

Title (en)

FINE GRAIN PERFORMANCE RESOURCE MANAGEMENT OF COMPUTER SYSTEMS

Title (de)

FEINKÖRNIGES LEISTUNGSRESSOURCENMANAGEMENT VON COMPUTERSYSTEMEN

Title (fr)

GESTION DE RESSOURCES DE PERFORMANCES DE GRAIN FIN POUR SYSTÈMES INFORMATIQUES

Publication

EP 2553573 A4 20140219 (EN)

Application

EP 11760356 A 20110325

Priority

- US 34106910 P 20100326
- US 34117010 P 20100326
- US 2011030096 W 20110325

Abstract (en)

[origin: WO2011120019A2] Execution of a plurality of tasks by a processor system are monitored. Based on this monitoring, tasks requiring adjustment of performance resources are identified by calculating at least one of a progress error or a progress limit error for each task. Thereafter, performance resources of the processor system allocated to each identified task are adjusted. Such adjustment can comprise: adjusting a clock rate of at least one processor in the processor system executing the task, adjusting an amount of cache and/or buffers to be utilized by the task, and/or adjusting an amount of input/output (I/O) bandwidth to be utilized by the task. Related systems, apparatus, methods and articles are also described.

IPC 8 full level

G06F 9/44 (2006.01); **G06F 1/32** (2006.01); **G06F 9/50** (2006.01); **G06F 11/30** (2006.01); **G06F 11/34** (2006.01); **G06F 13/14** (2006.01)

CPC (source: EP KR)

G06F 1/3228 (2013.01 - EP KR); **G06F 1/324** (2013.01 - EP KR); **G06F 1/329** (2013.01 - EP KR); **G06F 9/44** (2013.01 - KR); **G06F 9/5011** (2013.01 - EP KR); **G06F 9/5094** (2013.01 - EP KR); **G06F 11/3409** (2013.01 - EP KR); **G06F 11/3419** (2013.01 - EP KR); **G06F 11/3466** (2013.01 - EP KR); **G06F 2201/865** (2013.01 - EP KR); **G06F 2209/501** (2013.01 - EP KR); **G06F 2209/507** (2013.01 - EP); **Y02D 10/00** (2017.12 - EP)

Citation (search report)

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- See references of WO 2011120019A2

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2011120019 A2 20110929; **WO 2011120019 A3 20120126**; CN 102906696 A 20130130; EP 2553573 A2 20130206; EP 2553573 A4 20140219; JP 2013527516 A 20130627; KR 20130081213 A 20130716

DOCDB simple family (application)

US 2011030096 W 20110325; CN 201180025409 A 20110325; EP 11760356 A 20110325; JP 2013501534 A 20110325; KR 20127027941 A 20110325