

Title (en)

METHOD FOR TESTING THE REAL-TIME CAPABILITY OF A SYSTEM

Title (de)

VERFAHREN ZUR PRÜFUNG DER ECHTZEITFÄHIGKEIT EINES SYSTEMS

Title (fr)

PROCÉDÉ DE CONTÔLE DE LA CAPACITÉ D'UN SYSTÈME À FONCTIONNER EN TEMPS RÉEL

Publication

EP 2044541 A2 20090408 (DE)

Application

EP 07785867 A 20070628

Priority

- EP 2007005732 W 20070628
- DE 102006031013 A 20060703

Abstract (en)

[origin: WO2008003427A2] The invention relates to a method for analyzing, especially in real time, a system, particularly a computer system, which comprises a set of different tasks (t). At least some of the tasks (t_n) are requested and processed in a repetitive manner by the system or repeatedly generate requests to partial system components (events). The occurrence pattern of the events that request the tasks or are generated by the task are represented at least in part by a description during the analysis, said description being composed of a set of elements, each of which describes the occurrence pattern of events. The inventive method is characterized that a set of not necessarily uniform elements is used once again with at least two elements for describing the occurrence pattern represented by said at least two elements, while said sets of elements, and thus the occurrence pattern described thereby, are different from each other.

IPC 8 full level

G06F 17/50 (2006.01); **G06F 9/48** (2006.01); **G06F 11/36** (2006.01)

CPC (source: EP KR US)

G06F 9/48 (2013.01 - KR); **G06F 11/36** (2013.01 - KR); **G06F 11/3608** (2013.01 - EP US)

Citation (search report)

See references of WO 2008003427A2

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

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

WO 2008003427 A2 20080110; **WO 2008003427 A3 20080619**; CA 2656673 A1 20080110; CA 2656673 C 20160223; EP 2044541 A2 20090408; EP 2306349 A1 20110406; IL 196155 A0 20090922; JP 2009541876 A 20091126; KR 20090040312 A 20090423; US 2010017168 A1 20100121; US 8306784 B2 20121106

DOCDB simple family (application)

EP 2007005732 W 20070628; CA 2656673 A 20070628; EP 07785867 A 20070628; EP 10196021 A 20070628; IL 19615508 A 20081224; JP 2009516992 A 20070628; KR 20097002242 A 20090203; US 30874407 A 20070628