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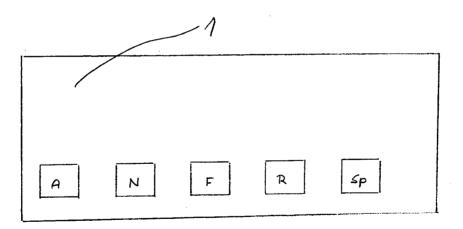
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(54) Title: CROSS-LANGUAGE INTERNET SEARCH ENGINE



(57) Abstract: A multilingual search engine, which allows a user to enter a query in a first language and to select a second language he wants to translate the query into. A translation module translates the query into the second language and puts it into the search field of the search engine. The user then sends the query, the query is processed and the query results are displayed.





Cross-Language Internet Search Engine

Technical Field

The technical solution relates to the organization of a multilingual Internet search engine.

The State of the Technology to Date

At present, Internet search engines are designed in such a way that users formulate queries in languages they are familiar with. If they need to find information in languages they are unfamiliar with, they have to translate their query and subsequently enter it into the search engine. This significantly diminishes the potential of such search engines.

The Basis of the Technical Solution

These drawbacks are overcome by a multilingual search engine with a translator attached to the search module which translates search queries for the user. The user enters a query in a form in a familiar language and selects the language he or she wants to translate the search query into. The translation module translates the query and automatically puts it into the form's search field. Subsequently, the user sends the query, the query is processed and the query results are displayed.

Overview of Drawings

The attached drawings serve to explain the technical solution in greater detail; drawing $\underline{1}$ schematically represents the information system as a whole and drawing $\underline{2}$ represents the form.

Example of the Technical Design in Practice

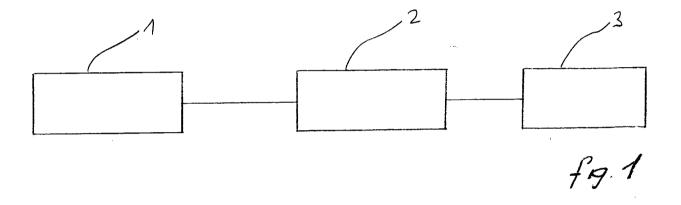
The multilingual Internet search engine consists of a form $\underline{1}$ for entering search queries, a search module $\underline{2}$ and a translation module $\underline{3}$. To use the system, the user enters a search query in a language the user is familiar with in the form $\underline{1}$. Then, the user enters a command in the form to carry out the translation into the selected language, following which the command is sent to the translation module $\underline{3}$, which translates the search query in real time and sends it back to the form $\underline{1}$. Subsequently, the user enters a command in the search module $\underline{2}$ to search for relevant information in the selected language.

Industrial Use

The information system based on the technical solution in question may be used anywhere information is searched for in different languages and the user is not familiar with all the languages necessary to formulate queries.

GROUNDS FOR PROTECTION

1. the **distinguishing features** of this multilingual Internet search engine are that it is made up of a form (1) for a user who is thereby connected to a translation module (3) and a search module (2).



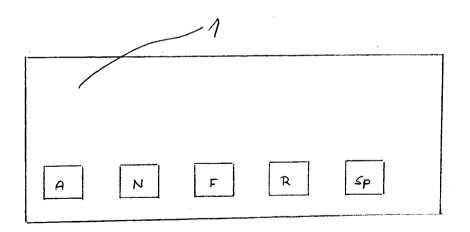


fig 2

INTERNATIONAL SEARCH REPORT

International application No PCT/CZ2007/000053

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C. DOCUMENTS CONSIDERED TO BE RELEVANT											
Category*	Citation of document, with indication, where appropriate, of the rel	levant passages	Relevant to claim No.								
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Furth	ner documents are listed in the continuation of Box C.	X See patent far	mily annex.								
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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