Title (en)
APPARATUS FOR PROCESSING DATA IN A COMPUTER AIDED LOGIC SYSTEM, AND APPROPRIATE METHOD

Title (de)
VORRICHTUNG ZUR VERARBEITUNG VON DATEN IN EINEM RECHNERGESTÜTZTEN LOGIKSYSTEM SOWIE ENTSPRECHENDES VERFAHREN

Title (fr)
DISPOSITIF DE TRAITEMENT DE DONNÉES DANS UN SYSTÈME LOGIQUE ASSISTÉ PAR ORDINATEUR AINSI QUE PROCÉDÉ CORRESPONDANT

Publication
EP 2569738 A1 20130320 (DE)

Application
EP 11746227 A 20110817

Priority
• DE 102010040641 A 20100913
• EP 2011064128 W 20110817

Abstract (en)
[origin: WO2012034805A1] The invention relates to an apparatus for processing data in a computer-aided logic system, comprising at least one reasoning device having a reasoner, which draws conclusions on the basis of a semantic model and a model instance of the semantic model using data, at least one data source for providing data for processing by the reasoning device, and at least one application which makes a request to the reasoning device and receives results of conclusions from the reasoning device, wherein the reasoning device and the data source interact such that the reasoning device takes an event which has occurred in the data source, particularly at particular times, as a basis for receiving associated event-based data from the data source for the purpose of drawing a causal and/or temporal-based conclusion and wherein the information about the event-based data from the data source comprises a temporal and a causal component. The invention likewise relates to an appropriate method and to an appropriate use.

IPC 8 full level
G06N 5/04 (2006.01)

CPC (source: EP US)
G06F 16/367 (2018.12 - EP US); **G06N 5/022** (2013.01 - US); **G06N 5/045** (2013.01 - EP US)

Citation (search report)
See references of WO 2012034805A1

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)
DE 102010040641 A1 20120315; CN 103080955 A 20130501; CN 103080955 B 20160810; EP 2569738 A1 20130320; RU 2013116388 A 20141020; RU 2583720 C2 20160510; US 2013179391 A1 20130711; US 9202172 B2 20151201; WO 2012034805 A1 20120322

DOCDB simple family (application)
DE 102010040641 A 20100913; CN 201180044009 A 20110817; EP 11746227 A 20110817; EP 2011064128 W 20110817; RU 2013116388 A 20110817; US 201113822473 A 20110817