

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

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Application
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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.

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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

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