

Title (en)
PROCESSING OF QUERY TERMS

Title (de)
VERARBEITUNG VON ANFRAGEBEGRIFFEN

Title (fr)
TRAITEMENT DE TERMES DE RECHERCHE

Publication
EP 2016486 A4 20110810 (EN)

Application
EP 07760955 A 20070419

Priority

- US 2007067014 W 20070419
- US 40824506 A 20060419
- US 40824206 A 20060419
- US 40824306 A 20060419
- US 40786006 A 20060419

Abstract (en)
[origin: WO2007124385A2] Methods, systems, and apparatus, including computer program products, to perform operations relating to processing query terms in a search query presented to a search engine. In one aspect, a method includes determining a query language from the query terms and the language of a user interface. In another aspect, a method includes using the interface language to select one or more mappings and using the mappings to simplify each query term; and applying each simplified query term to a synonyms map to identify possible synonyms with which to augment the search query. In another aspect, a synonyms map is generated from a corpus of documents. In another aspect, a method includes identifying one or more potential synonyms for a query term by looking up simplified query term in a synonyms map, the synonyms map mapping each of a plurality of keys to one or more variants, each variant being a word associated with one or more document languages.

IPC 8 full level
G06F 7/00 (2006.01); **G06F 17/30** (2006.01)

CPC (source: EP)
G06F 16/3338 (2018.12); **G06F 16/334** (2018.12); **G06F 40/247** (2020.01); **G06F 40/263** (2020.01)

Citation (search report)

- [X1] WO 0231814 A1 20020418 - INTEL CORP [US], et al
- [A] BASHIR AHMED ET AL: "Language Identification from Text Using N-gram Based Cumulative Frequency Addition", PROCEEDINGS OF STUDENT/FACULTY RESEARCH DAY, CSIS, PACE UNIVERSITY, 26 October 2004 (2004-10-26), pages 12.1 - 12.8, XP002645603, Retrieved from the Internet <URL:http://web.archive.org/web/20041026231904/http://www.csis.pace.edu/~ctappert/srd2004/paper12.pdf> [retrieved on 20110628], DOI: 10.1.1.92.8844
- See references of WO 2007124385A2

Citation (examination)

- US 2004194099 A1 20040930 - LAMPING JOHN [US], et al
- EP 1431883 A1 20040623 - FRANCE TELECOM [FR]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2007124385 A2 20071101; WO 2007124385 A3 20080828; CN 102024026 A 20110420; CN 102024026 B 20130327;
EP 2016486 A2 20090121; EP 2016486 A4 20110810

DOCDB simple family (application)
US 2007067014 W 20070419; CN 201010546580 A 20070419; EP 07760955 A 20070419