Title (en)

MANAGEMENT OF MEMORY BLOCKS WHICH DIRECTLY STORE DATA FILES

Title (de)

VERWALTUNG VON SPEICHERBLÖCKEN, DIE DATEN-DATEIEN DIREKT SPEICHERN

Title (fr)

GESTION DE BLOCS MEMOIRE DANS LESQUELS LES FICHIERS DE DONNEES SONT DIRECTEMENT STOCKES

Publication

EP 1913463 A2 20080423 (EN)

Application

EP 06789236 A 20060801

Priority

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- US 38222806 A 20060508

Abstract (en)

[origin: WO2007019197A2] Host system data files are written directly to a large erase block flash memory system with a unique identification of each file and offsets of data within the file but without the use of any intermediate logical addresses or a virtual address space for the memory. Directory information of where the files are stored in the memory is maintained within the memory system by its controller, rather than by the host. A type of memory block is selected to receive additional data of a file that depends upon the types of blocks into which data of the file have already been written. Blocks containing data are selected for reclaiming any unused capacity therefrom by a process that selects blocks in order starting with those containing the least amount of valid data.

IPC 8 full level

G06F 3/06 (2006.01); **G06F 12/02** (2006.01)

CPC (source: EP KR)

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Citation (search report)

See references of WO 2007019197A2

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