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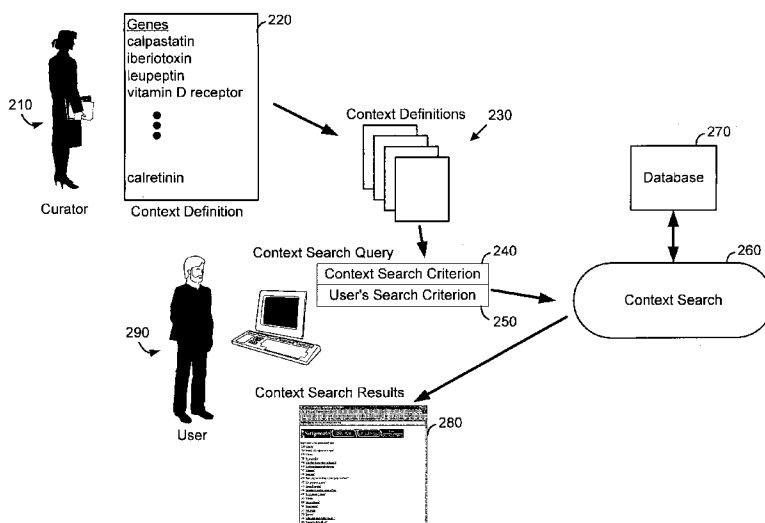
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SYSTEM AND METHOD OF CONTEXT-SPECIFIC SEARCHING IN AN ELECTRONIC DATABASE



(57) Abstract: A user can search a database within a "context" that can be invoked with a context term, or name. The context is pre-defined by a human expert, or curator. The context definition is used in conjunction with a search term provided by the user to efficiently obtain search results that can otherwise be difficult to attain, such as detecting characteristics of data over multiple documents or other database items to infer trends, phenomena, characteristics, or other properties of the data. A context can be a category of items where each item has a distinct name. Search results are presented using the context based on the number of co-occurrences of the search term and terms relating to the context. In a preferred embodiment, the search results are presented as a list with documents having higher co-occurrences ordered at the top of the list. Context definition sets can be created and updated as an ongoing service to a subscriber. Several processing configurations are presented.

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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/01221

## A. CLASSIFICATION OF SUBJECT MATTER

IPC: G06F 7/00( 2006.01)

USPC: 707/3

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 707/3

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/0103789 A1 (TURNBULL et al) 1 Aug 2002 (01.08.2002), entire document	17-23, 27-29
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Y		1-16, 24-26
Y	US 5,926,811 (MILLER et al) 20 Jul 1999 (20.07.1999), entire document	1-16, 24-26

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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"X"

document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y"

document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

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