

Title (en)
SYSTEM AND METHOD FOR DOCUMENT MANAGEMENT BASED ON A PLURALITY OF KNOWLEDGE TAXONOMIES

Title (de)
SYSTEM UND METHODE ZUR VERWALTUNG VON DOKUMENTEN BASIEREND AUF EINER MEHRZAHL VON WISSENS-TAXONOMIEN

Title (fr)
SYSTEME ET PROCEDE DE GESTION DE DOCUMENTS BASES SUR PLUSIEURS TAXONOMIES DES CONNAISSANCES

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Application
EP 00939890 A 20000615

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Abstract (en)
[origin: WO0077690A1] A method and system are disclosed for organizing and retrieving information through the use of taxonomies. Documents stored in the organization and retrieval subsystem may be manually or automatically classified into a predetermined number of taxonomies. In operation, automatic term extractor creates a list of terms that are indicative of the subject matter contained in the documents. A term analysis system assigns the relevant terms to one or more taxonomies, and a suitable algorithm is then used to determine the relatedness between each list of terms and its associated taxonomy. The system then clusters documents for each taxonomy in accordance with the weights ascribed to the terms in the taxonomy's list and a directed acyclic graph (DAG) hierarchical structure is created. The present invention may then be used to aid a researcher or user in quickly identifying relevant documents, in response to an inputted query.

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Cited by
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