

Title (en)  
METHOD AND SYSTEM FOR DISTRIBUTED COMPUTING OF JOBS

Title (de)  
VERFAHREN UND SYSTEM ZUR VERTEILTEN BERECHNUNG VON JOBS

Title (fr)  
PROCÉDÉ ET SYSTÈME D'INFORMATIQUE DISTRIBUÉE DE TÂCHES

Publication  
**EP 2828761 A4 20151202 (EN)**

Application  
**EP 12871948 A 20120323**

Priority  
IN 2012000192 W 20120323

Abstract (en)  
[origin: WO2013140412A1] The present invention provides a system and method for distributed computing of a plurality of jobs in a grid computing environment. The pluralities of jobs are logged in a database server. A logged job is divided into a plurality of sub-jobs by a bin agent, the bin agent being present in each of one or more application servers. A set of data records required for execution of the logged job are fetched from the database server. The fetched set of data records is stored in the form of a linked list in a cache server. The linked list is partitioned into a plurality of sub-linked lists, where each sub-linked list is associated with a sub-job. The bin agent pulls a sub-job, based on a set of predefined conditions, and accesses the associated sub-linked list, for execution of the sub-job.

IPC 8 full level  
**G06F 15/16** (2006.01); **G06F 9/50** (2006.01)

CPC (source: EP)  
**G06F 9/5027** (2013.01); **G06F 2209/5017** (2013.01)

Citation (search report)

- [I] US 2011087731 A1 20110414 - WONG LAURA [US], et al
- [A] US 2006075408 A1 20060406 - POWERS JOHN T [US], et al
- [A] MOSCICKI J T ET AL: "Ganga: A tool for computational-task management and easy access to Grid resources", COMPUTER PHYSICS COMMUNICATION, ELSEVIER SCIENCE PUBLISHERS B.V., AMSTERDAM, NL, vol. 180, no. 11, 1 November 2009 (2009-11-01), pages 2303 - 2316, XP026603077, ISSN: 0010-4655, [retrieved on 20090618], DOI: 10.1016/J.CPC.2009.06.016
- See references of WO 2013140412A1

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 2013140412 A1 20130926**; EP 2828761 A1 20150128; EP 2828761 A4 20151202; PH 12014502110 A1 20141210

DOCDB simple family (application)  
**IN 2012000192 W 20120323**; EP 12871948 A 20120323; PH 12014502110 A 20140922