

Title (en)

METHOD FOR DEVELOPING A MULTI-AGENT SYSTEM AND MULTI-AGENT SYSTEM

Title (de)

VERFAHREN ZUR ENTWICKLUNG EINES MULTI-AGENTEN-SYSTEMS SOWIE MULTI-AGENTEN-SYSTEM

Title (fr)

PROCÉDÉ POUR DÉVELOPPER UN SYSTÈME MULTI-AGENTS, AINSI QUE SYSTÈME MULTI-AGENTS

Publication

EP 2342607 A1 20110713 (DE)

Application

EP 09752312 A 20091013

Priority

- EP 2009063366 W 20091013
- DE 102008037446 A 20081013

Abstract (en)

[origin: WO2010043629A1] The invention relates to a method for developing a multi-agent system and to a multi-agent system, such as an automation and/or production system, comprising software and/or hardware components, the resources and functions of said components being represented and/or controlled through software agents, wherein each software agent has the capability of achieving goals through interaction with the environment and with other agents. In order to increase reconfigurability and flexibility, the resources and functions of the software agents are depicted as services, wherein each software agent, in order to achieve its own goals, calls up services of other software agents and offers its own resources and functions to other software agents as services.

IPC 8 full level

G05B 19/418 (2006.01); **G06F 9/46** (2006.01); **G06F 9/50** (2006.01)

CPC (source: EP US)

G05B 19/41845 (2013.01 - EP US); **G06F 9/5038** (2013.01 - EP US); **Y02P 90/02** (2015.11 - EP US)

Citation (search report)

See references of WO 2010043629A1

Citation (examination)

US 2006117295 A1 20060601 - WU QING-HUA [GB], et al

Cited by

DE102021213898A1

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

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

WO 2010043629 A1 20100422; DE 102008037446 A1 20100506; EP 2342607 A1 20110713; US 2012029656 A1 20120202

DOCDB simple family (application)

EP 2009063366 W 20091013; DE 102008037446 A 20081013; EP 09752312 A 20091013; US 200913123762 A 20091013