

Title (en)
PARALLEL PROCESSING OF DISTRIBUTED ARRAYS

Title (de)
PARALLELVERARBEITUNG VERTEILTER ARRAYS

Title (fr)
TRAITEMENT PARALLÈLE DE RÉSEAUX DISTRIBUÉS

Publication
EP 2165260 A1 20100324 (EN)

Application
EP 09751301 A 20090518

Priority

- US 2009044384 W 20090518
- US 5429508 P 20080519
- US 5429208 P 20080519
- US 25460508 A 20081020
- US 25462008 A 20081020
- US 25461808 A 20081020

Abstract (en)
[origin: WO2009143073A1] A computing device-implemented method includes initiating a single programming language, and identifying, via the single programming language, one or more data distribution schemes for executing a program. The method also includes transforming, via the single programming language, the program into a parallel program with an optimum data distribution scheme selected from the one or more identified data distribution schemes, and allocating the parallel program to two or more labs for parallel execution. The method further includes receiving one or more results associated with the parallel execution of the parallel program from the two or more labs, and providing the one or more results to the program.

IPC 8 full level
G06F 9/50 (2006.01); **G06F 9/45** (2006.01)

CPC (source: EP)
G06F 8/45 (2013.01); **G06F 8/451** (2013.01); **G06F 8/453** (2013.01); **G06F 9/4411** (2013.01); **G06F 9/5027** (2013.01)

Citation (search report)
See references of WO 2009143073A1

Designated contracting state (EPC)
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 SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
WO 2009143073 A1 20091126; EP 2165260 A1 20100324

DOCDB simple family (application)
US 2009044384 W 20090518; EP 09751301 A 20090518