Title (en)
MULTIPLE COMPUTER SYSTEM WITH ENHANCED MEMORY CLEAN UP

Title (de)
MEHRFACH-COMPUTERSYSTEM MIT VERBESSERTER SPEICHERSÄUBERUNG

Title (fr)
SYSEME A ORDINATEURS MULTIPLES A NETTOYAGE AMELIORE DE LA MEMOIRE

Publication
EP 1934775 A4 20090128 (EN)

Application
EP 06790318 A 20061005

Priority
- AU 2006001448 W 20061005
- AU 2005905581 A 20051010

Abstract (en)
[origin: WO2007041763A1] The updating of only some memory locations in a multiple computer environment in which at least one applications program (50) executes simultaneously on a plurality of computers M1, M2 .... Mn each of which has a local memory, is disclosed. Memory locations (A, B, D, E, X) in said local memory are categorized into two groups. The first group of memory locations (X1, X2, ... Xn, A1, A2, ... An) are each accessible by other computers. The second group of memory locations (B, E) are each accessible only by the computer having the local memory including the memory location. Changes to the contents of memory locations in the first group only are transmitted to all other computers. A demotion mechanism is disclosed to demote memory locations in the first group into the second group in the event that application program execution means that a memory location in said first group is no longer referenced by another memory location in another computer.

IPC 8 full level
G06F 15/16 (2006.01); G06F 12/02 (2006.01)

CPC (source: EP)
G06F 12/0269 (2013.01); H04L 67/1095 (2013.01)

Citation (search report)
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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
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DOCDB simple family (application)
AU 2006001448 W 20061005; CN 200680037516 A 20061005; EP 06790318 A 20061005; JP 2008534814 A 20061005