



PatentPak™ - A Time Saving Solution for IP Professionals - Is Coming to STN® in Early 2016!



PATENTPAK

A CAS SOLUTION

PatentPak is a robust new patent workflow solution from CAS for IP professionals scheduled to launch on classic STN in early 2016. It supports retrieval and analysis of full-text patent information across organizational workflows, and is designed to radically reduce the time spent pinpointing the relevant chemical substance information within patents. PatentPak will be available in CASM/CAplusSM via STN Express[®] and STN[®] on the WebSM. Click [here](#) for more information.

BizInt Smart Charts and New STN Collaboration Extends and Optimizes Intellectual Property Search Workflow

On September 1, 2015, Chemical Abstracts Service (CAS) and BizInt Solutions, Inc. announced a collaboration to empower search professionals using new STN to seamlessly transition from precision searching to customized reporting and analysis for Intellectual Property (IP) research, discovery and decision support. The introduction of a new export format in new STN earlier this summer allows the optimized integration of STN search results into the culminating, post-search analysis stage of the IP search workflow.



BizInt Smart Charts for Patents enables individuals to aggregate, examine, refine and act upon information from myriad patent information resources. New STN, operated jointly by CAS and FIZ Karlsruhe worldwide, is a modern, Web-based search solution for IP professionals, offering access to essential, curated content through an intuitive, project-oriented interface. By linking the reporting and analytical expertise of BizInt Smart Charts with the unparalleled content and search power of new STN, search professionals can now more effectively find the answers and insight needed to drive sound business decisions.

BizInt Smart Charts for Patents 4.0 supports new STN value-added bibliographic databases, including CAplus and Derwent World Patents Index[®] (DWPISM) from Thomson Reuters, non-patent literature databases and all full-text patent databases. Support for additional databases, including substance and structure databases, will be added in upcoming releases of BizInt Smart Charts. For more information on creating reports from new STN answer sets using BizInt Smart Charts for Patents 4.0, click [here](#).

A Look at Recent Patenting Activity in Insulin Drug Delivery



Type 2 diabetes affects tens of millions of people around the world. Left untreated, the metabolic disorder can eventually lead to blindness, stroke, kidney and heart disease, nerve degeneration, lower limb amputation and increased susceptibility to infection. People with the disease have high blood glucose levels because they've developed resistance to insulin, a peptide hormone (5.808 kilodaltons) that regulates glucose metabolism. The standard treatment for type 2 diabetes is a combination of exercise, diet changes and medication to increase the release of insulin from the pancreas. However, as the disease progresses, many patients require insulin replacement therapy because natural production of the hormone diminishes. Traditionally, these therapies involve injecting insulin under the skin. This can be painful and inconvenient for patients, which makes them less likely to maintain proper treatment regimens. Click [here](#) to learn more about recent patenting activity in insulin drug delivery.

"The Importance of Scientific Information for Patent-Related Endeavors": ACS Chemistry & the Law Division Symposium at the 250th ACS National Meeting



At the August 2015 ACS meeting in Boston, Massachusetts, Science IP® sponsored a Chemistry & the Law (CHAL) Division symposium focusing on patent information. To learn more about the symposium and the talks presented there by Science IP staff and others, click [here](#).

Database News

New Version of Emtree Introduces over 800 New Terms to Embase™ on STN

The September 2015 version of Emtree added over 800 new preferred terms for Embase and Embase Alert searching on classic STN platforms, as well as on new STN. The new terms include:

- 258 drug terms (assigned to the Chemicals and Drugs facet)
- 558 non-drug terms

In total, Emtree now includes 72,543 preferred terms.

Further information on the latest changes to Emtree may be found [here](#). If you are running alerts in Embase, please consider reviewing the lists of new and replacement terms in case your strategies need to be updated.

Search Tip

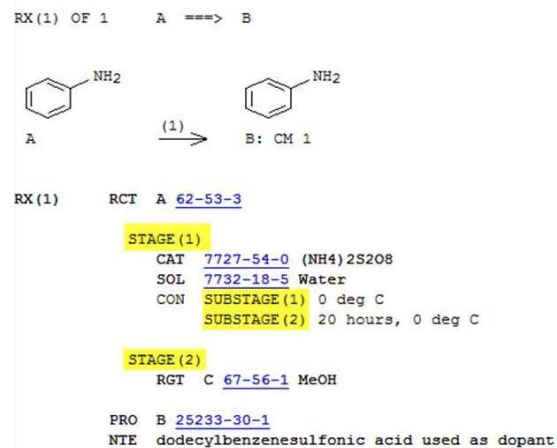
Searching for Deuterated, Tritiated and Isotopically Labeled Substances in New STN

Interested in learning how to search for deuterated, tritiated, and isotopically labeled substances using new STN? Please click [here](#) for all you need to know.

CAS Customer Center Tip

Q. My reaction search in CASREACT® on STN called for one-step reactions (1/NS), but my results included a reaction with two stages and two substages. Why was that answer retrieved by my search? What are the differences between reaction steps, stages and substages?

A. The following reaction was retrieved:



The **reaction step** shows a single conversion of reactant A to product B. Conversions are generally bounded by either a yield or single experimental procedure. Because the reaction meets the criteria of the number of steps being equal to 1 (i.e., 1/NS), it is a valid answer for this query.

Multiple **reaction stages** may be included in reactions. In the example above, there are two reaction stages. Each stage of the reaction reflects at least one experimental change, e.g., addition of a new reactant, reagent, catalyst or quenching solvent. In this case, the second stage includes the addition of a new reagent, methanol.

STN® by the numbers

The leading patent authorities covered in MARPAT® are as follows:

Patent Authorities	Basic Patents Covered in MARPAT
WO	133,089
JP	120,221
US	58,729
EP	49,442
DE/DD	31,402
CN	31,126
FR	7,119
KR	5,343
GB	3,647
IN	1,658

Data as of September 29, 2015

Upcoming Training

October 22, 2015

9:00 am EDT

Getting the most out of the DWPI record on new STN

October 22, 2015

2:00 pm EDT

Getting the most out of the DWPI record on new STN

November 4, 2015

9:00 am EST

PatentPak - A time-saving solution coming soon to STN!

November 4, 2015

1:00 pm EST

PatentPak - A time-saving solution coming soon to STN!

November 19, 2015

9:00 am EST

Searching DWPI polymer indexing on new STN

Reaction substages are defined as changes in reaction conditions (changes in the time, temperature, pressure and/or pH within a specific stage) with no change in the reaction participants. As examples, see the two substages associated with Stage 1 above.

Please [contact](#) the CAS Customer Center if you have any questions about STN.

Save the Date!

STN Patent Forum at PIUG NE

Monday, October 12, 2015

More details [here](#).

Your Opinion Matters

Help shape the future of CAS products! [Sign up](#) for upcoming research activities, from short surveys to Web-based design discussions.

November 19, 2015

2:00 pm EST

Searching DWPI polymer indexing on new STN

Register for all of the training classes [here](#).

Tradeshows

September 30-October 2, 2015

Toronto, Canada

[AIPF \(Assoc. of Intellectual Property Firms\)](#)

October 5-9, 2015

Las Vegas, NV

[Supply Side West](#)

October 12-14, 2015

New Brunswick, NJ

[PIUG 2015 Northeast Conference](#)

October 18-20, 2015

Nice, France

[ICIC](#)

October 20-21, 2015

Houston, TX

[Gulf Coast Conference](#)

October 22-25, 2015

Washington, DC

[AIPLA Annual Meeting](#)

October 25-28, 2015

New York, NY

[LES \(Licensing Executives Society\) Annual Meeting](#)