

Title (en)  
IDENTIFICATION OF SEMANTIC RELATIONSHIPS WITHIN REPORTED SPEECH

Title (de)  
IDENTIFIKATION SEMANTISCHER BEZIEHUNGEN IN ERFASSTER SPRACHE

Title (fr)  
IDENTIFICATION DE RELATIONS SÉMANTIQUES DANS UN DISCOURS RAPPORTÉ

Publication  
**EP 2183686 A4 20180328 (EN)**

Application  
**EP 08828391 A 20080829**

Priority  

- US 2008074938 W 20080829
- US 96943407 P 20070831
- US 20167508 A 20080829

Abstract (en)  
[origin: WO2009029905A2] Methods and computer-readable media for associating words or groups of words distilled from content, such as reported speech or an attitude report, of a document to form semantic relationships collectively used to generate a semantic representation of the content are provided. Semantic representations may include elements identified or parsed from a text portion of the content, the elements of which may be associated with other elements that share a semantic relationship, such as an agent, location, or topic relationship. Relationships may also be developed by associating one element that is in relation to, or is about, another element, thereby allowing for rapid and effective comparison of associations found in a semantic representation with associations derived from queries. The semantic relationships may be determined based on semantic information, such as potential meanings and grammatical functions of each element within the text portion of the content.

IPC 8 full level  
**G06F 17/27** (2006.01); **G06F 17/28** (2006.01); **G06F 17/30** (2006.01)

CPC (source: EP KR)  
**G06F 40/211** (2020.01 - KR); **G06F 40/30** (2020.01 - EP KR)

Citation (search report)  

- [X] US 2007073533 A1 20070329 - THIONE GIOVANNI L [US], et al
- [X] US 2005125429 A1 20050609 - CORSTON-OLIVER SIMON H [US], et al
- See references of WO 2009029905A2

Citation (examination)  

- US 2004158452 A1 20040812 - POLANYI LIVIA [US], et al
- WILLIAM J RAPW~RT ET AL: "Logical Foundations for Belief Representation", COGNITIVE SCIENCE, 1 January 1986 (1986-01-01), pages 371 - 422, XP055556411, Retrieved from the Internet <URL:https://pdfs.semanticscholar.org/c899/f81e55c1f18f01b318d0ac97c21341ad1063.pdf> [retrieved on 20190213]

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**WO 2009029905 A2 20090305; WO 2009029905 A3 20090514**; AU 2008292781 A1 20090305; AU 2008292781 B2 20120809; BR PI0816088 A2 20150303; CA 2698105 A1 20090305; CA 2698105 C 20160705; CN 101796511 A 20100804; CN 101796511 B 20121114; EP 2183686 A2 20100512; EP 2183686 A4 20180328; IL 204108 A 20130930; JP 2010538375 A 20101209; JP 5501967 B2 20140528; KR 101524889 B1 20150601; KR 20100075454 A 20100702; MX 2010002350 A 20100730; RU 2010107150 A 20110910; RU 2488877 C2 20130727

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**US 2008074938 W 20080829**; AU 2008292781 A 20080829; BR PI0816088 A 20080829; CA 2698105 A 20080829; CN 200880105617 A 20080829; EP 08828391 A 20080829; IL 20410810 A 20100223; JP 2010523188 A 20080829; KR 20107006570 A 20080829; MX 2010002350 A 20080829; RU 2010107150 A 20080829