

Title (en)

SYSTEMS AND METHODS FOR COGNITION-BASED PROCESSING OF KNOWLEDGE

Title (de)

SYSTEME UND VERFAHREN FÜR KOGNITIONSBASIERTE VERARBEITUNG VON WISSEN

Title (fr)

SYSTÈMES ET PROCÉDÉS PERMETTANT DE TRAITER DES CONNAISSANCES SUR LA BASE DE LA COGNITION

Publication

EP 3092579 A4 20171004 (EN)

Application

EP 14877632 A 20140109

Priority

US 2014010810 W 20140109

Abstract (en)

[origin: WO2015105494A1] A system for knowledge representation and application development includes a processor, a memory unit coupled to the processor, and a plurality of information units stored in the memory units. The information units including an operator that defines one of a plurality of actions the information unit performs when it is shocked or activated, and at least one path that describes a relationship that exists between the information unit and a separate information unit. The system further includes a dynamic engine module executable by the processor for shocking or activating the operator of an information unit and causing further shocks, or activations, to flow to separate information units to which the shocked information unit is connected via a path. The information units and the paths embody a knowledge representation schema, the information unit model, whereby an instantiation or instance of the information unit model refers to a particular collection and assembly of model elements to correspond to at least one of a domain, a set of observations, actual knowledge and data.

IPC 8 full level

G06N 5/02 (2006.01); **G06F 15/16** (2006.01); **G06F 17/00** (2006.01); **G06N 20/10** (2019.01)

CPC (source: EP US)

G06N 5/022 (2013.01 - EP); **G06N 20/10** (2018.12 - EP US); **G06N 20/00** (2018.12 - EP)

Citation (search report)

- [X] US 2007203865 A1 20070830 - HIRSCH MARTIN C [DE]
- [A] WO 2007147166 A2 20071221 - QUANTUM LEAP RES INC [US], et al
- See references of WO 2015105494A1

Designated contracting state (EPC)

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DOCDB simple family (application)

US 2014010810 W 20140109; CA 2940216 A 20140109; CN 201480076987 A 20140109; EP 14877632 A 20140109; JP 2016563771 A 20140109