Title (en)

METHODS AND SYSTEMS FOR WORKLOAD DISTRIBUTION

Title (de)

VERFAHREN UND SYSTEME ZUR ARBEITSLASTVERTEILUNG

Title (fr)

PROCÉDÉS ET SYSTÈMES POUR LA DISTRIBUTION DE CHARGES DE TRAVAIL

Publication

EP 3332303 A1 20180613 (EN)

Application

EP 15751063 A 20150807

Priority

GB 2015052292 W 20150807

Abstract (en)

[origin: WO2017025696A1] This invention relates to methods and systems for workload distribution, particularly in data centers, more particularly data centers which use fresh air cooling. Embodiments of the invention provide methods and systems which calculate a load value for each server which takes account of both the temperature of the server and its current job queue, and determine the server to which an incoming job should be allocated on the basis of the load values of the available servers.

IPC 8 full level

G06F 1/20 (2006.01); **G06F 1/32** (2006.01); **G06F 9/50** (2006.01)

CPC (source: EP US)

G06F 1/206 (2013.01 - EP US); **G06F 1/329** (2013.01 - EP); **G06F 9/505** (2013.01 - EP); **G06F 9/5094** (2013.01 - EP); Y02D 10/00 (2017.12 - EP US)

Citation (search report)

See references of WO 2017025696A1

Citation (examination)

JILONG KUANG ET AL: "Predictive Model-Based Thermal Management for Network Applications", ARCHITECTURES FOR NETWORKING AND COMMUNICATIONS SYSTEMS (ANCS), 2011 SEVENTH ACM/IEEE SYMPOSIUM ON, IEEE, 3 October 2011 (2011-10-03), pages 57 - 68, XP032068403, ISBN: 978-1-4577-1454-2, DOI: 10.1109/ANCS.2011.16

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2017025696 A1 20170216; EP 3332303 A1 20180613

DOCDB simple family (application)

GB 2015052292 W 20150807; EP 15751063 A 20150807