

Title (en)

METHOD AND DEVICE FOR GENERATING AN RDF DATABASE FOR AN RDF DATABASE QUERY AND A SEARCH METHOD AND A SEARCH DEVICE FOR THE RDF DATABASE QUERY

Title (de)

VERFAHREN UND VORRICHTUNG ZUM GENERIEREN EINER RDF-DATENBANK FÜR EINE RDF-DATENBANKABFRAGE, SOWIE EIN SUCHVERFAHREN UND EINE SUCHVORRICHTUNG ZUR RDF-DATENBANKABFRAGE

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR LA PRODUCTION D'UNE BANQUE DE DONNÉES DE RDF, POUR UNE INTERROGATION DE BANQUE DE DONNÉES DE RDF, AINSI QUE PROCÉDÉ DE RECHERCHE ET DISPOSITIF DE RECHERCHE DESTINÉS À INTERROGER UNE BANQUE DE DONNÉES DE RDF

Publication

**EP 2419840 A1 20120222 (DE)**

Application

**EP 10712921 A 20100323**

Priority

- EP 2010053752 W 20100323
- DE 102009017082 A 20090415

Abstract (en)

[origin: WO2010118931A1] The invention relates to a method and a device for generating a database. To this end, information values are created by means of nodes and directed edges describing dependencies between two nodes or information values, respectively, in the form of a directed graph for the database query. By using a path distance describing a number of directed edges between a selected node and a target tuple, consisting of two nodes connected to a directed edge and the associated directed edge, a reduction of a complexity of a database query and thus an acceleration of the database query can be achieved. The invention further comprises a search method and a search device for querying the described database. The invention can be used, for example, for monitoring systems or in medical databases. Furthermore, the invention can be used for databases which are dynamically extended, for example by new events in the monitoring system.

IPC 8 full level

**G06F 17/30** (2006.01)

CPC (source: EP KR US)

**G06F 16/2448** (2018.12 - EP KR US); **G06F 16/9024** (2018.12 - EP KR US); **G06F 16/90335** (2018.12 - KR)

Citation (search report)

See references of WO 2010118931A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

**WO 2010118931 A1 20101021**; CN 102395968 A 20120328; CN 102395968 B 20151007; DE 102009017082 A1 20101104; EP 2419840 A1 20120222; KR 101662561 B1 20161006; KR 20120022957 A 20120312; US 2012041974 A1 20120216; US 9213738 B2 20151215

DOCDB simple family (application)

**EP 2010053752 W 20100323**; CN 201080016904 A 20100323; DE 102009017082 A 20090415; EP 10712921 A 20100323; KR 20117027210 A 20100323; US 201013264676 A 20100323