

DOCUMENT ENRICHMENT

Xerox Corporation

Initial Bidding Guidance: Low 7 Figures

This portfolio is directed to a system for enriching documents by dynamically adding relevant information to content, or suggesting services which may add such information. A meta-document, an active agent in the knowledge creation and sharing cycle, may operate with or without user intervention. It automatically searches, collects and adds information to the original document based on the contents or on information about the user as provided by, for example, a user's mobile device. The disclosed system adds intelligent behaviors to the document including: the ability to understand and describe its contents; the ability to communicate; the ability to automatically find similar documents; the ability to learn and adapt to changing situations; and the ability to assist the user with content creation via auto-completion and auto-correction. A query generation system may be coupled with the ability to merge enriched results into the document. The enriched form of the document can also be created selectively and remotely, similar to the formation of a print request, for later retrieval.

Forward Citing Companies: Accenture, Adobe Systems, Alcatel-Lucent, Alibaba Group, Amazon.com, AOL, Apax Partners LLP, Apple, Applied Materials Inc, Applied Minds Inc, AT&T, Avery Dennison, Bank of America, Barclays, Bloomberg, Boeing, Bosch, Brother Industries, Business Objects Software Ltd., Canon, CBS, Chacha Search, Comerica, Content Analyst Company Llc, Decarta Inc., Digital Mandate Llc, Ebay, Ebrary Inc., EMC Corporation, Exxon Mobil, Facebook, Fidelity Investments, FTI Consulting, Fujifilm, Fujitsu, General Electric, Google, Harris Corporation, Hewlett-Packard, Hyperquest Inc., IBM, Inquire Inc., Intellectual Discovery Co, Intellectual Ventures, Intuit, Ipfini Inc., Kyos Systems Inc, Lexmark, Location Based Technologies Inc., Masterobjects Inc, Microsoft, NEC, Nuance Communications, Oracle, Orbis Technologies Inc, Pearson Plc, Philips, Pure Discovery, Qualcomm, Qurio Holdings, Ramp Holdings Inc., Renew Data Corp., Ricoh, Sabre Inc, SAP AG, Semantic Search Technologies LLC, Sentius International, Sharp, Siemens AG, Silicon Graphics International, Sony, Springboard Capital LLC, SPX Corporation, Symantec, Target, Teradata Corporation, Texas Instruments, Thinkvillage LLC, Toshiba, Unisys Corporation, Vivendi SA, Vulcan Technologies, Yahoo!, Youwho Inc.

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Representative Claim: US 8,219,557 – Claim #1

A computer implemented method, comprising: accessing selected-document content that is selected from a document; accessing a database of entities, each entity having associated therewith one or more entity-types, each entity type pertaining to one or more themes; automatically identifying in the selected-document content at least one entity in the database of entities; accessing a categorization system for categorizing document content having a classification profile defined using an organization of categories that corresponds to categories of document content available through an information retrieval system; the classification profile allowing document content to be assigned to an existing category; automatically categorizing the selected-document content using the categorization system to assign a subset of one or more categories from the categories of document content available through the information retrieval system; automatically formulating a query for document content by providing a first element of the query representative

TECHNOLOGY

KNOWLEDGE MANAGEMENT, ENHANCED DOCUMENT CREATION, AND DOCUMENT AUTHORING ASSISTANCE

NOVELTY

THE ENRICHMENT OF DOCUMENTS FROM AUTOMATIC OR USER-GENERATED QUERIES, VIA AUTOMATIC OR USER-SELECTED RESULTS FROM VARIOUS SERVICES, OPTIONALLY CONNECTED TO A FEE-BASED PAYMENT SYSTEM

IMPORTANCE

A VALUABLE PORTFOLIO FOR COMPANIES PROVIDING KNOWLEDGE MANAGEMENT AND DOCUMENT ENRICHMENT SOLUTIONS

NUMBER OF ASSETS

26

PATENTS (22)

US 6,732,090
US 6,778,979
US 6,820,075
US 6,928,425
US 7,117,432
US 7,133,862
US 7,284,191
US 7,370,034
US 7,493,322
US 7,647,349
US 7,757,168
US 7,769,757
US 7,941,446
US 8,219,557
US 8,219,904
US 8,239,413
DE 60120822.6
EP 1143356
FR 1143356
GB 1143356
JP 4365074
JP 4849730

APPLICATIONS (4)

US 95/001,430
BR P10203479-4
EP 02018111.1
EP 04024558.1

of at least one entity identified in the selected-document content, and by providing a second element of the query focusing the query to the subset of categories of document content assigned to the selected-document content; automatically, after formulating the query, acquiring search results by using the query for querying document content available through the information retrieval system; wherein at least said identifying, categorizing, formulating and acquiring are performed using one or more processors.

Contact:

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