

Title (en)
PLATFORM FOR HIERARCHY COOPERATIVE COMPUTING

Title (de)
PLATTFORM FÜR HIERARCHISCH KOOPERATIVES RECHNEN

Title (fr)
PLATE-FORME POUR UNE INFORMATIQUE DE GROUPE HIÉRARCHIQUE

Publication
EP 3743813 A4 20211110 (EN)

Application
EP 19743576 A 20190124

Priority
• US 201815879182 A 20180124
• US 2019014875 W 20190124

Abstract (en)
[origin: WO2019147751A2] A system for hierarchical cooperative computing is provided, comprising a vector definition service configured to receive a user-submitted request, and compile the request into a vector; a rules engine configured to retrieve the vector from the vector definition service, and evaluate the vector for appropriateness; a parametric evaluator configured to parameterize the vector, and generate at least a run from the parameterized vector; and an optimizer configured to retrieve the run from the parametric evaluator, and determine an optimal plan for executing the user-submitted request.

IPC 8 full level
G06F 9/50 (2006.01); **G06Q 40/04** (2012.01)

CPC (source: EP)
G06F 9/5033 (2013.01); **G06F 9/5066** (2013.01); **G06F 9/5083** (2013.01); **G06Q 10/06** (2013.01); **G06Q 10/101** (2013.01);
G06F 2209/5015 (2013.01); **G06F 2209/502** (2013.01); **G06F 2209/544** (2013.01)

Citation (search report)
• [A] US 8856333 B2 20141007 - ZORN BENJAMIN G [US], et al
• [A] US 2015381425 A1 20151231 - KANSAL AMAN [US], et al
• [I] VINEK ELISABETH ET AL: "A Dynamic Multi-Objective Optimization Framework for Selecting Distributed Deployments in a Heterogeneous Environment", PROCDIA COMPUTER SCIENCE, vol. 4, 1 January 2011 (2011-01-01), AMSTERDAM, NL, pages 166 - 175, XP055846539, ISSN: 1877-0509, DOI: 10.1016/j.procs.2011.04.018
• [A] KLEIN ADRIAN ET AL: "Towards network-aware service composition in the cloud", PROCEEDINGS OF THE 21ST INTERNATIONAL CONFERENCE ON WORLD WIDE WEB, 1 January 2012 (2012-01-01), pages 959 - 968, XP055846542, ISBN: 978-1-4503-1229-5, DOI: 10.1145/2187836.2187965
• See references of WO 2019147751A2

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 2019147751 A2 20190801; **WO 2019147751 A3 20190919**; EP 3743813 A2 20201202; EP 3743813 A4 20211110

DOCDB simple family (application)
US 2019014875 W 20190124; EP 19743576 A 20190124