

# STN DATABASES A - Z



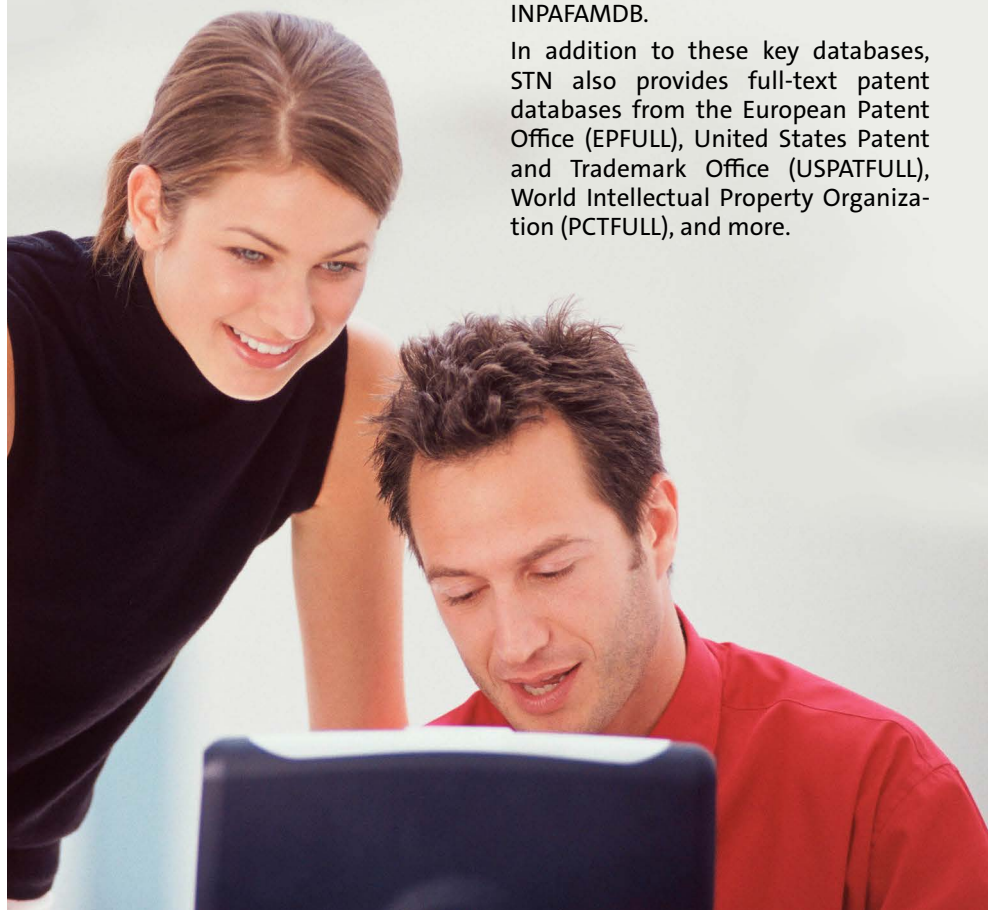
## STN® Databases

STN provides global access to an integrated network of the most important and comprehensive sci-tech and patent databases from the world's most respected producers. With STN, you can find precisely what you need to answer business-critical questions, whether it's the answer to a broad research question or information about a single molecule.

A world of patent information - STN's unparalleled offer STN integrates the world's largest and most important value-add and first level patent databases on one platform.

Patent databases on STN are key information resources for determining patentability, state of the art, infringement, and the legal status of the patents. And: Only on STN you can search patent information from Clarivate Analytics, Chemical Abstracts Service, and the European Patent Office's worldwide Patent Information Resource in one place: Derwent WPI<sup>SM</sup>, CAPlus<sup>SM</sup>, and INPADOCDB/INPAFAMDB.

In addition to these key databases, STN also provides full-text patent databases from the European Patent Office (EPFULL), United States Patent and Trademark Office (USPATFULL), World Intellectual Property Organization (PCTFULL), and more.





## Wide subject coverage

The unsurpassed collection of essential sci-tech and medical databases on STN covers a wide range of topics including

- Bioscience
- Biotechnology
- Business
- Chemistry
- Energy and Environment
- Engineering
- Health and Safety
- Materials Science
- Medicine
- Nanotechnology
- Pharmacology
- Toxicology
- and more.

In addition, STN provides the largest repository of publicly available bio-sequence information from patents and the journal literature. Biosequence information is stored in highly specialized databases on STN.

## Unsurpassed substance searching

With REGISTRY, STN provides the world's most authoritative collection of disclosed substance information, principally from patents and journals, as well as other reliable sources such as chemical catalogs, substance inventories, and collections on the web.

In addition, STN provides access to other key substance databases, including CASREACT®, GENESEQ (DGENE), USGENE®, MARPAT®, the Derwent Chemistry Resource (DCR), the Derwent Markush Resource (DWPM), and REAXYFILE – making STN the most comprehensive source for substance information.


To support substance content, STN also provides the most robust substance searching capabilities available, including structure, property, sequence, and chemical name searching. When you find your substance of interest, STN also allows you to easily locate related references in the literature.

The numeric search feature for physical and chemical properties is unique in the world.

## Seamless access to full-text

The full-text of documents for which references have been retrieved in STN databases can be accessed via the STN Full-Text Solution. By clicking the “Full-Text” button in an STN database record, you will get seamless access to the full text of the original document via the STN Full-Text Solution. A high-quality, human translation service for patents in Asian, Arabic or Russian is available via AutoDoc.

STN International is jointly operated by FIZ Karlsruhe and CAS worldwide and represented in Japan by JAICI.



For each database detailed information with search examples is available in the “STN Content” section at [www.stn-international.com](http://www.stn-international.com).

## 1MOBILITY/2MOBILITY

Producer: [SAE International](#)

These databases contain information from worldwide technical literature on technologies, standards and specifications for self-propelled vehicles for land, sea, air, and space. Topics include engines, safety, materials, fuels and lubricants, design, and manufacturing.

## ADISCTI

Producer: [Wolters Kluwer Pharma Solutions](#)

Adis Clinical Trials Insight is a bibliographic and full-text file containing key papers from more than 1,700 international medical and biomedical journals on drugs, drug therapy, adverse drug reactions, and pharmacoeconomics.

## ADISINSIGHT

Producer: [Wolters Kluwer Pharma Solutions](#)

The Adis R&D Insight file contains the full text of reports, i.e., profiles, on drugs in active research and development by the international pharmaceutical industry.

## ADISNEWS

Producer: [Wolters Kluwer Pharma Solutions](#)

Adis Newsletters contains the full-text articles on the most important developments in drugs and drug therapy from the world’s biomedical literature, major meetings, and symposia.

## AEROSPACE

Producer: [ProQuest LLC](#)

Aerospace and High Technology Database covers published literature on basic and applied research in aeronautics, astronautics, and space sciences, as well as technology development and applications in complementary and supporting fields.

## AGRICOLA

Producer: [National Agricultural Library \(NAL\) of the U.S. Department of agriculture](#)

Agriculture Online Access is a bibliographic database containing selected worldwide literature of agriculture and related fields. Coverage of the database includes agricultural economics and rural sociology, agricultural production, animal sciences, chemistry, entomology, food and human nutrition, forestry, natural resources, pesticides, plant science, soils and fertilizers, and water resources. Also covered are related areas such as biology and biotechnology, botany, ecology, and natural history. Features include thesauri for controlled and geographic terms.

## ANABSTR

Producer: [The Royal Society of Chemistry](#)

The Analytical Abstracts database covers worldwide literature on analytical chemistry. Features include CAS Registry Numbers and index terms that facilitate searching for the identified elements and compounds (Analyte), the analysed media (Matrix) or the applied analytical methods (Concepts).

## APOLLIT

Producer: [FIZ Karlsruhe](#)

The Applied POLymers LITERature database contains citations to worldwide literature on the production, applications, and technological properties of plastics, rubbers and fibers, the fundamental physical and chemical properties of polymers, and the environmental and economic aspects of plastics.

## AUPATFULL

Producer: [LexisNexis Univentio BV](#)

Full text of patent applications and granted patents in Australia (AU) from 1966 onwards. Features include numeric property search (NPS) and legal status display from INPADOC.

## BIOSIS

Producer: [Clarivate Analytics](#)

The largest and most comprehensive life science database in the world, BIOSIS Previews covers all aspects of biology and biomedicine. Features include CAS Registry Numbers and BIOSIS thesauri for controlled and geographic terms, as well as organism names.

## BIOTECHABS/BIOTECHDS

Producer: [Clarivate Analytics](#)

Derwent Biotechnology Resource covers the worldwide literature on all aspects of biotechnology, from genetic manipulation, through biochemical engineering and fermentation, to downstream processing.

## BIOTECHNO

Producer: [Elsevier Science BV](#)

Elsevier BIOTECHNOBASE provides comprehensive international coverage of scientific, technological, and professional biotechnology literature – from both modern biotechnology (genetic engineering, bioreactors, industrial processes, etc.) and traditional biotechnology (breeding, fermentation, etc.).



## CAPLUS

Producer: [Chemical Abstracts Service \(CAS\)](#)

Chemical Abstracts Plus (CAPLUS<sup>SM</sup>) is the most current and comprehensive bibliographic database of chemical information, CAPLUS is directly linked to its companion file CAS REGISTRY<sup>SM</sup> which is the broadest collection of chemical substance information worldwide. CAPLUS and CAS REGISTRY offer intellectually analyzed content obtained from journal and patent literature.

CAPLUS covers patent and journal article references from all areas of chemistry, biomedical sciences, engineering, materials science and agricultural science.

Coverage goes back to 1907. The file is updated daily and now contains

- more than 14.1 million records for patent publications from 63 patent-issuing authorities
- more than 35.3 million records for articles from thousands of journals worldwide, technical disclosures, books, conference proceedings, dissertations, reviews, etc.
- patent references from 9 major patent authorities, available within 2 days of publication; records are fully indexed within less than 27 days from the date of publication
- value-added content including substance-specific indexing (CAS Registry Numbers<sup>®</sup>) and controlled vocabulary for concept information.

## CABA

Producer: [CAB International](#)

The CAB Abstracts database covers worldwide literature from all areas of agriculture and related sciences including biotechnology, forestry, and veterinary medicine. Features include numeric property search (NPS), the CAB controlled terms thesaurus, the CAB geographic terms thesaurus, and CAS Registry Numbers.

## CANPATFULL

Producer: [LexisNexis Univentio BV](#)

Full text of patent applications and granted patents published in Canada (CA) from 1906 onwards. Features include numeric property search (NPS) and legal status display from INPADOC.

## CASREACT

Producer: [Chemical Abstracts Service \(CAS\)](#)

Chemical Abstracts Reaction Search Service contains information on reactions of organic substances, including organometallics and biomolecules.

## CBNB

Producer: [Elsevier \(Engineering Information\)](#).

Chemical Business NewsBase contains information about chemical markets and products worldwide, with special emphasis on Europe. CBNB covers legislation, litigation, licensing, environmental aspects of chemical business, merger information, markets, sales, new products, production, trading, and company results. Features include CAS Registry Numbers and Standard Industrial Code (SIC).

## CEABA-VTB

Producer: WTI-Frankfurt-digital GmbH

The merged Chemical Engineering and Biotechnology Abstracts (Vefahrenstechnische Berichte) database covers the international scientific and technical literature on chemical engineering and biotechnology. Controlled terms and classifications are available in English and German.

## CHEMCATS

Producer: Chemical Abstracts Service (CAS)

Chemical Catalogs Online is a catalog file containing information about millions of commercially available chemicals and their worldwide suppliers.

## CHEMLIST

Producer: Chemical Abstracts Service (CAS)

The Regulated Chemicals Listing file contains information about chemical substances listed on more than 100 national and regional inventories. CHEMLIST offers the convenience of identifying – in one place – the regulatory requirements for a specific substance from many of the world's most significant regulated substances lists. Covered are substances on the United States EPA TSCA (Environmental Protection Agency Toxic Substances Control Act) Inventory or those subject to regulations under the Toxic Substances Control Act or similar US legislation incl. US state lists; lists from Canada (e.g., the Canadian Domestic Substances List (DSL) and Non-Domestic Substances List (NDSL)); Mexico, the European Union (e.g., EINECS and REACH), Switzerland, Israel, China, Japan, South Korea, Taiwan, the Phil-

ippines, Australia and New Zealand. Records contain substance identity information, inventory status, source of information, and summaries of regulatory activity, reports, and other compliance information.

## CIN

Producer: Chemical Abstracts Service (CAS)

CIN is the online version of Chemical Industry Notes®, which covers information related to the chemical business industry. CIN also provides worldwide coverage of governmental regulatory and legislative activities that impact the chemical industry.

## CNFULL

Producer: Questel

Full text of patent applications, granted patents, and utility models published in the People's Republic of China from 1985 onwards. Claims and descriptions are created by machine translation, titles and abstracts are human translated. Features include numeric property search (NPS) and legal status display from INPADOC.

## COMPENDEX

Producer: Elsevier (Engineering Information)

One of the largest technology databases worldwide, COMPENDEX covers all engineering disciplines including chemical, computer, electrical, civil and mechanical engineering in significant depth. Features include numeric property search (NPS).



## COMPUSCIENCE

Producer: FIZ Karlsruhe

The Computer Science database contains information related to computers, including theoretical computer science, computer graphics, software, information systems, artificial intelligence, and education.

## CROPB/CROPU

Producer: Clarivate Analytics

The Derwent Crop Protection File covers all aspects of pesticides, including their use in crop protection and pest control.

## CROPR

Producer: Clarivate Analytics

The Crop Protection Registry File is a companion to the Crop Protection File (CROPU). Each record lists the biological activity and chemical substructure characteristics of an individual compound. The database may be used as a standalone file for structure activity searching.

## DDFB/DDFU/DRUGB/ DRUGU/

Producer: Clarivate Analytics

The Derwent Drug File provides information from the worldwide pharmaceutical literature on all aspects of drugs, from drug design to post marketing surveillance. Coverage includes articles on drug analysis, biochemistry, chemistry, pharmacology, adverse effects, clinical studies, disease treatment, toxicology, animal studies, mechanism of action, drug interactions and comparisons. The database draws on about 1,150 medical and scientific journals as well as congress and conference proceedings. Features include CAS Registry Numbers, Enzyme Commission Numbers, and the Derwent Drug File Thesaurus. The Subscriber File DRUGU is structure-searchable.

## DEFULL

Producer: Questel

DEFULL covers the full text of published patent applications, granted patents and utility models in Germany (DE) from 1877 onwards. Titles, abstracts, descriptions and claims are available in German and machine-translated English. Features include numeric property search (NPS) as well as family and legal status display from INPADOC.





## DGENE

[Clarivate Analytics](#)

The GENESEQ database contains information on nucleic acid and protein sequences extracted from the Derwent World Patents Index (DWPI) basic patent documents published by 48 patent offices worldwide. Coverage includes all nucleotide sequences longer than nine bases, all protein sequences longer than three amino acids and probes and primers of any length. More than half of the sequence data that appears in DGENE is not available in any other public sequence database. Records contain bibliographic information; Clarivate Analytics assigned titles, abstracts, detailed indexing, and the sequence data. DGENE contains the GETSEQ searching package for exact match sequence searching in the file. Two algorithms are available for similarity searching of protein and nucleotide sequences: FASTA based GETSIM, and BLAST. Additionally, sequence similarity based current-awareness searching is made available via the ALERT feature.

## DJDSMDS/DJSMONLINE

[Producer: Clarivate Analytics](#)

The Derwent Journal of Synthetic Methods File is a structure searchable chemical reactions database designed on the principles set out originally by Theilheimer, which provides key references on novel synthetic methods from the worldwide patent and scientific literature.

## DKF

[Producer: WTI-Frankfurt-digital GmbH](#)

The German Automotive Engineering Database provides access to literature on all aspects of motor vehicle design, construction and manufacturing. Records are in German with additional titles in English. A significant part of the information contained in the database is grey literature, i.e., reports, technical papers and academic theses from around the world.

## DPCI

[Producer: Clarivate Analytics](#)

Derwent Patents Citation Index is a unique database containing citations of patents and literature including those referenced by the examiner, inventor/author, or opposition/third party during the determination of patentability. It is patent family based, highlighting retrospective technological origins of an invention as well as its impact on future technology.



DWPI – see WPIDS/WPINDEX/WPIX

## DWPIM

Producer: [Clarivate Analytics](#)

DWPIM is a structure-based database including more than 2.2 million Marsh structures from more than 900,000 Derwent World Patents Index (DWPI) documents. A total of 33 patent authorities are covered. For US, EP and WO, coverage begins with 1978. Coverage also includes INPI (French patent office) backfile data from 1961-1998.

## EMBASE

Producer: [Elsevier B.V.](#)

The Excerpta Medica database covers worldwide literature in the biomedical and pharmaceutical fields, including biological science, biochemistry, human medicine, forensic science, pediatrics, pharmacy, pharmacology and drug therapy, pharmacoeconomics, psychiatry, public health, biomedical engineering and instrumentation, and environmental science. Sources for EMBASE include more than 8,500 journals from approximately 95 countries. Features include chemical names, drug trade names, drug manufacturer names, medical device trade names, medical device manufacturer names, molecular sequence numbers, CAS Registry Numbers and the Emtree thesaurus.

## ENCOMPLIT/ENCOMPLIT2

Producer: [Elsevier Engineering Information, Inc.](#)

The EnCompass Literature File contains citations to non-patent literature covering the petroleum refining, petrochemical and natural gas, and energy industries, including information on alternate energy sources and environmental effects of energy.

## ENCOMPAT/ENCOMPAT 2

Producer: [Elsevier Engineering Information, Inc.](#)

The EnCompass Patent File covers worldwide patents relating to the petroleum, petrochemical, natural gas, and energy industries, including those on alternate energy sources and environmental effects of energy. EnCompPat is available only to EnCompass supporters. Access to EnCompPat2 by non-subscribers is restricted to two hours per year per organization of combined usage with EnComplit2 on all vendors.

## ENERGY

Producer: [International Cooperation in the framework of the International Energy Agency/Energy Technology Data Exchange](#)

The DOE ENERGY database covers worldwide literature on energy research and technology for all kinds of energy sources, including environmental aspects.

## EPFULL

Producer: European Patent Office/  
FIZ Karlsruhe

European Patents Full text database covers the full text of European patent applications and granted European patents as well as bibliographic records for PCT (Patent Cooperation Treaty) applications transferred to the EPO from 1978 onwards. Database records comprise all documents published for one European application number. Records contain bibliographic data, titles in English, French and German, the original abstract plus the English translation of German and French abstracts and legal status information. For applications the full text of detailed description and claims is given in one of the EPO's official languages English, German or French; for examined granted patents the description is given in the original language, claims are available in all three languages. For each document the complete legal status history is maintained. All legal status events are fully searchable, including former names, addresses, and titles if they were reassigned. Numeric property search (NPS) is available.

## ESBIOBASE

Producer: Elsevier B.V.

Elsevier BIOBASE is a bibliographic current awareness database providing comprehensive coverage of the entire spectrum of biological research worldwide. Coverage includes also biotechnology, clinical chemistry, molecular biology, protein biochemistry, and toxicology. Records are selected from over 1,700 international scientific journals, books, and conference proceedings.

## FRANCEPAT

Producer: Institut National de la Propriété Industrielle (INPI)

FrancePat contains information on all French patent applications and granted French patents published by the Institut National de la Propriété Industrielle (INPI), including all patents published in France since 1966 as well as all special pharmaceutical patents (Brevets Spéciaux Médicaments) published between 1961 and 1978.

## FRFULL

Producer: LexisNexis Univentio B.V.

FRFULL contains full texts of French patent applications, patent specifications, and utility models. Titles, abstracts, descriptions, and claims are available in French and machine-translated English. Features include legal status and family data from INPADOC.



## FSTA

Producer: International Food Information Service

The Food Science and Technology Abstracts database provides worldwide coverage of all health, scientific and technological aspects of the processing and manufacture of human and pet food and beverage products. Coverage includes basic food sciences, biotechnology, hygiene and toxicology, engineering, packaging, and all individual foods and food products. Features include the FSTA thesaurus and numeric property search (NPS).

## GBFULL

Producer: LexisNexis Univentio B.V.

GBFULL (United Kingdom (GB) Patents FULLtext database) covers the full text of patent applications published in the United Kingdom. It is an excellent additional source of primary data for English-language prior art searches as about 25% of the British applications are not applied for and thus published elsewhere. Features include legal status, family, and citation data from INPADOC.

## GENBANK

Producer: National Center for Biotechnology Information

GENBANK® contains nucleic acid sequence data and related descriptive and bibliographic information. Information for GENBANK is gathered primarily from journal literature and direct author submissions. Nucleic acid sequences can be searched in the REGISTRY file; the corresponding bibliographic citations and descriptive information can be searched in GENBANK using CAS Registry Numbers. CAS abstract information and additional index terms can be searched in the CA file using the CAS accession numbers that are part of the GENBANK record.

## GEOREF

Producer: American Geological Institute

The Geological Reference File covers the worldwide literature on geology and geosciences, including alloys, crystallography, fuels, and petroleum. Features include the GEOREF thesaurus and searchable map coordinates.

## ICSD

Producer: FIZ Karlsruhe

The Inorganic Crystal Structure Database contains the complete structural information for inorganic compounds, including compound name, molecular formula, crystal symmetry group, unit cell parameters, atomic coordinates, and temperature factors.

## IFIALL

Producer: [IFI CLAIMS® Patent Services](#)

Front page and bibliographic data, abstracts and claims from U.S. patents. Chemical and chemically related patents are covered from 1950 to the present, mechanical and electrical patents from 1963 to the present. Design patents are covered from 1980 to the present. U.S. applications published since March 15, 2001, are also included.

## IFICLS

Producer: [IFI CLAIMS® Patent Services](#)

The IFI Current Patent Legal Status database provides information on the current legal status of U.S. patents. The database includes reassigned patents when ownership of the patent has been transferred from 1980 to present; reexamined patents that have undergone a review due to patentability questions from 1981 to the present; expired patents from September 1985 to the present; patents extended beyond the normal 17-year patent life from 1985 to the present, reinstated patents from 1985 to the present; patents with adverse decision in interference from 1980 to the present; and disclaimer/dedication information from 1980 to the present; and reexamination requests from 1980 to the present, requests for reissue from 1985 to present and certificate of correction notices.

## IFIREF

Producer: [IFI CLAIMS® Patent Services](#)

The IFI Uniterm and U.S. Class Reference file is a special reference file for the IFIALL file. IFIREF contains U.S. Patent Office (USPTO) classification codes and titles, plus authority data for general, fragment and compound Uniterms.

## IMSRESEARCH

Producer: [IMS HEALTH \(IMSworld Publications Ltd.\)](#)

The IMS LifeCycle R&D Focus database covers all phases of drug development worldwide, from laboratory or patent report to clinical trials to international marketing launches.

## INFULL

Producer: [LexisNexis Univentio B.V.](#)

INFULL (INdian Patents FULLtext database) covers the full text of patent applications and granted patents published in India. Features include family display from INPADOC and numeric property search (NPS).

## INPADOCDB

Producer: European Patent Office/  
FIZ Karlsruhe

The International Patent Documentation Database contains bibliographic and family data of patent documents and utility models from of more than 100 patent-issuing organizations, including the European Patent Office and the World Intellectual Property Organization (WIPO). In addition, the legal status data of 77 patent issuing organizations (53 countries + 24 countries of the national phases PCT/EP) are included. Calculated expiration dates are provided for granted IP rights for 41 patent authorities.

Bibliographic data is subject to special quality procedures to provide best possible patent family recognition.

INPADOCDB presents the worldwide patent data from the patent applications view, whereas INPAFAMDB presents the patent families view.

## INPAFAMDB

Producer: European Patent Office/  
FIZ Karlsruhe

INPAFAMDB (INternational PA-tent FAMily DataBase) contains the patent family data of patent documents and utility models from more than 100 patent-issuing organizations including the European Patent Office (EPO) and the World Intellectual Property Organization (WIPO).

In addition, the legal status data of 77 patent issuing organizations (53 countries + 24 countries of the national phases PCT/EP) are included. Calculated expiration dates are provided for granted IP rights for 41 patent authorities.

Bibliographic data is subject to special quality procedures to provide best possible patent family recognition.

INPAFAMDB presents the worldwide patent data from the patent families view, whereas INPADOCDB presents the patent applications view.

## INSPEC

Producer: [The Institution of Engineering and Technology \(IET\)](#)

Containing over 19 million records, Inspec is one of the most relevant abstract and indexing databases for subject-specific and interdisciplinary research in the fields of engineering, physics and computer science. INSPEC covers the worldwide literature in physics, electronics and electrical engineering, computers and control engineering, information technology for business, and mechanical and production engineering.

Features include numeric property search (NPS) and the INSPEC thesaurus.

## INSPHYS

Producer: [The Institution of Engineering and Technology \(IET\)](#)

The INSPEC PHYS Supplement Backfile (INSPHYS) database covers the worldwide literature on all fields of physics, astronomy, astrophysics and related areas.

## IPA

Producer: [Clarivate Analytics](#)

The International Pharmaceutical Abstracts (IPA) database contains international coverage of pharmacy and health-related literature, including drug therapy, pharmacy practice and management, and the legal aspects of pharmacy and drugs.

## JAPIO

Producer: [Japanese Patent Office](#)

The Japan Patent Information Organization database provides English-language access to Japanese unexamined patent applications (Kokai Tokkyo Koho) in all technologies provided on PAJ (Patent Abstracts of Japan) CD-ROMs. The file is enhanced with bibliographic data from INPADOCDB records from April 1973 - December 1997.

## JPFULL

Producer: [Questel](#)

Full text of patent applications, granted patents and utility models published in Japan.

Descriptions and claims are in machine-translated English; abstracts are either machine-translated or taken from equivalent documents. Titles and abstracts are human translated. Features include numeric property search (NPS) and family and legal status display from INPADOC.

## KOREAPAT

Producer: [Korean Institute of Patent Information](#)

Korean Patent Abstracts, produced by the Korean Institute of Patent Information (KIPI) on behalf of the Korean Intellectual Property Office (KIPO), is a bibliographic patent database with human translated English abstracts and titles.



## KOSMET

Producer: International Federation of the Societies of Cosmetic Chemists (IFSCC)

KOSMET is a bibliographic database containing citations to the worldwide literature on cosmetics and perfumes, with an emphasis on scientific and technical research and studies. Coverage includes product development, knowledge of healthy skin and its adnexa (hair, nails, teeth, glands), trading of perfumes and cosmetics, research and development of raw materials, active ingredients, formulations, manufacture, analysis, safety, in-vitro toxicology, physiochemical properties, biological properties, stability, packaging and clinical studies. Sources include periodicals, technical publications, and conference proceedings. A specialty of KOSMET is the complete coverage of reports from IFSCC congresses and meetings.

## KRFULL

Producer: Questel

KRFULL covers the full text of patent applications, granted patents, and utility models published by the Korean Intellectual Property Office. Full-text in machine-translated English is available for the complete file.

Features include numeric property search to enable numeric search in physical and chemical properties, key terms to support efficient full-text searching and results evaluation, standardized and normalized patent assignee names, CPC combination sets, and an additional update date for the full-text only. Bibliographic information has been augmented with related application information, and original patent, application and priority numbers.

Detailed description and claims in English are available from the first publication year 1978 to the present. The records can also be displayed in Korean.





## LITALERT

Producer: Clarivate Analytics

LitAlert is a unique tool for researching litigation activity in U.S. patent and trademark portfolios. LitAlert includes records of IP lawsuits filed in the 94 US District Courts since 1973, as reported to the Commissioner of the US Patent and Trademark Office.

## MARPAT

Producer: Chemical Abstracts Service (CAS)

MARPAT is a complex and rich database of chemical Markush structures from patents cited in the CAPLUS file. Structure searching in MARPAT allows retrieval of patent records that might be missed by relying solely on other types of patent searching. Covered are more than 1.2 million Markush structures from 63 patent authorities.

MARPAT includes Markush structures that are representations of organic or organometallic molecules. Usually, the Markush structure in a patent consists of a structure diagram with real atoms (C, N, P, etc.) and generic representations and textual descriptions defining the extent of the generic representations. The textual descriptions can be specific or generic.

## MEDLINE

Producer: U.S. National Library of Medicine

MEDLINE contains information on every area of medicine, e.g. biomedical research and clinical studies, biochemistry, bioethics, dental medicine, nursery, pharmacy, psychology, public health, space medicine, toxicology, and veterinary medicine. Over 99% of MEDLINE's records are references to journal articles. Coverage begins in 1946, with currently nearly 30 million records. Features include the MeSH thesaurus.

## METADEX

Producer: ProQuest LLC

Metals Abstracts/Alloy Index is a bibliographic database covering the worldwide literature on metallurgy and materials.

MOBILITY see 1MOBILITY/2MOBILITY

## MSDS-OHS

Producer: ChemADVISOR, Inc.

The OHS Material Safety Data Sheets database contains information about individual chemical substances to address global environmental, health, and safety concerns.



## NAPRALERT

Producer: University of Illinois at Chicago,  
College of Pharmacy

Natural Products Alert contains information on the biological, biochemical, and economic aspects of natural drugs and their constituents. Natural Products Alert contains information on the biological, biochemical, and economic aspects of natural drugs and their constituents. NAPRALERT covers pharmacology, biological activity, taxonomic distribution, ethics in medicine, and the chemistry of plant, microbial, or animal (including marine) extracts. Records in NAPRALERT relate to organisms and natural products. Nearly 50% of the database contains records obtained by systematic indexing of literature since 1975. The remaining records are compiled as a result of retrospective data selection dating back to 1650.

## NTIS

Producer: National Technical Information  
Service (NTIS)

The National Technical Information Service database contains abstracts on government-sponsored research, which corresponds to Government Reports Announcements & Index. The file contains records for all areas of science, including chemistry and material sciences, engineering, technology, and environmental protection.

## PATDD

Producer: German Patent and Trademark  
Office

PATDD contains bibliographic information and abstracts of patent publications published by the former German Democratic Republic until October 2, 1990, and by the German Patent and Trademark Office from October 3, 1990. Also, the database contains the bibliographic data of patents granted according to the patent law of the GDR published by the German Patent and Trademark Office from October 3, 1990 onwards.

## PATDPA

Producer: German Patent and Trademark  
Office

PATDPA covers bibliographic and legal status data of all kinds of patent documents and utility models published by Deutsches Patent- und Markenamt (German Patent and Trademark Office) as well as all kinds of patent documents from the European Patent Office and the World Intellectual Property Organization (WIPO) designated for the Federal Republic of Germany. The file was closed in 2011.

## PATDPAFULL

Producer: German Patent and Trademark Office

The PATDPAFULL database contains the full text of German published patent applications (Offenlegungsschriften) from 1981, granted patents (Patentschriften) from 1981, translations of European patent documents (T2 documents) from 1992, as well as German utility models (Gebrauchsmuster) from 1981, filed with the German Patent and Trademark Office. The language of the file is German.

## PATDPASPC

Producer: German Patent and Trademark Office

PATDPASPC contains all German Supplementary Protection Certificates (SPCs) for medicinal or plant protection products from 1992 to October 2013.

## PCTFULL

Producer: LexisNexis Univentio B.V.

WIPO/PCT Patents Full-Text database covers the full text of PCT (Patent Co-operation Treaty) published applications issued under the auspices of the World Intellectual Property Organization (WIPO). At present, 152 contracting states participate in the PCT system. Abstracts are in English and French. The text fields are generally available in one or more of the official languages English, French, German, Spanish, Japanese, Chinese, Korean, and Russian. Some are also available in other European languages. English machine translations of title, abstract, description or claims are available for the following languages: French, Spanish, German, Russian, Japanese, Chinese, and Korean. For some documents content is available in an English transliteration. Features include numeric property searching (NPS).

## PCTGEN

Producer: World Intellectual Property Organization/FIZ Karlsruhe

PCTGEN contains information on nucleic acid and protein sequences submitted to the World Intellectual Property Organization (WIPO) by the patent applicants. Features include several options for sequence searching, among them direct sequence searching using the Sequence Code Match (SCM), and homology searching using the FASTA algorithm-based GETSIM function and the BLAST algorithm.

## PIRA

Producer: Pira International

PIRA & PAPERBASE database provides access to international literature on business and technological development of the pulp and paper, imaging, packaging, printing, publishing, and nonwovens industries, including environmental issues.

## PQSCITECH

Producer: ProQuest LLC

PQSCITECH (ProQuest Science and Technology) is a valuable and huge resource of over 27 Mio documents in all areas of science and technology from engineering to life-science.


The file is a merger of 25 former STN databases known as CSA databases (Cambridge Scientific Abstracts):

AEROSPACE, ALUMINIUM, ANTE, AQUALINE, AQUASCI, BIOENG, CERAB, CIVILENG, COMPUAB, CONFSCI, COPPERLIT, CORROSION, ELCOM, EMA, ENVIROENG, HEALSAFE, LIFESCI, LISA, MATBUS, MECHENG, METADEX, OCEAN, POLLUAB, SOLIDSTATE, and WATER. AEROSPACE and METADEX are also available as separate files. PQSCITEC sources are journals, patents, books, reports, and conference proceedings. The records contain bibliographic and indexing information, and abstracts.

## PS

Producer: Georg Thieme Verlag KG

Pharmaceutical Substances provides a compendium of some 2,300 active pharmaceutical ingredients (APIs) of interest to the chemical and pharmaceutical industries and thus is an invaluable resource for anybody involved in the design, discovery, development, and evaluation of drugs. Records contain essential information, trade data and preparation methods for active pharmaceutical ingredients. Reactants and Products are structure-searchable with a single reaction query. Roles are also structure-searchable.



## RAPRA (Polymer Library)

Producer: WTI-Frankfurt-digital GmbH

RAPRA (Polymer Library) covers plastics, rubber, adhesives, and polymeric composites. Coverage includes a wide scope of subjects encompassing technical, academic, commercial and marketing aspects of the rubber and plastics industries.

## RDISCLOSURE

Producer: Questel Ireland Ltd.

The Research Disclosure database contains the full text including images of technical disclosures of inventions published as an alternative to the patent system. Through research disclosure later patenting of the relevant invention is prevented.

## REAXYSFILE

Producer: Elsevier Information Systems GmbH

ReaxysFile™ is a major structure and factual database containing fully searchable chemical structures and reactions, associated chemical and physical properties, and pharmacological and ecological data.

The substance records contain reviewed and evaluated documents from the Handbook of Organic Chemistry as published by Friedrich Beilstein as well as data from leading journals in organic and inorganic chemistry covering the period from 1771 to the present. Patent information covers selected IPCs and authorities/countries from 1771-1960, and from 1976 – present.



## REGISTRY

Producer: Chemical Abstracts Service (CAS)

CAS REGISTRY<sup>SM</sup> is the world's largest substance database covering substance information on all types of organic and inorganic substances, including polymers, alloys, coordination compounds, and mixtures. All substance records contain a unique CAS Registry Number<sup>®</sup> (CAS RN<sup>®</sup>). Coverage includes substances reported in the literature back to the early 1800s. The file is updated daily and contains

- more than 150 million organic and inorganic substances and more than 70 million sequences
- comprehensive substance information including chemical structures, trade names, systematic names, synonyms, and molecular formula
- calculated and experimental property data.

## RTECS

Producer: Symyx Technologies, Inc.

Registry of Toxic Effects of Chemical Substances contains factual toxicity data for commercially important substances from research and government reports.

## RUSSIAPAT

Producer: Russian Federal Institute of Industrial Property

Russian Patent Abstracts is a bibliographic file covering Russian patents from 1924 on-wards. Titles and abstracts are in English, names are transliterated.

## SCISEARCH

Producer: Clarivate Analytics

Science Citation Index, one of the largest multidisciplinary scientific and technical databases, contains bibliographic information and cited references from approximately 8,600 of the world's leading scientific, technical, and medical journals. A highlight of SCISEARCH is Cited Reference Searching which allows to find the articles that cite an article of interest.



## TEMA

Producer: [WTI-Frankfurt-digital GmbH](#)

The Technology and Management database contains citations to German and international literature in the areas of mechanical engineering and plant construction, electrical engineering and electronics, materials, information technology, textile technology, medical technology, management and operational organization.

## TOXCENTER

Producer: [Chemical Abstracts Service \(CAS\)](#)

Toxicology Center covers the pharmacological, biochemical, physiological, and toxicological effects of drugs and other chemicals.

## TRIBO

Producer: [German Federal Institute for Material Research and Testing](#)

Tribology Index covers worldwide literature on tribology, the science of friction, lubrication, and wear.

## TULSA/TULSA2

Producer: [University of Tulsa, Petroleum Abstracts](#)

Petroleum Abstracts covers the worldwide literature and patents related to petroleum exploration, development, and production of petroleum resources, particularly oil and natural gas. TULSA also covers the areas of ecology and pollution.

## USGENE

Producer: [SequenceBase Corporation](#)

The USPTO genetic sequence data- base covers all peptide and nucleic acid sequences from the published applications and issued patents of the United States Patent and Trademark Office (USPTO). USGENE offers three advanced sequence searching methods; NCBI BLAST®, the FastA-based GETSIM, and GETSEQ for fragment or motif sequence queries. Additional biological data, like organism name, molecule type, sequence length and feature table, are also available.

## USPATFULL/USPATOLD

Producer: U.S. Patent and Trademark Office

U.S. Patents Original Publications contains the complete text of U.S. patents and current classifications for the original publication of patent documents issued by the U.S. Patent and Trademark Office from 1975 to the present, with partial coverage of selected technologies from 1971-1974, and defensive publications from 1976 to the present.

USPATOLD includes more than 3.5 million records and covers the full text of patents issued from the U.S. Patent and Trademark Office (USPTO) from 1790-1975.

## USPAT2

Producer: U.S. Patent and Trademark Office

U.S. Patents Latest Publications, companion to USPATFULL, contains the complete text of U.S. patents and current classifications and classifications for the second or latest publications of U.S. patents and applications issued by the U.S. Patent and Trademark Office since 2001.

## VETB/VETU

Producer: Clarivate Analytics

Derwent Veterinary Drug File provides references from the world's foremost journals on developments and applications of veterinary drugs for use in farm, domestic and other animals.

## WELDASEARCH

Producer: TWI Ltd.

WELDASEARCH is a comprehensive database containing abstracts to journal articles, research reports, books, standards, patents, theses and special publications in the areas of joining metals, plastics and ceramics, metal and ceramic spraying, thermal cutting, brazing, soldering and related topics.



## WPIDS/WPINDEX/WPIX

Producer: Clarivate Analytics

Derwent World Patents Index® provides information on patent publications from the 52 most important patent issuing authorities of the world. Each record in the database describes a patent family, starting with the new invention (Basic Patent) and adding information about the same invention issued in other countries (Equivalents).

Two levels of data are available within the database for each record.

The Invention Level comprises bibliographic data and Clarivate Analytics value-add titles, abstracts, general and, where appropriate, in-depth chemical and electrical indexing. Clarivate Analytics applies various algorithms to collate and deduplicate the data from the individual member patents of the patent family when creating this 'Patent Family' (Invention Level) view.

The Member Patent Level (or Publication Level) on the other hand allows users to search and display bibliographic data and general indexing information associated with individual publications that make up the patent family Invention Level. This can allow for very specific searching of individual publications. The Invention and Member Patent Levels can be searched individually or in combination as required.

## WSCA

Producer: PRA World Ltd.

World Surface Coatings Abstracts is dedicated to paint and surface coating technology and related fields. It covers the relevant worldwide scientific, technical, and trade literature, as well as patents.



## Learning Files

LCA, LCASREACT, LDRUG, LEMBASE, LINPADOCDB, LINPAFAMDB, LINSPEC, LMARPAT, LMEDLINE, LPATDPA, LPCI, LREGISTRY and LWPI are learning files designed for low-cost training. These files are not updated. Connect hour fees – and telecommunication fees – are the only charges that apply to these files.


### “H” CAS files and “Z” CAS files

You have the option to search the CAS files CA, CAPLUS, CHEMLIST, and CIN with no search term charges and higher connect hour fees.

To use the connect hour option, enter the alternate file name: HCA, HCAPLUS, HCHEMLIST or HCIN.

You have the option to search the CAS files CA, CAPLUS, and REGISTRY with no connect hour fees and higher search term charges.

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## Databases by Clusters

STN database clusters contain databases covering the same subject area. You can search the clusters through the Multifile Search capability. Reviewing the clusters can help you determine which databases to search to find information on your topic of interest:

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BIOSCIENCE	FORMULATIONS	PATENTS
BUSINESS	FUELS	PETROLEUM
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CHEMISTRY	HEALTH	PHYSICS
COMPUTER	HUMANITIES	PNTTEXT <sup>2)</sup>
CONSTRUCTION	MATERIALS	POLYMERS
ELECTRICAL	MEDICINE	SAFETY
ENGINEERING	METALS	TOXICOLOGY

<sup>1)</sup>Databases with Numeric Property Search   <sup>2)</sup>Patent full-text files

Other database clusters contain databases that share a similar feature (e.g. CAS Registry Numbers, numeric data, chemical structure searching): CASRNS, FULLTEXT, MEETINGS, NUMERIC, STRUCTURE.

Complete lists of databases belonging to each cluster are available in the “STN Content” section at [www.stn-international.com](http://www.stn-international.com).

## STN Service Centers

### In Europe

#### FIZ Karlsruhe

STN Europe  
P.O. Box 2465  
76012 Karlsruhe  
Germany  
Phone: +49-7247-808-555  
Fax: +49-7247-808-259  
helpdesk@fiz-karlsruhe.de  
www.stn-international.com

### In North America

#### CAS

STN North America  
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Columbus, Ohio 43210-0012 U.S.A.  
CAS Customer Care:  
Phone: 800-753-4227 (North America)  
614-447-3700 (worldwide)  
Fax: 614-447-3751  
help@cas.org  
www.cas.org

### In Japan

**JAICI** (Japan Association for  
International Chemical Information)  
STN Japan  
Nakai Building  
6-25-4 Honkomagome, Bunkyo-ku  
Tokyo 113-0021, Japan  
Phone: +81-3-5978-3601 (Technical Service)  
+81-3-5978-3621 (Customer Service)  
Fax: +81-3-5978-3600  
support@jaici.or.jp (Technical Service)  
customer@jaici.or.jp (Customer Service)  
www.jaici.or.jp

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