

Title (en)
SEMANTIC PROCESSOR AND METHOD WITH KNOWLEDGE ANALYSIS OF AND EXTRACTION FROM NATURAL LANGUAGE DOCUMENTS

Title (de)
SEMANTIKPROZESSOR UND VERFAHREN MIT WISSEN ANALYSE UND AUSZUG VON NATÜRLICHEN SPRACHDOKUMENTEN

Title (fr)
PROCESSEUR SEMANTIQUE ET PROCEDE COMPORTANT UNE ANALYSE DE CONNAISSANCES DE DOCUMENTS DE LANGAGE NATUREL ET UNE EXTRACTION A PARTIR DE CES DOCUMENTS

Publication
EP 1208457 A1 20020529 (EN)

Application
EP 00941702 A 20000623

Priority
• US 0017444 W 20000623
• US 34554799 A 19990630

Abstract (en)
[origin: WO0101289A1] A method of semantically processing natural language representations in a general purpose computer including entering and storing a user criterion, retrieving from remote and local databases (12, 14) and storing representations of the texts of a plurality of natural language documents that have some relationship with the stored user criterion (16), formatting said representations and storing the formatted representation (18), identifying and extracting from the formatted representation subject-action-object (SAO) extractions and storing the SAO extractions (20), processing the SAO extractions into normalized SAO structures and storing the SAO structures (22), designating the AO portions as substantially the names of Folders of at least some of the SAO structures, and storing in association with each the Folder name the identity of one or more subject portions (S1, S2, ...Sn) that are associated with the respective AO portion of stored SAO structures. The method further includes storing in association with each respective S1, S2, ... Sn the full sentence in which the respective SAO appears and highlighting each S-A-O portion that appears in each said full sentence. The list of subjects (S1, S2 ...Sn) stored in association with a respective AO portion is displayed in response to the user selecting the displayed AO portion or Folder name.

IPC 1-7
G06F 17/27

IPC 8 full level
G06F 17/27 (2006.01)

CPC (source: EP)
G06F 40/216 (2020.01); **G06F 40/232** (2020.01); **G06F 40/30** (2020.01)

Citation (search report)
See references of WO 0101289A1

Cited by
CN100380321C

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT

DOCDB simple family (publication)
WO 0101289 A1 20010104; **WO 0101289 A8 20010621**; AU 5637000 A 20010131; EP 1208457 A1 20020529

DOCDB simple family (application)
US 0017444 W 20000623; AU 5637000 A 20000623; EP 00941702 A 20000623