of all Patent Records

Claims text for basic patents has been added to CA/CAplus databases

Current coverage

– CN - coverage from 1985

– DE - coverage from 1997

– EP - coverage from 1979

– GB - coverage from 1927

– JP - coverage from 1983

– KR - coverage from 1999

– RU - coverage from 1994

– US - coverage from 1906

– WO - coverage from 1979

– AU - coverage from 2000

– BR - coverage from 2000

– CH - coverage from 1975

– IN - coverage from 2007

– TW - coverage from 2000

– Non-English language claims are machine translated

Claimed chemical structures and mathematical formulas may be displayed

FIZ Karlsruhe
Leibniz Institute for Information Infrastructure

CAS
A division of the
American Chemical Society

Extended Patent office coverage in CAplus

We added patent data from more patent offices

– CAplus goes from 64 to **109 patent offices**

– One may already see additional family member data for:

– AM, BO, BY, CL, CU, CY, DO, EC, ID, GE, GT, HN, IS, JO, KE, KG, KZ, MA, ME, NI, PA, PE, PY, RS, SA, SV, TH, TN, TT, UA, UY, UZ, VE, VN, BA, IR, MN, MW, MT, PK, SM, TJ, YU, ZM, ZW

These additions enhance the patent family data. Deep indexing will not be performed for these additional authorities.

FIZ Karlsruhe
Leibniz Institute for Information Infrastructure

CAS
A division of the
American Chemical Society

Extended Patent office coverage in CAplus

Dark blue: fully indexed

Light blue: bibliographic data

Grey: no data

FIZ Karlsruhe
Leibniz Institute for Information Infrastructure

CAS
A division of the
American Chemical Society
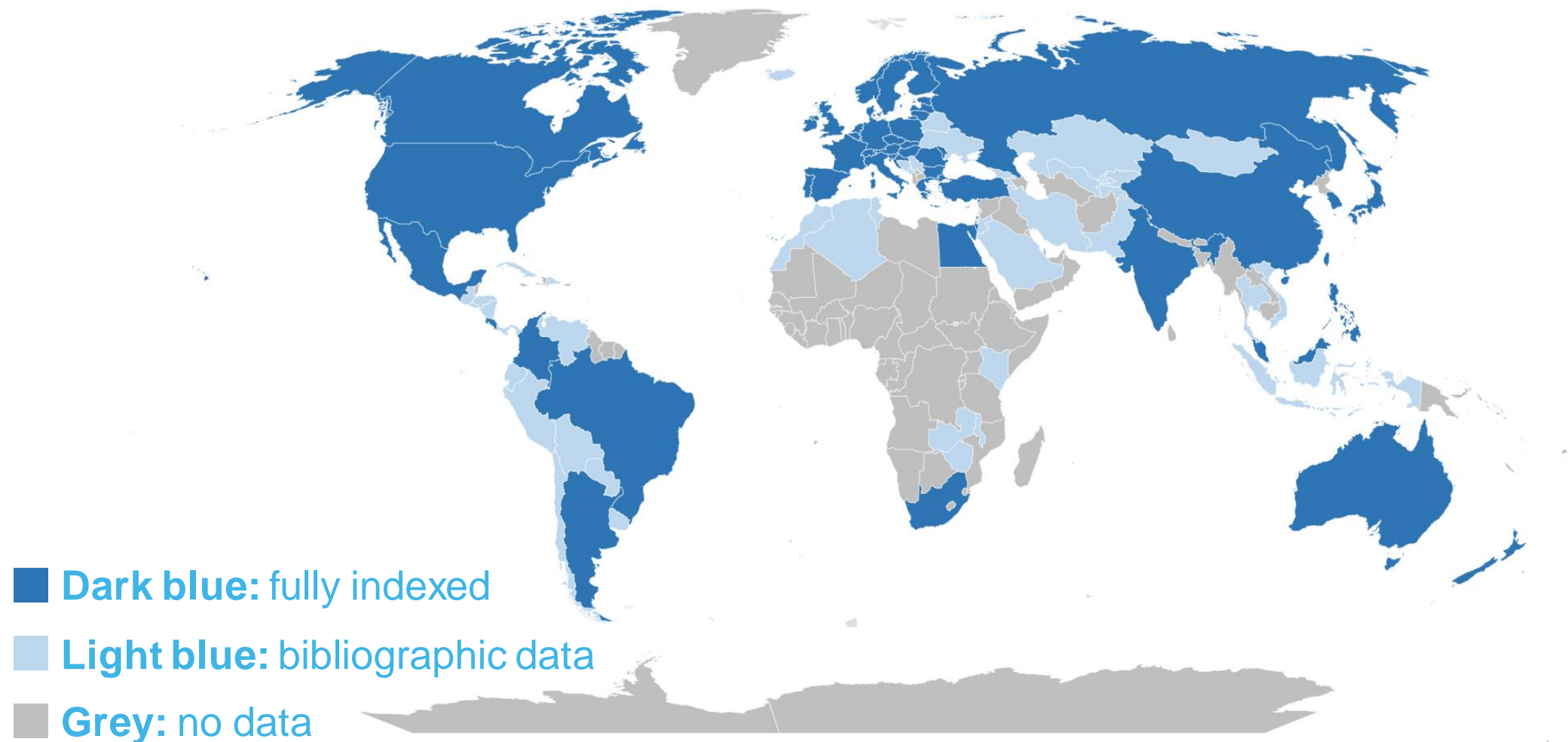
Ultimate Owner Fields in CAplus

Identification of the current owner of a patent

- Company name changes, mergers, acquisitions can often complicate an organization-based IP search

- **Ultimate owner** added to over 70% of CAplus records for search, display and analysis of IP ownership data (also in CASREACT and Marpat)
  - /UO – Ultimate owner
  - /UOS – Ultimate owner standardized

- Data obtained from PatentSight through their manual and algorithmic curation of IP ownership and M&A analysis

  - Significant effort to reduce spelling errors and further standardization

  - Does not provide historical changes or date of transfer of IP rights

- Available to all STN users

FIZ Karlsruhe
Leibniz Institute for Information Infrastructure

CAS
A division of the
American Chemical Society

Acquisition of Patent Rights

Which patents not originally assigned to PIERRE FABRE did they purchase?

```
L4   63 S PIERRE FABRE/UO NOT PIERRE FABRE/PA
```

```
TI    Pharmaceutical composition comprising glycerol, white soft paraffin and
      liquid paraffin for the treatment of uremic xerosis and/or pruritus
IN    Dupuy, Patrick
PA    Orfagen, Fr.
UO    PIERRE FABRE PARCIPATIONS
UOS   Laboratoires Pierre Fabre
PI

      PATENT NO.              KIND  DATE        APPLICATION NO.         DATE
      --------------          ----  --------    --------------------    --------

      US 20120035273          A1    20120209    US 2011-13264653        20111014

      EP 2241351              A1    20101020    EP 2009-305325          20090416

      WO 2010119132           A1    20101021    WO 2010-EP55066         20100416
```

FIZ Karlsruhe
Leibniz Institute for Information Infrastructure

CAS
A division of the
American Chemical Society

CNFULL Reload

Database has been reloaded

– Contains more than 45M family records, updated weekly

– 3M additional design patents, searchable with the Locarno classification (/LCL)

– Original information in Chinese displayable: TIZH, PAZH, INZH, AGZH, ABZH

– TI and AB first machine translated into English, later replaced by human translations

– Two new search fields

  – /CLM.IC   Independent claims

  – /CLM.CG   Claim group (independent claim and its related dependent claims)

– Up-to-date Numeric Property Search feature

– Key Terms (/KT), are now available for nearly all CNFULL records.

FIZ Karlsruhe
Leibniz Institute for Information Infrastructure

CAS
A division of the
American Chemical Society

Claim Group allows for more relevant claim searching

Available in PCTFULL, EPFULL, JPFULL, CNFULL and TWFULL

– Search index comprised of claims belonging to the same group of an independent claim and its dependent claims

– Adds comprehensiveness and precision to your search results: Less noise compared to a search in all claims, more relevant results compared to a limited search in just a single claim

– Claim Group search field: **/CLM.CG**

FIZ Karlsruhe
Leibniz Institute for Information Infrastructure

CAS
A division of the
American Chemical Society

Latest CAS STNext Application & Content Updates

Between problems and progress
are connections that matter

CONTACT

CAS
help@cas.org
cas.org

FIZ Karlsruhe
EMEAhelp@cas.org
stn-international.de

CAS
A division of the
American Chemical Society