



FIZ Karlsruhe's Search Service

Non-patent literature – also important for patent searches

Searches for non-patent literature

Searches for non-patent literature are indispensable to answer questions in patent law and science. No matter if you are doing research on a specific scientific topic, want to find out whether your invention can be patented, or need information to be cited against a patent: in all these cases, non-patent literature is just as important as a patent document itself.

Our offer

We are experts in the area of patent searches. Our team of technically skilled scientists has long-time experience, in-depth knowledge of databases and patents, and expertise in various areas of science and technology. We conduct all types of patent searches, in particular in the fields of chemistry (including structure searches), bio-sequences, pharmacy, toxicology, and engineering.

As we mainly use the databases on STN InternationalSM, we have access to a large variety of non-patent publications contained in numerous databases covering many scientific disciplines.

Overview of selected databases on various topics

LIFESCIENCE		
EMBASE Content: Literature in the biomedical and pharmaceutical fields, including biological science, biochemistry, human medicine, forensic science, pediatrics, pharmacy, pharmacology and drug therapy, pharmacoconomics, psychiatry, public health, biomedical engineering and instrumentation, and environmental science. Thesaurus available. Sources: Journals, monographs, conference proceedings, dissertations, and reports.	BIOSIS Content: Biological and biomedical areas, with subject coverage ranging from aerospace, biology to zoology. Thesaurus available. Sources: Periodicals, journals, conference proceedings, reviews, reports, patents, and short communications.	MEDLINE Content: Every area of medicine Thesaurus available. Sources: Journals, chapters in books and symposia.
ENGINEERING		
INSPEC Content: Physics, electronics and electrical engineering, computers and control engineering, and information technology literature. Thesaurus available. Sources: Journals, serials, conference proceedings, books, and reports.	COMPENDEX Content: All engineering disciplines including chemical, computer, electrical, civil and mechanical engineering in significant depth. Thesaurus available. Sources: Journals, books, conference contributions, reports, and nonconventional literature.	PQSCITECH Content: All areas of science and technology from engineering to lifescience. Sources: Journals, patents, books, reports, and conference proceedings.

CHEMISTRY

CAPLUS/REGISTRY

Content:

All areas of chemistry, biochemistry, chemical engineering, and related sciences.
Searchable chemical structures.
Thesaurus available.

Sources:

Journals, patents and patent families from 38 national patent offices and 2 international patent organizations, technical reports, books, conference proceedings, dissertations, product reviews, bibliographic items, book reviews, and meeting abstracts.

REAXYSFILE

Content:

Searchable chemical structures and reactions, associated chemical and physical properties, and pharmacological and ecological data.

Sources:

Documents from Handbook of Organic Chemistry, leading journals in organic and inorganic chemistry covering the period from 1771-2011, and patents from selected countries (1771-1960, 1976-2011).

ANABSTR

Content:

Analytical chemistry.

Sources:

Journals, books, conference proceedings, reports, and standards.

SPECIAL TOPICS

DKF

Content:

Literature on all aspects of motor vehicle design, construction and manufacturing.

Sources:

Contained in the database is grey literature, i.e., reports, technical papers, and academic theses from around the world.
Thesaurus available.

FROSTI

Content:

Literature on food science and technology. Coverage includes food and beverages, analytical methods, quality control, manufacturing, microbiology, food processing, health and nutrition, recipes, and additives.

Sources:

Scientific and technical journals, bulletins, technical reports, conference proceedings, grey literature, and British (GB), European (EP), U.S., Japanese (JP), and international (PCT) patent applications.
Thesaurus available.

ENCOMPLIT

Content:

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. Coverage includes both scientific and technical developments and engineering and process level work.

Sources:

Journals, trade magazines, meeting papers, and government reports. Secondary sources for EnCompLit/EnCompLitiz include Chemical Abstracts, Petroleum Abstracts, Gas Abstracts, Aqualine Abstracts, and British Maritime Technology Abstracts.

Besides the large databases covering various topics such as CAPLUSSM or BIOSIS[®] we also offer highly specialized databases; see the above table for examples, content, and sources. The database records comprise title, abstract, indexing terms and in some cases also database-specific classifications (e.g., DKF-Fachordnung in DKF or IPC classification in INSPEC also for non-patent literature). The multidisciplinary database PQSCITEC and some other databases also have a numerical property search feature enabling you to search for more than 50 physical properties, e.g., volume, pressure, or speed.

Just contact us to find out whether we have a database covering your specific topic of research. If necessary, we will also broaden your search to include records from the high-quality patent databases on STN.

STN InternationalSM is a worldwide acknowledged information service for research and patent information. It is used by patent and information specialists in the pharmacy, chemistry, and technology sectors as well as by patent offices and research institutes. STN combines high-quality research information contained in more than 100 databases from the most renowned providers (e.g., DWPISM, CAPLUSSM, CAS REGISTRYSM and INPADOC/INPAFAMDB) on one neutral platform. It also offers state-of-the-art features for retrieval, analysis, and visualization. STN is jointly developed, operated and marketed worldwide by FIZ Karlsruhe and CAS (Columbus, Ohio). It is represented in Japan by JAICI.

Your benefits

We offer detailed advice on your search topic and will, upon request, provide you with a free and non-binding time and cost estimate.

We will discuss your search requirements with you in advance and prepare the search strategy accordingly. To ensure the best quality of the results, the strategy will be verified by a second experienced searcher. The results will then be individually checked for relevance. Our search results are of high quality and contain a conclusive search report with a summary of the topic, a detailed description of the strategy, a section with the relevant and categorized answers in the chosen format (e.g., bibliographic data, abstracts, tables), and a list of the databases used. Also included is a link through which you can either access freely available texts directly or order those which are only available at cost via our document delivery service FIZ AutoDoc.

We can also format the results to meet your individual requirements and deliver them, for example, sorted according to your specifications.

We guarantee a high degree of transparency and, of course, absolute confidentiality. If you wish, we will also conclude a non-disclosure agreement with you.

Are you interested in our offer or need some more information?

[Feel free to contact us.](#) We will be pleased to help you.

FIZ Karlsruhe - Leibniz Institut für
Informationsinfrastruktur
Hermann-von-Helmholtz-Platz 1
76344 Eggenstein-Leopoldshafen
Germany

Phone: 07247 808 555

Fax: 07247 808 259

searchservice@fiz-karlsruhe.de

www.fiz-karlsruhe.de

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