

Title (en)

METHOD FOR MANAGING PREEMPTIONS IN A REAL-TIME OPERATING SYSTEM

Title (de)

VERFAHREN ZUR VERWALTUNG VON BERECHTIGUNGEN IN EINEM ECHTZEIT-BETRIEBSSYSTEM

Title (fr)

PROCEDE DE GESTION DES PREEMPTIONS DANS UN SYSTEME D'EXPLOITATION EN TEMPS REEL

Publication

EP 2203817 A2 20100707 (FR)

Application

EP 08869900 A 20081022

Priority

- FR 2008001481 W 20081022
- FR 0707478 A 20071024

Abstract (en)

[origin: FR2923039A1] The method involves interrupting an execution of a current task from three tasks (T1-T3) after a calculated time interval for permitting the current task and the high priority task (T1) to be executed before an end of an execution delay, where the current and high priority tasks are assigned when a request of execution of the high priority task has the higher priority than the current task. The time interval is calculated for each task in a fixed manner, taking into account the execution of other tasks having the higher priority.

IPC 8 full level

G06F 9/48 (2006.01)

CPC (source: EP)

G06F 9/4887 (2013.01)

Citation (search report)

See references of WO 2009087317A2

Designated contracting state (EPC)

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AL BA MK RS

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