



FIZ Search API - Customizable access to patent and sci-tech content

Do you need relevant, high-quality data to complement your in-house data systems? Our powerful, easy-to-integrate API supports the delivery of customizable data streams.

Integrating external data into in-house data analysis processes can help companies detect risks and opportunities that they would miss when only relying on internally generated data.

You are a data scientist or an information professional looking for an easy way to feed your company's manifold data projects with data from external sources? Your key challenge is to minimize the effort of accessing, selecting and integrating those external data that are most relevant to your search and analysis needs?

Our powerful FIZ Search API supports you in getting your job done. Based on RESTful technology our API provides secure remote access, enhanced search and retrieval functions and a uniform response format for easy data integration. The content coverage includes FIZ Karlsruhe's curated and standardized patent information including INPADOC and full-text databases as well as high-quality sci-tech literature databases.

FIZ Search API supports use cases like

- Integrating global patent data into corporate intelligence solutions
- Running customized alerts
- Feeding text and data mining applications
- Using your own solutions to search and retrieve exactly the patent and sci-tech content you need

FIZ Search API provides you with the following advantages:

- A bundle of premium patent and non-patent literature databases available from one provider
- All databases are curated by experts: Content is highly structured, enriched with added value and standardized across databases.
- Powerful search capabilities provide operators like Boolean, proximity, and truncation for precise content retrieval.

- Data is provided for download in a uniform XML/JSON response format
- API responses include links to relevant resources to simplify navigation and access (e.g., patent drawings, chemical structure images)
- Based on RESTful technology the API is taking advantage of existing protocols for easy integration into your workflow
- Interactive API documentation allows to preview API requests and responses in any of the supported response formats directly from our FIZ Search API Developer Portal.

FIZ Search API Developer Portal

Enter your API access credentials, select your request and hit the “Try it out!” button.

The screenshot displays the FIZ Search API Developer Portal. At the top left, the logo 'FIZ Search API' is shown with version details: '[Base URL: searchapi.fiz-karlsruhe.de/1.0]' and a Swagger link. Navigation links for 'Contact Customer Support Service', 'License', and 'Documentation' are present. A 'Schemes' dropdown menu is set to 'HTTPS', and an 'Authorize' button is located to its right. The main content area is organized into sections: 'database' (General information about databases), 'field' (Information about database specific fields), 'document' (Database specific query results for a given document/image/structure ID), 'structure' (Database specific query results for a given structure ID), and 'utility' (Helpful tools). Each section contains a list of API endpoints with their methods (GET) and brief descriptions.

Access

Access licenses are available on a yearly basis for customized content packages. For a free trial and more details visit

<https://www.fiz-karlsruhe.de/en/produkte-und-dienstleistungen/fiz-searchapi>