

Title (en)

METHOD, SYSTEM AND COMPUTER PROGRAM FOR SCHEDULING EXECUTION OF JOBS DRIVEN BY EVENTS

Title (de)

VERFAHREN, SYSTEM UND COMPUTERPROGRAMM ZUM SCHEDULING DER AUSFÜHRUNG VON DURCH EREIGNISSE GESTEUERTEN JOBS

Title (fr)

PROCÉDÉ, SYSTÈME ET PROGRAMME INFORMATIQUE POUR PROGRAMMER L'EXÉCUTION DE TÂCHES REQUISES PAR DES ÉVÉNEMENTS

Publication

EP 2193441 A2 20100609 (EN)

Application

EP 08786903 A 20080805

Priority

- EP 2008060295 W 20080805
- EP 07117512 A 20070928
- EP 08786903 A 20080805

Abstract (en)

[origin: WO2009040171A2] A solution is proposed for scheduling execution of jobs on target entities (such as workstations) of a data processing system - under the control of a scheduling entity of the system (such as a scheduling server). A corresponding method (400) starts with the step of providing (406-409) a plan, which defines a flow of execution of a set of jobs. The method continues by submitting (466-475) each job for execution on a selected target entity according to the plan. A set of rules is also provided (412-415); each rule defines an action to be executed on an action target entity in response to an event on an event target entity. The method then includes the step of determining (421) the events that are defined for each event target entity in the rules. Each event target entity is then enabled (424-457) to detect the corresponding events. The execution of each action on the corresponding action target entity is now triggered (481-496) in response to the detection of the corresponding event.

IPC 8 full level

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

CPC (source: EP)

G06F 9/5055 (2013.01); **G06F 9/542** (2013.01)

Citation (search report)

See references of WO 2009040171A2

Citation (examination)

- WO 9734219 A1 19970918 - NETVISION INC [US]
- US 2002178380 A1 20021128 - WOLF JONATHAN S [US], et al
- ROBERTO BALDONI ET AL: "Distributed Event Routing in Publish/Subscribe Communication Systems: a Survey (revised version)", 1 January 2006 (2006-01-01), Dipartimento di Informatica e Sistemistica, Università di Roma la Sapienza, pages 1 - 27, XP055034894, Retrieved from the Internet <URL:http://www.dis.uniroma1.it/~midlab/articoli/BV.pdf> [retrieved on 20120807]

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (application)

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