Title (en)

DEVICE AND METHOD FOR SOFTWARE MANAGEMENT IN A HETEROGENEOUS HARDWARE SYSTEM

Title (de)

VORRICHTUNG UND VERFAHREN ZUR SOFTWARE-VERWALTUNG IN EINEM HETEROGENEN HARDWARE-SYSTEM

Title (fr)

DISPOSITIF ET PROCEDE D'ADMINISTRATION LOGICIELLE DANS UN SYSTEME MATERIEL HETEROGENE

Publication

EP 1683012 A1 20060726 (DE)

Application

EP 04791127 A 20041004

Priority

- EP 2004052415 W 20041004
- EP 03026119 A 20031113
- EP 04791127 A 20041004

Abstract (en)

[origin: WO2005048102A1] The invention relates to a device and method for software administration in a heterogeneous hardware system comprising an evaluation unit (1) for the production of configuration parameters (KP) according to hardware characteristic data (HW-MD) describing available hardware resources of the heterogeneous hardware system and software request data (SW-MD) describing the required hardware resources for the at least one software module to be processed. An allocation unit (2) distributes software modules (A, B, C) of a software system according to configuration parameters (KP) of the evaluation (1) to various data processing units of the heterogeneous hardware system. As a result, it is possible to obtain optimum placement of software in a complex hardware system.

IPC 8 full level

G06F 9/46 (2006.01); **G06F 9/445** (2006.01); **G06F 9/50** (2006.01)

CPC (source: EP)

G06F 8/61 (2013.01); **G06F 9/5061** (2013.01)

Citation (search report)

See references of WO 2005048102A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

WO 2005048102 A1 20050526; EP 1683012 A1 20060726

DOCDB simple family (application)

EP 2004052415 W 20041004; EP 04791127 A 20041004